VALENTIN FUSTER, M.D., PH.D.
Curriculum Vitae

Address: The Mount Sinai Medical Center
One Gustave L. Levy Place, Box 1030
New York, NY 10029-6574

Date of Birth: January 20, 1943

Place of Birth: Barcelona, Spain

Education:

1954-1961 B.S.	Colegio Jesuitas, Barcelona, Spain (Baccalaureate)
1961-1967 M.D.	Faculty of Medicine, Barcelona University, Barcelona, Spain
1971 Ph.D.	University of Edinburgh, Edinburgh, Scotland

Postdoctoral Training:
Internship, Residencies, and Fellowships:

1967-1968	Internship (Straight Medical), Hospital Clinico, Barcelona, Spain
1968-1971	Research Fellow in Cardiovascular Diseases, Department of Medicine, Royal Infirmary, University of Edinburgh, Edinburgh, Scotland
1971-1972	Resident in Medicine, Mayo Graduate School of Medicine, Rochester, Minnesota

Licensure and Certification:

1967	Internal Medicine Licensure, University of Barcelona, Spain
1970	Educational Council for Foreign Medical Graduates
1974	Minnesota State Board of Medical Examiners
1976	Internal Medicine Board Certification
1977	Cardiovascular Diseases Board Certification
1982	New York State Medicine and Surgery
1991	Massachusetts State Medicine and Surgery

Military Service:

1966-1968	Spanish Army, Second Lt., Barcelona, Spain; Active Duty - 10 months, Reserve - 2 years

Academic Appointments:

2009-	General Director, CNIC-Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain
2007-2009	Scientific Director, CNIC-Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain
2006-	Director, Mount Sinai Heart, Mount Sinai School of Medicine, New York, New York
1997-	Richard Gorlin, M.D./Heart Research Foundation Professor of Cardiology, Mount Sinai School of Medicine, New York, New York
1994-1997	Arthur M. and Hilda A. Master Professor of Medicine, Mount Sinai School of Medicine, New York, New York

1994	Dean for Academic Affairs, Mount Sinai Medical Center, New York, New York
1991-1994	Mallinckrodt Professor of Medicine, Harvard Medical School, Boston, Massachusetts
1982-1991	Arthur M. and Hilda A. Master Professor of Medicine, Mount Sinai School of Medicine, New York, New York
1981-1982	Professor of Medicine and Cardiovascular Diseases, Mayo Medical School, Rochester, Minnesota
1980	Associate Professor of Pediatrics, Mayo Medical School, Rochester, Minnesota
1978-1981	Associate Professor of Medicine and Cardiovascular Diseases, Mayo Medical School, Rochester, Minnesota
1974-1977	Assistant Professor of Medicine and Cardiovascular Diseases, Mayo Medical School, Rochester, Minnesota

Hospital Appointments:

2023-	President, Mount Sinai Fuster Heart Hospital, New York, New York
2011-	Physician-in-Chief, The Mount Sinai Medical Center, New York, New York
2006-2023	Director, Mount Sinai Heart, New York, New York
2002-2023	Director, The Marie-Josée and Henry R. Kravis Center for Cardiovascular Health, Mount Sinai Medical Center, New York, New York
1997-2023	Director, The Zena and Michael A. Wiener Cardiovascular Institute, Mount Sinai Medical Center, New York, New York
1994-1997	Director, The Zena and Michael A. Wiener Cardiovascular Institute and Vice-Chairman of Medicine, Mount Sinai Medical Center, New York, New York
1991-1994	Chief, Cardiac Unit, Massachusetts General Hospital, Boston, Massachusetts
1982-1991	Chief, Division of Cardiology, Mount Sinai Medical Center, New York, New York
1975-1982	Consultant in Internal Medicine and Cardiovascular Diseases, Mayo Clinic, Rochester, Minnesota

Awards and Honors:

1967	Prize Diputation of Barcelona: Graduated first in the class of the Medical School of Barcelona (Magna Cum Laude in 20 subjects with honors in 18)
1968	Fundacion Juan March Research Fellowship Award M.D. Thesis, University of Barcelona, Magna Cum Laude
1969-1971	University of Edinburgh Research Fellowship Award
1971	Ph.D. Thesis, University of Edinburgh - Presented in Barcelona, "New Orientation for the Study of Platelet Function - Detection of Platelet Factor 4 - Methods and Clinical Relevance"
1972-1974	Minnesota Heart Association Grant Award
1974	Mayo Clinic - Donald C. Balfour Award for Outstanding Research Achievement
1976	Miguel Servet 1st International Award for Cardiovascular Research, Madrid, Spain (to the best investigator from Spain working in a foreign country)
1985	The Solomon A. Berson Teaching Award
1985	The Simon Dack Award for the Best Teacher (chosen by Cardiology Fellows at Mount Sinai Medical Center)
1987	Honorary Member, Argentinean Society of Cardiology
1987	Honorary Member, Spanish Society of Cardiology
1991	Honorary Member, Venezuelan Society of Cardiology

1991	Honorary Member, Peruvian Society of Cardiology
1991	Honorary Member, Mexican Society of Cardiology
1991	New York Heart Research Foundation 1991 Medical Science Award
1991	Outstanding Faculty Physician of the Year, Mt. Sinai School of Medicine
1991	Awarded the 1992 Andres Bello Medal of Distinction of the Government of Venezuela
1991	Distinguished Physician Award, Dept. of Medicine, Mt. Sinai Medical Center, New York
1992	Isabel LaCatolica Medal (Encomienda), Awarded by the Spanish Government
1992	Honorary Master's Degree, Harvard Medical School
1992	The 1992 Distinguished Scientist Gruntzig Award of the European Society of Cardiology
1993	Honorary Member, French Society of Cardiology
1993	Honorary Member, Ecuadorian Society of Cardiology
1993	Fellow of the Royal College of Physicians at Edinburgh
1993	The 1993 Award of the Catalan Foundation for Research
1993	The 1993 Distinguished Scientist Award, American College of Cardiology
1993	The 1993 Lewis A. Conner Distinguished Presidential Lecture, American Heart Association
1993	CINE 1993 Golden Eagle Award for the production "Lipids, Plaque Rupture and the Evolution of Coronary Artery Disease," selected for excellence to represent the United States of America in international film and video events abroad
1993	Fundacion Fernandez-Cruz Award, Universidad Complutense, Madrid
1994	The 1994 Distinguished Bishop Lecture of the American College of Cardiology
1994	The 1994 Narcis Monturial Catalonia Award
1994	Doctor Honorary Degree, Universitat Autonoma de Barcelona
1994	The 1994 Presidential Lecture of the Cardiac Society of Australia and New Zealand
1994	The 1994 Presidential Lecture of the Japanese College of Cardiology
1994	The 50th Anniversary Presidential Lecture of the Spanish Society of Cardiology
1995	Keynote Plenary Address of the 2nd International Conference of Nuclear Cardiology, Cannes, France
1995	Jacobi Medallion Award, Mount Sinai Alumni Association
1995	Award Fundacion Vila Casas, Barcelona, Spain
1995	Honorary Member, Vasco-Navarra Society of Cardiology
1995	Honorary Member, Colombian Society of Cardiology
1995	NHLBI-Distinguished Speaker-18th Ann. National Cholesterol Educational Program
1995	Doctor Honorary Degree, Universitat Autonoma de Barcelona
1995	Co-Chairman, 27th Bethesda Conference
1995	Llico Joan d'Alos Award, Barcelona, Spain
1996	The 1996 Presidential Lecture, Canadian Heart Association
1996	46th Annual Scientific Sessions of the Maine Affiliate of the American Heart Association Drake Award
1996	Doctor Honorary Degree, Universidad Nacional de Cordoba, Argentina
1996	Doctor Honorary Degree, University of Barcelona, Spain
1996	Principe de Asturias Award of Science and Technology (the highest award to Spanish speaking scientists, given by the son of the King of Spain),

	Fundacion Principe de Asturias, Oviedo, Spain
1996	Honorary Guest Award, City of Cordoba, Argentina
1996	Jimenez Diaz Research Award (Madrid)
1996	Rivkah Laufer Bikur Cholim Jewish Foundation Doctor of the Year Award
1996	Mount Sinai School of Medicine Excellence in Teaching Award
1996	Globus Award (Mount Sinai Journal of Medicine)
1997-1998	President-Elect, American Heart Association
1997	Honorary Member, Sociedad Espanola de Medicina Intensiva Y Unidades Coronarias
1997	Honorary Member, Fundacio Universal de la Sardana, Barcelona, Spain
1997	Member, Mount Sinai Medical Center Faculty Practice Associates Board of Governors
1997	Doctor Honorary Degree, University of Barcelona, Spain
1997	The Simon Dack Award for the Best Teacher (chosen by Cardiology Fellows at Mount Sinai Medical Center)
1997	American Heart Association Scientific Councils Distinguished Achievement Award
1997	Spanish Society of Cardiology Gold Medal Recipient, Granada, Spain
1998	American Heart Association NYC Affiliate Achievement Award in CV Science and Medicine
1998	The J. Lester Gabrilove Award, Mount Sinai Alumni
1998	Member of Honor, National Academy of Medicine, Madrid, Spain
1998	Doctor Honorary Degree, Universidad de Valladolid, Spain
1998	Doctor Honorary Degree, Universidade Federal do Rio de Janeiro, Brazil
1998	Gill Heart Institute Award for Outstanding Cardiovascular Research, Lexington, Kentucky
1998	Spanish Institute Gold Medal (given by Queen Sofia of Spain), New York
1998	Bristol-Myers Squibb Cardiovascular/Metabolic Diseases Nonrestrictive 5 Year Research Grant Award For Excellence
1999	Heart of Gold Award - American Heart Association - NYC Heritage Affiliate
1998-1999	Honorary Member, La Sociedad Mexicana para el Estudio de la Hipertension Arterial
1998-1999	American Heart Association - President
1999-2000	American Heart Association - Past Immediate President
2000	Distinguished Service Award from the American College of Cardiology
2000	The Marquis Who's Who in the World - Millenium Edition
2000	Member, Institute of Medicine, National Academy of Science
2001	Doctor Honorary Degree, University of Buenos Aires, Argentina
2001	American Heart Association – Herrick Award
2002	Distinguished Alumni Award, Mayo Clinic Medical School, Rochester, Minnesota
2002	University of Miami, Division of Cardiology "The Thinker" Award,
2002	Andreas Gruntzig Award of the International Society of Interventionalists(Paris)
2002	Doctor Honorary Degree, University of Murcia, Spain
2002	Pregoner Festes de la Mercè, Barcelona, Spain
2002	"Giovanni Battista Morgagni" Lecture, Rome, Italy
2003	Distinguished Career Award, 11th ISTH Biennial Awards for Contributions to Hemostasis

2003–2004	President-Elect – World Heart Federation
2003	Hatter Award, Cape Town, South Africa
2003	AHA Gold Heart Award, Washington, D.C.
2003	Distinguished Career Award, International Society of Thrombosis and Hemostasis, UK
2003	Chazov Gold Medal for Exceptional Achievement in Cardiology, St. Petersburg, Russia
2003	Chairman, NHLBI SPARK II Meeting, Bethesda, MD
2003	AHA/ASA Distinguished Scientist, presented to only 15 scientists who have made major contributions to cardiovascular research in recent years
2004	President, Paul Dudley White Society, Boston, MA
2004	Appointed to Editor-in-Chief, Nature Cardiovascular Medicine Journal
2005	Distinguished Researcher Award, Interamerican Society of Cardiology
2005	International Gabarron Award, Gaharron Foundation, Valladolid, Spain
2005	Chair, Genomics and Cardiovascular Symposium, Philadelphia, PA
2005	Doctor Honorary Degree, University of Miguel Hernandez, Alicante, Spain
2005	Doctor Honorary Degree, University of Ramon Llull, Barcelona, Spain
2005	John Paul II Hospital Gold Medal, Krakow, Poland
2006	Honorary member of the Mexican Society of Cardiology
2006	World Congress of Cardiology President, Barcelona, Spain
2006	Catalan Award for Communication, Barcelona, Spain
2006	Chairman, NHLBI Review Committee of the CV Program, Bethesda, MD
2006	InterAmerican Society of Cardiology Research Achievement Award, Cancun, Mexico
2006	Distinguished Scientific Award. American Heart Association, Heart of the Hamptons Gala, New York
2007	Honorary Degree, Jaume I Castellon University, Castellon, Spain
2007	Honorary Degree, University del Salvador, Buenos Aires, Argentina
2007	Distinguished Award, AEEPP, Madrid, Spain
2007	Distinguished Award, Villa of Osuna, Seville, Spain
2007	20 years of Catalonia, 20 Awardees, Recoletos, Barcelona, Spain
2007	Chair, International Symposium on Burden of Atherothrombotic Disease, New York
2007	Co-Chair, International Meeting on Biomarkers, Berlin, Germany
2007	Distinguished Award, AEFE, Barcelona, Spain
2007	Gold Medal Award, Catalan Society of Cardiology, Barcelona, Spain
2007	Gold Medal Award, European Society of Cardiology, Vienna, Austria
2007	Time Magazine Award (Spain) - one of the eight main contributors to the country for the last 25 years
2007	Living Legend Award in Cardiovascular Diseases, University of Ottawa, Ottawa, Canada
2007	The Maimonides Chair, European Academy of Yuste, Yuste, Spain
2007	Honorary Degree, (Complutense) University of Madrid, Madrid, Spain
2007	Joan Codina Award, Barcelona, Spain
2007	15th Year as Chair of ACC New York Cardiovascular Symposium (2000 Attendees 2006)
2007	5th Year as Chair of NHBLI/ACC/AHA of How to Become a Cardiovascular Investigator Meeting (Bi-Annual for Fellows)
2007	Chair, High Risk Plaque International Imaging Board, New York

2008	Since 1992, 15 consecutive years nominated as Best Doctors of America, as well as New York Best Doctor
2008	Member, European Academy of Science and Arts
2008	Polzer Prize, European Academy of Science and Arts
2008	Honorary Degree, Castellon University, Castellon Spain
2008	Honorary Degree, Catholic University of Buenos Aires, Argentina
2008	Honorary Degree, European University, Madrid, Spain
2008	Honorary Degree, University of Valencia, Spain
2008	Ellis Island Medal of Honor, New York, NY
2008	Teaching Excellence Award, Department of Medicine (MSSM), New York, NY
2008	Award for Health and Wellness, Madrid, Spain
2008	Universal Spaniard Award, U.S./Spain Chamber of Commerce, Miami, FL
2009	Libin Prize, Calgary, Canada
2009	ACC Distinguished Teacher Award, Orlando, FL
2009	National Recognition Award for Sports and Science bestowed by the King of Spain & Superior Sports Council of Spain
2009	Arrigo Recordati International Prize, Milan, Italy
2009	Honorary Degree, University of Edinburgh, Edinburgh, Scotland
2009	Distinguished Investigator Award, XXII Interamerican Cong. of Card., San Juan, PR
2009	Honorary Degree, Salvador University, Buenos Aires, Argentina
2010	Honorary Degree, International University of Catalonia, Barcelona, Spain
2010	Honorary Degree, Menéndez Pelayo International University, Santander, Spain
2010	Cadeci Award for Cardiovascular Research (Europe)
2010	Master of the American College of Cardiology
2010	The Paul Wood Honorary Lecturer Award (United Kingdom)
2010	Honorary Member, Japanese Circulation Society
2010	Erasmus University “In Praise of Medicine” Award (Holland)
2011	The LeFoulon Delalande Grand Prize, Institute of France, Paris, France
2011	Universal Spaniard Award, Madrid, Spain
2011	CNIC (Dr. Valentin Fuster – Director) Severo Ochoa (Nominated as the highest of excellence by the European Committee Members which include three Nobel Laureates)
2011	Honorary Citizen of Buenos Aires, Argentina
2012	ACC Legends (1 of 2 Americans honored), Chicago, IL
2012	NYPD Honorary Police Surgeon, New York, NY
2012	Honorary Degree, University of Cadiz, Cadiz, Spain
2012	Honorary Degree, La Plata University, La Plaza, Argentina
2012	Research Cultural Award, Catalonia, Spain
2012	John F. Kenney Award, Institute of North American Studies, Barcelona, Spain
2012	AHA Research Achievement Award, Los Angeles, CA
2012	Honorary Degree, Univeristy of Zaragoza, Zaragoza, Spain
2013	Munster Heart Cener Lecture Award, Munster, Germany
2013	Honoris Causa, Universidad de VIC, Barcelona, Spain
2013	Simon Dack Lecture Award, American College of Cardiology (ACC), San Francisico, CA
2013	Honoris Causa, Universidad CEU Cardenal Herrera, Castellón, Spain
2013	International Impact Achievement Award, American Heart Association, Houston,

TX

2013 Health Care Delivery Excellent Award, European Institute and Welfare, Spain

2013 Arthur S. Agatston Cardiovascular Disease Prevention Award, Society of Cardiovascular Computed Tomography (SCCT), Montreal, Canada

2013 Camino Real Award, Instituto Franklin-Universidad de Alcala, Spain

2014 Premio Educacion Medica 2014, Catedra de Educacion Medica Fundacion Lilly-UCM, CNIC, Madrid Spain

2014 Frontier in Science Award, American Association of Clinical Endocrinologists, Las Vegas, NV

2014 Marques of Fuster: Awarded by King Juan Carlos I of Spain, Spain

2015 American Association of Clinical Endocrinologists, "Frontiers in Science Award"

2015 American College of Cardiology Award for "Leadership in Global Population Health Education, Research, Science", Washigton, DC

2015 First Cardiovascular Fellow of the ERS, European Respiratory Society in Recognition of Excellence in Scientific and/or Educational Contributions to Respiratory Medicine, Amsterdem, Netherlands

2015 Honorary Professor, Instituto Universitario Escuela de Medicina del Hospital Italiano, Buenos Aires, Argentina

2015 Ecuadorian Society of Cardiology Award for Valuable Support in the Progress to Prevent Cardiac Diseases, Quito, Ecuador

2015 American Association of Clinical Endocrinologists, "Frontiers in Science Award"

2015 The Great Cross of the Ministry of Health, Spain.

2016 Doctor Honoris Causa, University of Buenos Aires (Argentina), Instituto Universitario Escuela de Medicina del Hospital Italiano, Buenos Aires, Argentina

2016 Honorary Guest Award of the City of Córdoba, Córdoba, Argentina

2016 Doctor Honoris Causa, University of Córdoba (Argentina), Córdoba, Argentina

2016 Honorary Member, Argentinian Federation of Cardiology

2016 Honorary Acknowledgement Award, Ministry of Health, Government of Córdoba, Argentina

2016 Opening Lecture, National Congress of Cardiology, Argentina

2016 Honorary Member, Portuguese Society of Cardiology, Vilamoura, Portugal

2016 National Award "Caja Rural", City of Granada, Spain

2016 Ignacio Chavez Award, Highest Award of the World Congress of Cardiology and Cardiovascular, Mexico City, Mexico

2016 Dr. Walter M. Booker, Sr. Health Promotion Award, Association of Black Cardiologists, Inc.

2016 Opening Lecture, World Congress of Cardiology, World Heart Federation, Mexico

2016 Biomedical Research Award, Fundación Ferrer Investigación, Spain

2016 Urban Health Champion Award, New York Academy of Medicine, New York

2016 Legend Award, (C3) Complex Cardiovascular Catheter, Orlando, Florida

2016 Medal of Merit Award, International Academy of Cardiovascular Sciences

2016 Co-Chair of the Consensus Committee to advice the upcoming US President on "Global Health and the Role of the United States. Sponsored by the National Academies of Sciences, Engineering and Medicine

2017 Co-Chair of the Commission for the "Role of the United States in Global Health)", National Academy of Medicine

2017 Member of the European Commission for the Horizon 2020 – Scientific Panel for

	Health
2017	“Honoris Causa Degree”, Universidad Peruana Cayetano Heredia, Peru
2017	“Honorary Member”, Academia Nacional de Medicina del Peru (National Medicine Academy), Lima, Peru
2017	The Lifetime Achievement Award, American College of Cardiology, ACC 2017 Scientific Sessions, Washington, D.C.
2017	Doctor Honoris Causa, Universidad Autónoma de Santo Domingo, Santo Domingo, Dominican Republic
2017	The Jabuti Literary Award of 2017 in the Health Sciences (main Editor of the most important book award in Brazil, "Medicina Cardiovascular – Reduzindo o Impacto das Doenças"), Brazil
2017	The Grand Cross of the Civil Order of Alfonso X, the Government of Spain
2017	Paul Dudley White International Science Team Award (to Recognize the Authors with the Highest Ranked Abstract from Brazil at Scientific Sessions 2017), The American Heart Association
2017	Jabuti Literary Award of 2017 (for the book “Medicina Cardiovascular – Reduzindo o Impacto das Doencas”), most important book award in Brazil in the Health Sciences category.
2018	President of the Advisory Board to the Ministry of Health, Spain
2018	Recognition Award as “Outstanding Figure in Healthcare”, Madrid, Spain
2018	Honorary Award, Roman W. DeSanctis MD Lecture, Corrigan Minehan Heart Center, The Massachusetts General Hospital, Boston, MA
2018	Reconocimiento “Personalidad Destacada del Mundo Sanitario” por la Organización Médica Colegial de España.
2018	Doctor Honoris Causa, University Alfonso X El Sabio, Spain
2018	Golden Lecture Award, The World Heart Federation, Dubai, UAE
2019	Burton E. Sobel Award, Cardiovascular Research Institute of Vermont
2019	Marc Verstraete Memorial Day Award, Rome Italy
2019	Premio a la trayectoria internacional investigadora en el ámbito del derecho a la salud, By Consejería de Sanidad de Cantabria and IDIVAL (Instituto de Investigación Marqués de Valdecilla)
2019	"Gregorio Marañón" Spanish National Research Award in Medicine
2019	“Luminary in Cardiometabolic Medicine” Award, MEEF (Metabolic Endocrine Education Foundation), Philadelphia, PA
2019	Inaugural Honorary Fellow Award from the American Society for Preventive Cardiology (ASPC)
2019	Outstanding Contribution Award, 30th Annual Great Wall International Congress of Cardiology, Beijing, China
2019	Distinguished Achievement Award from the Italian Society of Cardiology, Rome, Italy
2020	American Heart Association’s2020 Heart of Gold Legacy Award, New York, NY
2020	Prince Mahidol Award 2020 in the Field of Medicine (to be conferred in 2021), Bangkok, Thailand
2021	2021 “Miembro de Honor” of the Fundación Carlos III, Spain
2021	Gold medal by the Cardiac Imaging Association, Spanish Society of Cardiology, Spain
2021	Maestro de la Cardiologia en la Medicina Interna en Mexico

2021	Embajador Honorario del Patrimonio Mundial de España, by the "Asociación para la difusión y promoción del patrimonio mundial de España (ADIPROPE)".
2021	Honorary Ambassador of Spain for the World (together with Placido Domingo, Rafael Nadal Mario Vargas Llosa) - October 2021
2022	Premio CEU Ángel Herrera en la categoría Ética y Valores, Spain
2022	Honorary Awardee for the Prince Mahidol Foundation, Bangkok, Thailand. Prince Mahidol Award in The Field of Medicine, Prince Mahidol Foundation, Bangkok, Thailand
2022	TCT Lifetime Achievement Award, TCT, San Francisco, CA
2023	Mount Sinai renamed Mount Sinai Heart as "Mount Sinai Fuster Heart Hospital" In honor of Dr. Valentin Fuster
2023	Dr. Valentin Fuster Scientific Award (to be named for 15 years), American College of Cardiology - New Orleans, LA
2024	European Society for Clinical Investigation (ESCI), Investigator Achievement Award. Barcelona, Spain
2024	Honoris Causa, Mexican Society of Cardiology. Ciudad Mexico, Mexico
2024	Doctor Honoris Causa, Universidad Autónoma de Guerrero, Guerrero, Mexico
2024	Doctor Honoris Causa, Hipocrates University, Mexico City, Mexico
2024	World Heart Federation (WHF) Scientific Lifetime Achievement Award, Geneva, Switzerland
2024	Award for Excellence in Scientific Career from the Astrazéneca Foundation, Madrid, Spain
2024	XL Weekly Award (ABC)
2024	Honorary Academician of the Royal Academy of Medicine of Seville, Sevilla, Spain
2024	Honorary Member Royal Society of Medicine, Bilbao, Spain
2024	Honorary Member Argentina Academy of Medicine, Buenos Aires, Argentina
2024	The 5th Antonio M. Gotto Jr. Prize in Atherosclerosis Research, Muscat, Oman
2025	Doctor Honoris Causa, Universidad Nacional Mayor de San Marcos, Lima, Peru
2025	Doctor Honoris Causa, Universidad Pontificia Bolivariana de Medellín, Colombia
2025	Lifetime Achievement Award, Interamerican Society of Cardiology, Cartagena, Colombia
2025	Lifetime Achievement Award, *Líderes con Propósito*, Vocento, Spain
2025	Lifetime Achievement Health Professional, Patronato de la Fundacion Fenin, Madrid, Spain
2025	Impulsa Talentum Award 2025, Barcelona, Spain
2025	Oration Award, Inagural Annual World Heart Federation at the European Society of Cardiology Congress and WHF World Congress of Cardiology, Madrid, Spain
2025	Presidential Honorary Award, Order of Merit, Duarte, Sanchez y Mella, Punta Cana, Dominican Republic
2025	Presidential Honorary Award, Nicosia, Republic of Cyprus
2025	Doctor Honoris Causa, European University of Cyprus, Nicosia, Cyprus
2026	Eight Over Eighty Award, The New Jewish Home, New York, NY
2026	The Glorney-Raisbeck Lecture and Award, New York Academy of Medicine, New York, NY
2026	Premio Resilencia y Salud, VII Edicion, Intituto Español de Resilencia, Madrid, Spain

Honorary Lectureships

1983	The 1983 Roon Professorship Lecture, San Diego, CA
1986	The Joseph E. Walker Professorship Lecture, Kansas City, MO
1987	The 1987 David Scharf Memorial Lecture, Lenox Hill Hospital, New York
1988	The 1988 Presidential Citation Lectureship of the American College and World Congress of Chest Physicians, Boston, MA
1989	The 1989 Pfizer Visiting Professorship in Cardiovascular Medicine, Medical University of South Carolina, Charleston, SC
1989	The 1989 Littman Professorship Lecture, Boston, MA
1989	The 1989 Hugo Roesler Memorial Lecture, Temple University, Philadelphia, PA
1990	The 1990 Carl J. Wiggers Memorial Lecture, The Cleveland Clinic Foundation, Cleveland, OH
1990	Theodore S. Zimmerman Memorial Lecture, La Jolla, CA
1990	The 1990 Pfizer Visiting Professorship in CV Medicine, Washington, DC
1990	1990 Neuton Stern Honorary Lecture, The Univ. of Tennessee, Memphis, TN
1990	1990 Max Stein Honorary Lecture, The Brookdale Hospital Medical Center, Brooklyn, NY
1990	1990 Paul Dudley White Honorary Lect. American College of Cardiology, New York, NY
1991	Honorary Lecture in Honor of the 500th Anniversary of the Discovery of America, San Juan, PR
1991	The 1991 James B. Herrick Honorary Lecture, American Heart Association, Chicago, IL
1991	The 1991 Jesse E. Edwards Honorary Lecture, University of Minnesota
1991	The 1991 Pfizer Visiting Professor at the City University of New York, Stony Brook, NY
1992	The 1992 Grollman Lecture, University of Virginia
1992	The 1992 Henry Neufeld Memorial Lecture, Israel Heart Society, Tel Aviv, Israel
1992	The 1992 Distinguished Basic Research Lecture, American College of Cardiology Postgraduate Course, Washington, D.C.
1992	Theodore S. Zimmerman Memorial Lecture, La Jolla, CA
1992	The 1992 Mayo Clinic Cardiovascular Visiting Professor
1992	State of the Art Lecture at the International Congress, King Faisal Hospital and Research Center, Saudi Arabia
1992	State of the Art Lecture at the International Paovo Nurmi Symposium, Helsinki, Finland
1992	Magistral Lecture, International Society of Cardiovascular Surgery, Seville
1992	NHLBI Lecture Honoring Dr. Gardner McMillan, “Future Directions in Atherosclerosis”
1992	1992 State of the Art Lecture, International Conference on Interventional Cardiology and Cardiac Surgery, Long Beach, California
1992	1992 Gruntzig Memorial Lecture, European Society of Cardiology, Barcelona
1993	The Distinguished Fraser Mustard Lectureship, McMaster University, Ontario,

	Canada
1993	The Twentieth Annual Arvilla Berger Lecture, New York State Chapter, American College of Cardiology
1993	Lewis A Conner Distinguished Lecture, American Heart Association
1993	Second HJC Swan Honorary Lecture, Cedar Sinai Hospital, Los Angeles, California
1993	Pfizer Traveling Fellow, Clinical Research Institute of Montreal, Montreal, Canada
1993	Distinguished Speaker, The Centre for Cardiovascular Research, Toronto, Canada
1994	The Distinguished Bishop Lecture of the American College of Cardiology
1994	The RT Hall Lecture of the Cardiac Society of Australia and New Zealand
1995	The First Distinguished Lectures in Cardiovascular Medicine - McMaster University (Hamilton Civic Hospitals Research Centre)
1995	Keynote Speaker, AHA The Lipid Nurse Task Force, Arlington, Virginia
1995	Distinguished Speaker - NHLBI - 10th Anniversary National Cholesterol Education Program - Bethesda, Maryland
1996	The Fourth Annual Miriam Lemberg Visiting Professorship in Cardiovascular Disease, University of Miami School of Medicine
1996	Martin Lowenthal Memorial Lecture, Mountainside Hospital, Montclair, New Jersey
1996	Hahnemann University/AOA Chapter Visiting Professorship, Philadelphia, Pennsylvania
1996	Distinguished Speaker, 46th Annual Scientific Sessions of the Maine Affiliate of the American Heart Association, Bethel, Maine
1996	Distinguished Speaker, Symposium Honoring Dr. Henry Blackburn, University of Minnesota, Minneapolis, Minnesota
1996	Calabresi Lectureship, Yale University, New Haven, Connecticut
1996	Keynote Speaker, 11th Annual Meeting American Association of Cardiovascular & Pulmonary Rehabilitation, Baltimore, Maryland
1996	State of the Art Plenary Lecture, European Nuclear Medicine Congress, Copenhagen, Denmark
1996	Keynote Speaker, 12th Annual Cardiovascular Symposium, Hartford Hospital, Hartford, Connecticut
1996	Keynote Speaker, 2nd Annual Lecture in Thrombosis, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma
1996	Keynote Speaker, IX Congreso Nacional de la Sociedad Espanola de Arteriosclerosis, Cordoba, Spain
1997	The Don C. and George C. Sutton Memorial Lecture in Cardiology, The Evanston and Glenbrook Hospitals, Evanston, IL
1997	Bicentennial Professor Lecture, Dartmouth-Hitchcock Med. Sch., Lebanon, NH
1997	Marion Barnhart Plenary Lecture, XVI Congress of the International Society on Thrombosis and Haemostasis, Florence, Italy
1997	Keynote Speaker, Los Cursos de Verano de la Fundacion General de la Universidad Complutense, Madrid, Spain
1997	XVI Interamerican Congress of Cardiology International Society and Federation of Cardiology Special Lecture, Fajardo, Puerto Rico
1997	26th Annual Paul Ware Lecture, Saint Vincent Hospital, Worcester, Massachusetts
1997	The Distinguished Lecturer of the Spanish Society of Cardiology, Granada, Spain

1997	George Herrmann Scholar, The University of Texas Medical Branch at Galveston, Galveston, TX
1998	Anna Borun and Harry Borun Foundation Visiting Professor in Cardiology, UCLA School of Medicine, Los Angeles, CA
1998	Bloomfield-Arnold Lecture, University Hospitals of Cleveland, Case Western Reserve University, Cleveland, OH
1998	XXIII Lorenzini Annual Lecture, XIII International Symposium on Drugs Affecting Lipid Metabolism, Florence, Italy
1998	Robert L. Frye Lecturer, Mayo Clinic, Rochester, MN
1998	Laurence H. Green Lecture, Harvard Medical School, The Brigham and Women's Hospital, Boston, MA
1998	State of the Art Lecture, 2nd International Conference on Coronary Atherosclerosis, Lugano, Switzerland
1998	Lockhart B. McGuire, M.D. Memorial Lecture, University of Virginia School of Medicine, Charlottesville, VA
1998	Keynote Speaker, 28th AHA Michigan Cardiovascular Research Forum, Detroit, Michigan
1999	Keynote Address, Plaque stability: an update. John Hopkins School of Medicine, Baltimore, MD
1998-2000	Distinguished Scientist Award Honorary Lecture, Sociadade Portuguesa de Cardiologia
1999	Keynote Address, The Heart Institute at Medical Center Bayonet Point, Tampa, FL
1999	Visiting Professor, Emory University, Atlanta, GA
1999	Interamerican Society of Cardiology Lecture, Buenos Aires, Argentina
1999	Keynote Speaker, "New Advances in Antiplatelet Therapy", Baylor University, Dallas, TX
1999	Keynote Address, "New Insights into Thrombogenesis", 1st Annual Ronnie Campbell Meeting, Edinburgh, Scotland
1999	Keynote Address, Turkish Society of Cardiology, Istanbul, Turkey
1999	Richter Lecture, Indiana Heart Institute, Indianapolis, IN
2000	Keynote Speaker, John Hopkins Hospital, Baltimore, MD
2000	Distinguished Visiting Scientist, Duke University, Durham, NC
2000	Fellows Visiting Professor, Krannert Institute of Cardiology, Indianapolis, IN
2000	2000 Abbott Lecture, Society of Cardiovascular Anesthesiologists, Orlando, FL
2000	4th Annual Potiker Professor, Cleveland Clinic
2000	The 2000 Robert Reneman CARIM Lecturer, Maastrich University, Netherlands
2000	The 11th Anniversary Lecturer of the Society for Vascular Medicine & Biology, Toronto, Canada
2000	The 2000 Distinguished Lecturer, The University of Western Ontario, Canada
2000	Doctor Honorary Degree, University Coruña, Spain
2000	Honorary Member Real Academy of Medicine, Valencia, Spain
2000	Magistral Lecture, National Congress of Hematology & Thrombosis, Bilbao, Spain
2000	Keynote Address, Plaque Stability Symposium, Johns Hopkins, Baltimore, MD
2000	Honorary Speaker, Uruguay Society of Cardiology, Montevideo, Uruguay
2000	The 2000 Honorary Speaker Ramón y Cajal Foundation & Hospital, Madrid, Spain

2000 Keynote Speaker, American University of Beirut, Beirut, Lebanon
2001 Keynote Speaker, New York Medical College Medical Student Research Forum, Valhalla, NY
2001 Sujoy B. Roy Oration at AIMS, New Delhi, India
2001 Keynote Speaker International Summit on Coronary Artery Disease, Mumbai, India
2001 Keynote Speaker, Congress of the Latin American Society of Interventionalist Cardiology, Mexico City, Mexico
2001 Keynote Speaker, First Annual Louis Albright Symposium, NJ
2001 Dean's Lectureship, Philadelphia, PA
2001 George C.Griffith Lecture, Los Angeles, CA
2001 Mount Sinai School of Medicine Dean's Lecture, New York, NY
2001 Grande Memorial Lecture, Barcelona, Spain
2001 Michaelides Lecture, Athens, Greece
2001 Keynote Speaker, Sociedad Espanola de Cardiologia, Barcelona, Spain
2001 Ethica Award Lecture
2002 Chapman Lecture, Baylor in Houston, TX
2002 Pfizer Visiting Professor, Richmond VA
2002 30th Annual Master Lecture, Orlando, FL
2002 Dr. Nicholson Lecture, Boston, MA
2002 4th Annual Jay N. Cohn Lecture, Minneapolis, MN
2002 Dr. Roman de Sanctis Lecture, Toledo, Spain
2002 James T. Willerson Visiting Professor Lecture, Houston, TX
2003 Hatter Lecture, Capetown, South Africa
2003 Chairman, NHLBI SPARK II Meeting, Bethesda, MD
2003 The Henry Barcroft Lecture, Belfast, No. Ireland
2003 Hildner Lecture, Boston, MA
2003 World Heart Federation Lecture, Toronto, Canada
2003 The Neufield Lecture, ISCP Congress, Barcelona, Spain
2003 Pfizer Visiting Professor, Stanford, CA
2003 KROC Lecture, Charleston, SC
2003 Keynote Speaker, 4th Congress of CIS Assoc. of Cardiology, St. Petersburg, Russia
2003 Johns Hopkins Cardiology Grand Rounds, Speaker, Baltimore, MD
2004 Thomas W. Smith, MD Memorial Lecture, Keynote Speaker, Boston, MA
2004 Mayo Clinic lecture on Valvular Heart Disease, Keynote Speaker, Rochester
2004 Beth Israel Cardiology Grand Rounds, Keynote speaker, New York City
2004 Beaumont Heart Center, Grand Rounds speaker, Detroit, MI
2004 Stanford University Symposium, The Evolving Paradigm for CAD, Keynote Speaker, Stanford, CA
2004 Antithrombotic Therapies, Keynote Speaker, Amsterdam, Netherlands
2004 SCMR Scientific Sessions/EURO CMR 2004, Keynote Speaker, Spain
2004 World Congress, Human Movements and Immigration, Keynote Speaker, Barcelona, Spain
2004 St. Barnabas Health Care System Hospital Symposium, New Jersey
2005 Keynote Speaker, The Eighth International Kawasaki Disease Symposium
2005 Foro de Marcas Renombradas Espanolas, Madrid, Spain
2005 First International Symposium on Prevention of Cardiovascular Diseases Krakow,

	Poland
2005	Cardiovascular Revascularization Therapy, Washington D.C.
2005	25th Anniversary of the Principe de Asturias
2005	Mario R. Garcia-Palmieri Lecture, San Juan, Puerto Rico
2005	Dr. E. Torrado Memorial Lecture, Malaga, Spain
2005	State of the Art Lecture, AHA-NASCI, Amelia Island, FL
2005	Closing Lecture, International Symposium of Cardiology, Barcelona, Spain
2005	Opening Lecture, Catalan Society of Biology, Barcelona, Spain
2005	Honorary Lecture, SEMERGEN, Bilbao, Spain
2005	Distinguished Opening Favaloro Lecture, Buenos Aires, Argentina
2005	Rose Weiss Lecture, Lahey Clinic, Burlington, MA
2005	American Heart Association Distinguished Scientist Keynote Speaker, Dallas, TX
2005	Paul Lichtlen Lecture, Davos, Switzerland
2005	Philippe Coumel Memorial Lecture, Madrid, Spain
2005	Keynote Opening Lecture, International Congress Coronary Intervention, Lausanne, Switzerland
2005	State of the Art Lecture, International Conference on Secondary Care, London, England
2005	Opening Keynote Lecture, International Symposium on Biomarkers, Lugano, Switzerland
2005	State of the Art Lecture, International Symposium on Atherothrombosis, Madrid, Spain
2005	Opening Lecture, Biomedical Institute “Alberto Solis” Scientific Sessions, Madrid, Spain
2005	Keynote Lecture, AHA Nurses Education Meeting, Melville, NY
2005	Dr. Tresch Memorial Lecture, Milwaukee, WI
2005	Keynote Lecture, International Meeting, Modena, Italy
2005	Keynote Lecture, Morristown Cardiovascular Symposium, Morristown, NJ
2005	Keynote Lecture, International Symposium, New Delhi, India
2005	Opening Lecture, International Symposium on Complex Coronary Intervention, New York
2005	Opening Lecture, European Atherosclerosis Society, Prague, Czech Republic
2005	Peter F. Cohn Lecture, Stony Brook, NY
2005	Opening Conference, International Conference on Gene and Stem Cell Therapy, Valladolid, Spain
2006	Opening State of the Art Lecture, International Symposium on Complex Coronary Intervention, New York
2006	Anne & Harry Baron Lecture, UCLA, Los Angeles, CA
2006	State of the Art Lecture, International Symposium on Heart Failure, Madrid, Spain
2006	La Caixa, Honorary Lecture, Madrid, Spain
2006	Professor Cirilo Rozman Lecture, Madrid, Spain
2006	State of the Art Lecture, MRI/CT International Symposium, Madrid, Spain
2006	Roman de Sanctis Lecture, Toledo, Spain
2006	State of the Art Lecture, Ultima Hora Club, Mallorca, Spain
2006	Keynote Address – American Heart Association / American Diabetes Association, San Francisco, CA
2006	Keynote Lecture - Southbury Symposium, Sothbury CT

2006	Keynote Lecture, Global Conference on Heart Health and Disease, Winnipeg, Canada
2006	Honorary Lecture, Mora International Bank, Andorra, Spain
2006	Centennial Honorary Lecture and Hospital, Hospital Clinico, Barcelona, Spain
2006	Ramon y Cajal Lecture, Barcelona, Spain
2006	State of the Art Lecture, MRI International Symposium, Berlin, Germany
2006	State of the Art Lecture, Cedars Sinai Symposium, Los Angeles, CA
2006	Mario Garcia Palmieri (InterAmerican Society of Cardiology) Lecture, Cancun, Mexico
2006	State of the Art Lecture, MRI/CT Symposium, Cannes, France
2006	"WHO-WHF" Expert Presentation, Geneva, Switzerland
2006	State of the Art lecture, Krakow International Symposium, Krakow, Poland
2006	Masterclass Lecture – International Symposium, London, England
2006	Honorary Lecture, CEDE, Mancia, Spain
2007	State of the Art Lecture, Spanish Society of Hypertension, Barcelona, Spain
2007	Keynote Address, Association of Pakistan Cardiologists, New Orleans, LA
2007	Distinguished Opening Lecture, International Meeting on Biomarkers, Berlin, Germany
2007	State of the Art Lecture, SOLACI, Buenos Aires, Argentina
2007	World Heart Federation State of the Art, InterAmerican Society of Cardiology Meeting, Lima, Peru
2007	State of the Art and Closing Lecture, CIEMET, Madrid, Spain
2007	State of the Art Lecture, ESC-EuroPrevent, Madrid, Spain
2007	State of the Art Lecture, IEF, Madrid, Spain
2007	State of the Art Lecturer, Symposium on Atrial Fibrillation, Madrid, Spain
2007	Keynote Lecture, AHA Parsippany Summit, New Jersey
2007	Mayo Clinic 1st Annual Gerald T. Gau Lecture, Rochester, Minnesota
2007	30th Anniversary Andreas Gruntzig Lecture (Zurich, Switzerland)
2007	Keynote Lecture, 2007 Cardiometabolic Health Congress, Boston, MA
2007	Berman Lecture, Cleveland, OH
2007	Speaker, Medical Innovation Summit @ Cleveland Clinic, Cleveland, OH
2007	The Weiden-Perlman Lecture in New York, NY
2007	Lecture, XVI International Symposium at DALM, New York, NY
2007	Keynote Lecture, 30th Anniversary Shaio, Bogota, Colombia
2007	Keynote Speaker, 7th Annual CV Research Symposium at UT Southwestern Medical Center, Dallas, TX
2008	Keynote Speaker, Rome Cardiology Forum
2008	Keynote Speaker, University of Arizona/Sarver Heart Center, Tuscon, AZ
2008	Keynote Speaker, St. Francis Hospital, Topeka, KS
2008	Keynote Speaker, European Academy of Sciences & Arts/Polzer Award, Zurs, Austria
2008	Keynote Speaker, NY Chapter of American College of Physicians Downstate Scientific Meeting, Rye Brook, NY
2008	Keynote Speaker, University of Pennsylvania, Philadelphia, PA
2008	Keynote Speaker, Orbita Symposium, Brussels, Belgium
2008	Keynote Speaker, 30th Current CV Modalities Conference, Melville, NY
2008	Keynote Speaker, Israel Heart Society, Tel Aviv, Israel
2008	Keynote Speaker, CV Cell & Gene Therapy Conference IV, New York, NY

2008	Keynote Speaker, Friesinger Society Meeting/Vanderbilt University, Nashville, TN
2008	Keynote Speaker, Biomechanics in CV Disease, Rotterdam, Netherlands
2008	Keynote Speaker, 77th Eur. Athero. Soc. Congress, Istanbul, Turkey
2008	Keynote Speaker, 4th Annual Chapman lecture, Baylor University, Houston, Texas
2008	Keynote Speaker, New Frontiers, University of Pennsylvania/Penn Hospital, Philadelphia, PA
2008	Keynote Speaker, CIHR-YI Forum, Montreal, Canada
2008	Honorary Government Visit, Montevideo, Uruguay
2008	Keynote Speaker, University of Michigan, Ann Arbor, MI
2008	Special Keynote Speaker, University of Alberta, Edmonton, Canada
2008	Keynote Speaker, Miller School of Medicine/University of Miami, FL
2008	Keynote Speaker, Arrhythmia Symposium/Morristown Memorial Hospital, Morristown, NJ
2009	Keynote Speaker, 57th Scientific Sessions Japanese College of Cardiology, Sapporo, Japan
2011	Honorary Award Lecture, German Cardiac Society, Mannheim, Germany
2011	Opening Lecture, National Congress of Cardiology Argentina, Cordoba, Argentina
2011	Opening Lecture Brazilian Society of Cardiology
2012	Nahum J. Winer Lecture, New York Academy of Medicine, New York, NY
2012	Opening Lecture, French Society of Cardiology, Paris, France
2012	Opening Lecture, Mexican Society of Cardiology, Guadalajara, Mexico
2012	Opening Lecture, Chilean Society of Cardiology, Santiago, Chile
2013	Simon Dack Lecture, ACC Scientific Sessions, San Francisco, CA
2013	Leahey Lecture, Columbia University, New York, NY
2013	Opening Lecture, XXXIX Congress of Cardiology, Buenos Aires, Argentine
2014	Closing Adresss Lecture, Annual CADECI Congress, Guadalajara, Mexico
2014	Opening Lecture, American Heart Association –Life Science Innovation Forum, New York
2014	Special Keynote Speaker, IESE Business School 2nd Sports Management Summit, New York, NY
2014	Keynote Speaker, Stony Brook Heart Institute's CME Symposium, Stony Brook, NY
2014	Keynote Speaker, Global Health ABC 40th Anniversary Scientific Sessions Lecture, Howard University College of Medicine, Washington DC
2014	Keynote Speaker, Chest World Congress, Madrid Spain
2014	State-of-the-Art Lecture, Case Studies from the Heart of Manhattan, Mayo Clinic, Rochester, MN
2014	Keynote Speaker, Twelfth Annual Cardiovascular Disease Prevention International Symposium, Baptist Health South Florida, Miami FL
2014	Keynote Speaker, Lecture, Sesion Clinica General del Servicio de Cardiologia, Hospital Uiversitari Vall d'Hebron, Spain
2014	Keynote Speaker, Lecture, The Lancet, At the Limits: Cardiology, Diabetes & Nephrology, Royal College of Physicians, London, UK
2014	Keynote Speaker, 2014 Preventive Cardiovascular Nurses Association Annual Sumposium, Atlanta, GA

2014	Opening Lecture, 12th International Symposium on Stem Cell Therapy and Cardiovascular Innovations, Hospital Geral Universitario Gregoria Marañon, Madrid, Spain
2014	Opening Lecture, American Association of Clinical Endocrinologist 23rd Annual Scientific and Clinical Congress, Las Vegas, NV
2014	Opening Lecture, International Weinstein Conference on Cardiovascular Development, Spain
2015	Keynote Speaker, Annual CADECI Congress, The Cardiology Legends, Guadalajara, Mexico
2015	Opening Keynote Lecture for the 2015 Society of Cardiovascular Magnetic Resonance/European Cardiovascular Magnetic Resonance Joint Scientific Sessions, Nice, France
2015	Keynote Lecture at Emory University's 2015 Atlanta Clinical Cardiology, Atlanta, GA
2015	Keynote Lecture at Lehigh Valley Health Network's "Update in Cardiology 2015"
2015	Opening Lecture for XVII Simposio Internacional Puesta al día del Tratamiento Antitrombótico en Enfermedad Cardiovascular
2015	Opening Lecture TCTAP 2015 "Transition from Cardiovascular Disease to Health (2015-2020): Subclinical Disease at the Basic, Clinical and Population Level" Seoul, Korea
2015	Keynote Speaker Chair, 20th Annual Scientific Meeting of the International " Society of Cardiovascular Pharmacotheraphy, Buenos Aires, Argentina
2015	Keynote Lecture at ACC's "Bringing Science to Clinical Practice: Best of ACC 2015" Miami, FL
2015	Opening Keynote Lecture at the IESE Business School's Miami Business Summit 2015 Miami, FL
2015	Keynote Lecture, for XXV Congreso Dominicano de Cardiologia, Sociedad Dominicana de Cardiologia, Punta Cana, Republica Dominicana
2015	Keynote Speaker, Bringing Science to Clinical Practice, Best of ACC 2015, American College of Cardiology, Chicago, Illinois
2015	Clossing Lecture "Present and Future of Atherosclerosis Management" 20th Annual Scientific Meeting of the International Society of Cardiovascular Pharmacotherapy (ISCP), Buenos Aires, Argentina
2015	Keynote Lecture, 2015 "Indications for CABG in 2015 and Beyond" AATS: International Coronary Congress New York, NY
2015	Keynote Lecture, Kentucky ACC Chapter Meeting/11th Annual Meeting & Scientific Session "Subclinical Disease of the Heart and the Brain: A Challenge of the Decade", Kentucky
2015	Keynote Lecture, ERS International Congress "Cardiopulmonary research and medicine: translational bridges", Amsterdam, Netherlands
2015	Keynote Lecture, Congreso Internacional de Medicina Cardiovascular de Alta Especialidad, Mexico City, Mexico
2015	Keynote Address at 15th Annual ECHO NY "Future of Cardiovascular Imaging in Promoting Health", New York, NY
2015	Keynote Lecture, "The Highlight of the Current Cardiology: A Movement from Disease to Health", XXI Congreso Ecuatoriano de Cardiología – Quito, Ecuador

2015	Opening Speaker, "Stratified Approach to Health: Integration of Science and Education", 41° Argentine Congress of Cardiology, Buenos Aires, Argentina
2015	Keynote Lecture, "Maintaining Cadiovascular Health: Risk Identification & Modification", Top Ten Advances in Clinical Cardiology, New York, NY
2015	Keynote Lecture, "Promoción de la Salud Cardiovascular", Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain
2015	Keynote Lecture, "From the Vulnerable Plaque to the Burden of Disease", Acute Vascular Imaging Center (AVIC) Symposium, University of Oxford, Oxford, United Kingdom
2015	Keynote Lecture, "Revascularization the SIHD Patient with Multivessel Disease: Clarifying the Decision of PCI vs. CABG", An Expert Forum: Hot Topics in Stable Ischemic Heart Disease Management, Orlando, FL
2015	Keynote Lecture, "Global Epidemic of Cardiovascular Disease, 15th Annual Controvesies Course, Cedars Sinai & California American College of Cardiology Chapter, Los Angeles, CA
2016	Keynote Speaker, "Cardiovascular Prevention: The Next Frontier", University of Brescia, Italy
2016	Keynote Lecture, "New Frontiers of Bioimaging in the Promotion of Cardiovascular Health", ACC India Course, Mumbai, India
2016	Keynote Speaker, "Beyond Anatomy (SYNTAX) and Ischemia (FAME), Microcirculation (BARI), Polypill (FREEDOM)" – Mumbai, India
2016	Keynote Speaker, "Promoting Cardiovascular Health – 2015-2016 Trials: Pre-Schooler, the Adult, the Family, the Community" – Mumbai, India
2016	Keynote Speaker, "Atrial Fibrillation 2016 – The 14 Clinical Challenges: Quality of Life & Preventing Stroke" – Mumbai, India
2016	Keynote Speaker, "The Dilated Thoracic Aorta and Complicating Dissection: Evolving Understanding of the Basic Biology and Management" – Mumbai, India
2016	Keynote Speaker, "The Integration of Leadership & Motivation", Columbia Business School, New York, NY
2016	Keynote Lecture, "Subtle Clinical Challenges in Atrial Fibrillation in 2016", 80th Annual Scientific Meeting of the Japanese Circulation Society, Sendai, Japan
2016	Keynote Lecture, Japanese Circulation Society Annual Scientific Sessions, "Subclinical Disease of the Heart and the Brain: A Challenge of the Decade", Sendai, Japan
2016	Keynote Lecturer, "JACC: A New Look", Japanese Circulation Society Annual Scientific Sessions, Sendai, Japan
2016	Keynote Lecturer, "The Global Burden of Tobacco Use: The Changing Faces of Smokers" – Chicago, IL – ACC Annual Scientific Sessions
2016	Keynote Lecturer, "Best of JACC: 2015", ACC Annual Scientific Sessions, Chicago, IL
2016	Keynote Lecturer, "Insights into JACC and its Selection Process", ACC Annual Scientific Sessions, Chicago, IL
2016	Keynote Lecturer, State of the Art Lecture, "Global Burden of Cardiovascular Disease: Time to Implement Feasible Strategies and to Monitor Results", Mayo Clinic's 2016 "Case Studies from the Heart of Manhattan" – New York, NY
2016	Keynote Speaker, "The Circle of Motivation", King's College, London, UK

2016 Keynote Speaker, "The Polypill – A New Therapeutic Approach", Royal College of Physicians, London, UK

2016 Opening Lecture, "Modern Strategies for Cardiovascular Prevention", University of Rome's "Making a Difference in Medicine – Be Different" – Rome, Italy

2016 Keynote Speaker, "Enfermedad subclinica del corazon y del cerebro. El desafio de le década", Magda Heras Conference, Malaga, Spain

2016 Keynote Speaker, "Las nuevas tecnologías en el diagnóstico de imagen en el paciente con patología cardiovascular. La experiencia en el Hospital Mount Sinai y CNIC", "Less is More", Madrid, Spain

2016 Keynote Lecturer, "Cardiovascular Health: Challenge of the Decade", CPC 2016 Portuguese Congress w/ Portuguese President, Faro, Portugal

2016 Keynote Speaker, "Evolving Trends in the Cardiovascular Field", "Update in Management of Hypercholesterolemia", Dr. Badimon's program, New York, NY

2016 Keynote Lecturer, "Ties between genetics, pathogenesis and prevention of atherosclerosis", XXIV National Congress of Cardiology, Cordoba, Argentina

2016 Keynote Lecturer, "Vulnerable Plaque: From Myth to Reality", XXIV National Congress of Cardiology, Cordoba, Argentina

2016 Opening Lecture, XXXIV National Congress of Cardiology, Cordoba, Argentina

2016 Opening Lecture, "From Disease to Health, from Aging to Birth: An Evolving Challenge", 2016 World Heart Federation's World Congress of Cardiology and Cardiovascular Health, Mexico City, Mexico

2016 Keynote Lecture, "A Global Perspective in Preventing Cardiovascular Disease from Discovery to Policy, The Royal College of Physicians, Endorsed by The Lancet, London, UK

2016 Keynote Lecturer, "Medicina Cardiovascular: presente y future. Las 4 vias comunicación medico-quirugica", XXIIII Congreso de la Sociedad Espanola de Cirugia Toracica y Cardiovascular (SECTCV), Madrid, Spain

2016 Keynote Lecturer, "Promoting Cardiovascular Health Globally from Heart to Head", AAPI Convention 2016, New York, NY

2016 Keynote Lecturer, "Cardiovascular Regenerative Medicine in Perspective: A Clinical View", ESC 2016, Rome, Italy

2016 Keynote Lecturer, "The CV Polypill: An Opportunity for a New Therapeutic Approach", ESC 2016, Rome, Italy

2016 Keynote Lecturer, "Global Burden of CVD – Shifting the Paradign from Evaluation and Management Towards Prevention", ACC Latin America Program 2016, Mexico City, MX

2016 Keynote Lecturer, "Complexities of the Acute Coronary Syndrome", ACC Latin America Program 2016, Mexico City, MX

2016 Keynote Lecturer, "My Future", ACC Latin America Program 2016, Mexico City, MX

2016 Keynote Lecturer, "Complexities of Stable CAD – CABG, PCI, OMT, Microcirculation", ACC Latin America Program 2016, Mexico City, MX

2016 Keynote Lecturer, "Complexities of AF & Stroke, Carotid & PVD", ACC Latin America Program 2016, Mexico City, MX

2016 Keynote Lecturer, "Future of Cardiovascular Health in Promoting Health", 16th Annual ECHO NY, New York, NY

2016 Keynote Lecture, "Cardiovascular Medicine in Modern Times", LMCmed

Forum - Vienna, Austria

2016 Keynote Lecture, "Papel del Journal of American College of Cardiology en la promocion de la salud cardiovascular de la mujer", Congreso de a SEC 2016, Zaragoza, ES

2016 Keynote Lecture, "Funcion cognitiva y aterosclerosis: una relación intima", Congreso de a SEC 2016, Zaragoza, ES

2016 Keynote Lecture, "Subclinical Disease of the Heart and the Brain: A Challenge of the Decade", (C3) Complex Cardiovascular Catheter 2016, Orlando, Florida

2016 Guest Speaker, Coca-Cola European Partners Pic, Board of Directors' Meeting, London, UK

2016 Lecture, "Subclinical Disease of the Heart and the Brain: A Challenge of the Decade, 2016 Annual Wilbert J. Keon Endowed Lecture, University of Ottawa Heart Institute, Ontario, Canada

2016 Keynote Lecture, "Promoting Cardiovascular Health Globally: From Heart to Brain", Eternal Heart Conclave 2016, Jaipur, India

2016 Keynote Lecture, "The Global State of Health and Wellness", 1st Annual Mount Sinai Advanced Heart Disease Symposium, New York, NY

2016 Lecturer, 2016 – 2017 Han Hecht, University of Chicago, IL

2016 Keynote Speaker, "A Personal Mission to Impact Cardiovascular Health: It Must Start with Children", TCT 2016, Washington DC

2016 Keynote Lecture, "New Frontiers in Cardiovascular Scientific and Funding Challenges from Disease to Health, From Aging to Birth", ACC's 49th Annual New York Cardiovasclar Symposium, New York, NY

2016 Keynote Lecture, "Complex Stable CAD – Evolving Management Strategies Anatomy (SYNTAX), Ischemia (FFR), and the Microcirculation (PET, CT, MRI)", ACC's 49th Annual New York Cardiovasclar Symposium, New York, NY

2016 Keynote Lecture, "Atrial Fibrillation 2016 – The Fourteen Non-ablation Clinical ChallengesQuality of Life and Preventing Stroke", ACC's 49th Annual New York Cardiovasclar Symposium, New York, NY

2016 Keynote Lecture, "The Dilated Thoracic and Abdominal Aorta and Complicating Dissection Evolving Understanding of the Basic Biology and Management", ACC's 49th Annual New York Cardiovasclar Symposium, New York, NY

2017 Keynote Lecture, "The Highkight of the Current Cardiology, A Movement from Disease to Health", Utah Cardiac Recovery Symposium, University of Utah School of Medicine, Salt Lake City, UT

2017 Keynote Lecture, "Promoting Cardiovascular Health Globally: From Heart to Brain", Rush University Grand Rounds, Chicago, IL

2017 Keynote Lecture, "Atrial Fibrillation – the Fourteen Non-Ablation Challenges Quality of Life and Preventing Stroke", 7th Annual ACC-India Cardiovascular Symposium, Mumbai, India

2017 Keynote Lecture, "Promoting Cardiovascular Health – 2017 – 2020 Science & Technology vs. Education or Both", 7th Annual ACC-India Cardiovascular Symposium, Mumbai, India

2017 Keynote Lecture, "The New Frontiers in the Field of Tissue Regeneration in the Ischemic CardiomyopathicVentricle", 7th Annual ACC-India Cardiovascular Symposium, Mumbai, India

2017 Keynote Lecture, "The New Frontiers in the Field of Omics in a Personalized Cardiovascular Disease Management", 7th Annual ACC-India Cardiovascular

Symposium, Mumbai, India

2017 Keynote Lecture, "The New Frontiers of Transitionfrom CVD to CV Health from the Aging & Advanced CVD to the Youth & Healthy Lifestyle", 7th Annual ACC-India Cardiovascular Symposium, Mumbai, India

2017 Keynote Lecture, "Transformation of Cardiology from the Past 20 Years to the Next 20 Years", CRT 2017, Washington, D.C.

2017 Plenary Lecture, "Non-Invasive Evaluationof Subclinical Atherosclerotic Disease Burden: A Powerful Prognostic Tool Implicating Heart, Brain and Aging", CADECI 2017, Guadalajara, Mexico

2017 Keynote Lecture, "Complex Stable CAD—Evolving Managements Anatomy (SYNTAX), Ischemic (FFR) and Microcirculation (PET, CT, MRI)", CADECI 2017, Guadalajara, Mexico

2017 Lecture, "Insights into JACC and its Selection Process", ACC 2017 Scientific Sessions, Washington, D.C.

2017 Keynote Lecture, "The Dilated Thoracic and Abdominal Aorta. Complicting Dissection/Rupture and Management", ACC 2017 Scientific Sessions, Washington, D.C.

2017 Keynote Lecture, "Atrial Fibrillation – the Fourteen Non-Ablation Challenges Quality of Life and Preventing Stroke", ACC 2017 Scientific Sessions, Washington, D.C.

2017 Lecture, "Evolving Scientific Approaches to the Promotion of Cardiovascular Health", The 34th Editionof the Conoscere e Curareil Cuore 2017 Congress, Florence, Italy

2017 Lecture, "Making the Head, Heart and Vascular Link: CVD Risk Factors and Dementia", PCNA Cardiovascular Nursing Symposium, Denver, CO

2017 Keynote Lecture, "Promoting Cardiovascular Health Globally: From Heart to Brain", 83rd Annual Meeting of the German Cardiac Society, Mannheim, Germany

2017 Master Lecture, "Early Detection of Subclinical Atherosclerosis", 2017 Peruvian Cardiology Congress, Lima, Peru

2017 Keynote Lecture, "Importance of the Primordial Prevention of Cardiovascular Diseases", 2017 Peruvian Cardiology Congress, Lima, Peru

2017 Keynote Lecture, "New Frontiers in Cardiovascular Disease", 10th Annual Inova Heart & Vascular Institute, Washington, D.C.

2017 Keynote Lecture, "Evolving Scientific Approaches to the Promotion of Cardiovascular Health", 3 Reunion de Expertos en Enfermedad Cardiovascular, Madrid, Spain

2017 Keynote Lecture, "Evolving Scientific Approaches to the Promotion of Cardiovascular Health", Igor F. Palacious Lectureship, Texas Heart Institute, Baylor College of Medicine, Houston, TX

2017 Keynote Lecture, "Ultrasound in Subclinical Artherosclerosis", ASE 28th Annual Scientific Sessions, Baltimore, MD

2017 Keynote Lecture, "Evolving Scientific Approaches to the Promotion of Cardiovascular Health", British Heart Foundation Centre for Cardiovascular Science Annual Symposium 2017 Edinburgh, Scotland

2017 Keynote Lecture, "KW Donald Memorial Lecture", UoE/BHF Centre for Cardiovascular Science Symposium Day, Little France

2017 Keynote Lecture, “Challenges for health research”, European Commission Scientific Panel for Health, Brussels, Belgium

2017 Keynote Lecture, “What does cardiac regeneration mean? Cells, genes, anything else?”, 14th International Symposium on Stem Cell Therapy and Cardiovascular Innovations & Congreso Gallego-Asturiano de Cardiología, Madrid, Spain

2017 Keynote Lecture, “Evolving Scientific Approached to the Promotion of Cardiovascular Heath”, A-CURE Symposium, ISCP, & 2017 ESC Congress, Barcelona, Spain

2017 Keynote Lecture, “Evolving Scientific Approaches to the Promotion of Cardiovascular Health”, Gunnar Keynote Lecture at The University of Illinois at Chicago, Chicago, IL

2017 Keynote Lecture, “A new frontier in the cardiovascular field: the science of health”, 50th Anniversary of The Sociedad Castellana de Cardiologia, Madrid, Spain

2017 Keynote Lecture, “Cardiology: A Look to the Future”, IV International Congress Cardiology, Fundacion Clinica SHAIO, Colombia

2017 Keynote Lecture, Future of Arterial 3D Ultrasound Imaging as a Tool for Promoting Health, 17th Annual Echo New York, New York, NY

2017 Opening Lecture, “Health in the Context of Science, Education & Mandate”, 28th Great Wall International Congress of Cardiology, Beijing, China

2017 Opening Lecture, Spanish Society Cardiology National Medical Meeting, Madrid, Spain

2017 Keynote Lecture, 150th Commemorative Lecture of the Children Hospital Sant Joan de Déul, Barcelona, Spain

2017 Keynote Lecture, Mount Sinai Advanced Heart Disease Symposium, New York, NY

2017 Keynote Lecture, "Scientific basis of promotinghealth: future directions”, 72nd Annual Brazilian Congress of Cardiology, Sao Paulo, Brazil

2017 Closing Lecture, “Future Perspectives”, 2017 AHA Scientific Sessions Anaheim, CA

2017 Keynote Lecture, “My Future”, ACC's “How to Become a Cardiovascular Investigator”, Washington, DC

2017 Keynote Lecture, “Careers in Clinical Cardiovascular Research, View of an Editor”, ACC's “How to Become a Cardiovascular Investigator”, Washington, DC

2017 Keynote Lecture, “How to Choose a Research Project and Write a Paper”, ACC's “How to Become a Cardiovascular Investigator”, Washington, DC

2017 Keynote Lecture, “CVD Research and Journals: A Perspective”, ACC Asia Pacific Conference 2017, Shanghai, China

2017 Keynote Lecture, “The Path to Publishing in JACC: Lessons from the Editor”, ACC Asia Pacific Conference 2017, Shanghai, China

2018 Keynote Lecture, “Vascular 3D Ultrasound in Subclinical Disease – 12,000 Subjects Feasible, Predictable, Preventable and —Inflammatory”, ACC Mumbai Cardiovascular Symposium Mumbai, India

2018 Keynote Lecture, “A Retroactive Transition from Imaging to Behavior – 50,000 Subjects From DBD & Alzheimer’s in the Elderly to Promoting Health in Children”, ACC Mumbai Cardiovascular Symposium Mumbai, India

2018 Keynote Lecture, “Progress in Genetic Medicine – An Accelerated Mode Clinical Genetics, IPSC, Drug Screen, Gene Editing, Gene Therapy”, ACC

Mumbai Cardiovascular Symposium Mumbai, India

2018 Keynote Lecture, “Complex Stable CAD – Evolving Managements Anatomy (SYNTAX), Ischemic (FFR) & Microcirculation (PET, CT, MR)”, ACC Mumbai Cardiovascular Symposium Mumbai, India

2018 Keynote Lecture, “Atrial Fibrillation – The 14 Non-Ablation Challenges Who? How? When?”, ACC Mumbai Cardiovascular Symposium Mumbai, India

2018 Keynote Lecture, “The Dilated Thoracic & Abdominal Aorta and Dissection Evolving Understanding of the Basic Biology & Management”, ACC Mumbai Cardiovascular Symposium Mumbai, India

2018 Keynote Lecture, “The Future of Imaging in Subclinical Atherosclerosis (Experience in 12,000 Subjects)”, Cardiovascular Imaging 2018 Frankfurt, Germany

2018 Keynote Lecture, “Microcirculation,Microinfarcts and Cardiovascular Disease”, ACC 2018 Scientific Sessions Orlando, FL

2018 Keynote Lecture, “Vascular 3D Ultrasound in Subclinical Systemic Disease - 12,000 Subjects Feasible, Predictable, Preventable and “Inflammatory”, ACC 2018 Scientific Sessions Orlando, FL

2018 Keynote Lecture, “Complex CAD - Interventional vs Optimal Medical Therapy (OMT) Anatomy (SYNTAX), Ischemic (FFR/iFR), Microcirculation (PET, CT, MR)”, ACC 2018 Scientific Sessions Orlando, FL

2018 Keynote Lecture, “Year in Review Speaker”, ACC 2018 Scientific Sessions Orlando, FL

2018 Keynote Lecture, “Best of JACC 2017”, ACC 2018 Scientific Sessions Orlando, FL

2018 Keynote Lecture, “New Frontiers in Health: The Heart and The Brain”, Hispanic Congress on Heart Failure and Secondary Heart Valve Disease, New York, NY

2018 Keynote Lecture, “Evolving Scientific Approaches to the Promotion of Cardiovascular Health, Aging and Cognitive Function”, Conoscere e Curare il Cuore 2018 Florence, Italy

2018 Loyola University Hospital Cardiology Grand Rounds & State of the Heart Invitation, State of the Heart Cardiology Lecture,"The Scientific Bases of Health: The Two Extremes of Life" Speaker, Maywood, IL

2018 Loyola University Hospital Cardiology Grand Rounds & State of the Heart Invitation, Medicine Grand Rounds Lecture“Subclinical Arterial Disease: Imaging, Omics, and Behavior” Speaker, Maywood, IL

2018 Mayo Clinic - Phoenix Campus Grand Rounds Lecture, “Subclinical Arterial Disease: Imaging, Omics and Behavior”, Phoenix, AZ

2018 Key Lecture, “Imaging and CVD Risk Estimation (Population Studies)”, 86th EAS Congress, Lisbon, Portugal

2018 Loyola University of Chicago Cardiology Grand Round Lecture, "The Scientific Bases of Health: The Two Extremes of Life", Chicago, IL

2018 Loyola University of Chicago Medicine Grand Round Lecture, “Subclinical Arterial Disease: Imaging, Omics, and Behavior”, Chicago, IL

2018 Memorial Sloan Kettering Cardio-Oncology Symposium, “New Frontiers in the Cardiovascular Field: The Science of Health”, New York, NY

2018 Key Lecture, “The Evolving Science of Health: Genetics, Imaging and Behavior” 65th Annual Conference of the Israel Heart Society, Tel Aviv, Israel

2018 Key Lecture, “30 Years of the Evolving Plaque” Long Island Heart, State-of-the-

Art Cardiovascular Care for the Clinician, Long Island, NY

2018 University of Michigan Cardiovascular Medicine Grand Rounds, "New Frontiers in the Cardiovascular Field: The Science of Health", Ann Arbor, MI

2018 Opening Lecture, "The Scientific Basis of Health through Imaging, Omics and Behaviour", 52nd Annual Scientific Meeting of the ESCI (European Society of Clinical Investigation), Barcelona, Spain

2018 Keynote Lecture, "The Frontiers of Health at Both Ends of Life", XXXIX Congress of the Society of Cardiology of the State of Sao Paulo, Sao Paulo, Brazil

2018 Opening Ceremony Lecture, "New Frontiers in Health: The Heart and The Brain", XXX Congreso Centroamericano y del Caribe de Cardiologia y IX Congreso Cubano de Cardiologia, Havana, Cuba

2018 Brigham and Women's Cardiovascular Grand Rounds Lecture, "Subclinical Arterial Disease: Imaging, Omics, and Behavior", Boston, MA

2018 Keynote Lecture, "The Evolving Science of Health: Imaging, Genetics, and Behavior", XVIIIth International Symposium on Atherosclerosis, Toronto, Ontario, Canada

2018 Keynote Speaker, "Evolving Approaches to the Promotion of Vascular Health: From Adolescence to Adulthood", The Complex Aortic & Vascular Symposium, The Mount Sinai Hospital, NY

2018 Keynote Speaker, "Imaging, Omics and Behavior as Basis of Cardiovascular Health", Complex Coronary, Valvular and Vascular Cases Symposium, The Mount Sinai Hospital, NY

2018 Keynote Speaker, "Cardiovascular Disease: From Genes to Environment?", Complex Coronary, Valvular and Vascular Cases Symposium, The Mount Sinai Hospital, NY

2018 Keynote Lecture, "Debate - Saving lives beyond adherence", 2018 ESC Congress Munich, Germany

2018 Keynote Lecture, "Risk Prevention: From Genes to Imaging", 2018 ESC Congress Munich, Germany

2018 Keynote Lecture, "JACC's Year in Cardiology: CVD: The Scientific Bases of Health", 2018 ESC Congress Munich, Germany

2018 Keynote Lecture, "Scientific Bases of Health: Imaging, Omics and Behavior", Hugh Sinclair Lecture at Cambridge & Oxford, UK

2018 Keynote Lecture, "Does the Polypill Enhance Drug Adherence and Improve Cardiovascular Outcomes", TCT 2018 San Diego, CA

2018 Keynote Lecture, "The Future of Health Are Our Children (Based on 50,000 subjects)", 16th Annual CHFR Symposium on Heart Failure Oslo, Norway

2018 Keynote Lecture, "New Frontiers in the Cardiovascular Field: The Science of Health", 16th Annual CHFR Symposium on Heart Failure Oslo, Norway

2018 Keynote Lecture, "Subclinical Arterial Disease: Imaging, Omics, and Behavior", 2018 Montefiore Preventive Cardiology Conference, New York, NY

2018 Mass General Hospital Cardiology Grand Rounds Lecture, "The Evolving Science of Health: Imaging, Genetics and Behavior", Mass General Hospital, Boston, MA

2018 Opening and Welcoming Lecture, "Choosing the Right Career", Careers in Cardiology: Choosing Your Path, American Heart Association, New York

2018 Keynote Lecture, "My Personalized Future", ACC CV Investigators Course, Washington, DC

2018	Keynote Lecture, "Careers in Clinical Cardiovascular Research, View of an Editor", ACC CV Investigators Course, Washington, DC
2018	Keynote Lecture, "Beyond 2018: A Crystal Ball View", 2018 AHA Scientific Sessions, Chicago, IL
2018	Keynote Lecture, "Long-term Survival following Multivessel Revascularization in Patients with Diabetes: the FREEDOM Follow-on Study", 2018 AHA Scientific Sessions, Chicago, IL
2018	Keynote Lecture, "Strategies for Shifting the Paradigm from Evaluation and Management Towards Prevention", ACC's 3rd Annual Latin American Conference, Lima, Peru
2018	Keynote Lecture, "Scientific Bases of Health: Imaging, Omics and Behavior", The Sir James MacKenzie Memorial Lecture, The 90th Annual NY ACC Scientific Session, New York, NY
2018	Opening Lecture, "New Frontiers in Health: The Heart and The Brain", 29th Annual Great Wall International Congress of Cardiology, Beijing, China
2018	Opening Lecture, World Congress of Cardiology, Dubai, United Arab Emirates
2018	Keynote Lecture, "Noninvasive Approach to Subclinical Arterial Disease in 12,000 Subjects Burden of Disease has Prognostic Value thru Imaging and Omics", New York Cardiovascular Symposium, New York
2018	Keynote Lecture, "Complex Stable CAD – Evolving Managements Anatomy (SYNTAX), Ischemic (FFR, iFR) & Microcirculation (PET, CT, MR)", New York Cardiovascular Symposium, New York
2018	Keynote Lecture, "JACC Seminar: Four Challenges to Enhance Eight Health Factors; 1) Pathophysiological Effects 2) Mechanistic/Triggering Factors 3) Role of Prevention Action 4) Competencies for Training", New York Cardiovascular Symposium, New York
	Keynote Lecture, "Atrial Fibrillation 2018 – The 14 Non Ablation Clinical Challenges Quality of Life & Preventing Stroke", New York Cardiovascular Symposium, New York
2018	Keynote Lecture, "The Future of Health Education Starting at Pre-School Results in 4,000 Children, at Short, Middle and Long Term", New York Cardiovascular Symposium, New York
2019	Keynote Lecture, "New Frontiers in Coronary and Cerebrovascular Disease Genetics vs. Environment", ACC India Symposium, Delhi, India
2019	Keynote Lecture, "New Frontiers in Coronary and Cerebrovascular Health Behavior Modification at Individual, Community and Political Levels", ACC India Symposium, Delhi, India
2019	Keynote Lecture, "Stable Multivessel Coronary Disease & the Microcirculation CABG vs. PCI vs. OMT - 2018 ", ACC India Symposium, Delhi, India
2019	Keynote Lecture, "Atrial Fibrillation – The 14 Non-Ablation Challenges Who? How? When?", ACC India Symposium, Delhi, India
2019	Keynote Lecture, "Thoracic & Abdominal Aorta: Dilation and Dissection Evolving Understanding of the Basic Biology & Management", ACC India Symposium, Delhi, India
2019	Keynote Lecture, "Subclinical Arterial Disease: Imaging, Genetics and Behavior", Cardiology Grand Rounds at the Texas Heart Institute, Houston, TX

2019	Keynote Lecture, “The Evolving Science of Health: Imaging, Genetics and Behavior”, Sobel Visiting Professorship at The University of Vermont, Burlington, VT
2019	Keynote Lecture, “ Transition from Thrombotic to Subclinical and Arterial Diseas: Imaging, Genetics and Behavior”, First Marc Verstraete International Lecture, Rome, Italy
2019	Inaugural Lecture, “Current Aspects of Cardiovascular Health: From Imaging to Genes”, Cardio Excellence, New York, NY
2019	Keynote Lecture, “New Frontiers in Coronary and Cerebrovascular Disease Genetics vs Environment”, 2019 ACC Scientific Sessions New Orleans, LA
2019	Keynote Lecture, “Stable Multivessel Coronary Disease & the Microcirculation CABG vs PCI vs OMT”, 2019 ACC Scientific Sessions New Orleans, LA
2019	Keynote Lecture, “Atrial Fibrillation - The 14 Non-Ablation Challenges Who?, How?, When?”, 2019 ACC Scientific Sessions New Orleans, LA
2019	Keynote Lecture, “NOAC Use in “Special Populations”: CKD, Liver Disease, Obesity, Elderly”, 2019 ACC Scientific Sessions New Orleans, LA
2019	Keynote Lecture, “Year in Review Speaker”, 2019 ACC Scientific Sessions New Orleans, LA
2019	Keynote Lecture, “Biological treatments to cure the heart. Is there a room?” 16th International Symposium on Cardiovascular Regeneration and Repair, Madrid, Spain
2019	Keynote Lecture, “New Frontiers in Health: the Heart & the Brain”, Korolinska Institute, ACES/SFFS & Embasy of Spain, Sweden
2019	Opening Keynote Speaker, Cardiology 2020 and Beyond: Innovations and New Practices, South Nassau Communities Hospital, NY
2019	Honored Guest Lecture, “Global Health Initiatives to Address Undertreatment in Cardiovascular Disease” American Association for Thoracic Surgery, 99th Annual Meeting, Toronto, Canada
2019	Keynote Lecture at 3rd Annual Heart in Diabetes Conference after receiving the “Luminary in Cardiometabolic Medicine” Award, MEEF (Metabolic Endocrine Education Foundation), Philadelphia, PA
2019	Inaugural Honorary Fellow Lecture at the 2019 Annual American Society for Preventive Medicine Congress, San Antonio, TX
2019	Keynote Lecture at Special Visit hosted by the President of The Republic of Slovenia, Ljubljana, Slovenia
2020	Keynote Lecture, 2020 Cardiovascular Roundtable for the European Society of Cardiology, Amsterdam, Netherlands
2020	Andrew Rae Gilchrist Keynote Lecture, Royal College of Physicians, Edinburgh, Scotland
2020	Opening Lecture at The 31st Great Wall International Congress of Cardiology (GW-ICC), Beijing, China
2020	2020 Mark E Josephson Memorial Lecture at the Virtual 15th Annual VT Symposium, New York, NY
2020	Keynote Lecture at the 4th Eternal Heart Conclave 2020, Jaipur, India
2020	2020
2020	Closing Lecture of the Annual Favaloro Cardiovascular Symposium, Buenos Aires, Argentina

2020	Inaugural Lawrence J Kanter Lectureship in Cardiovascular Teaching, Care and Research, Case Western Reserve Universtiy, Cleveland, OH
2020	Opening Keynote Lecture at ICI 2020 Global Digital Summit for Cardiovascular Interventions, Tel Aviv, Israel
2020	Opening Lecture for CONAREC 2020 Virtual Conference, Buenos Aires, Argentina
2021	Keynote Lecture, Prince Mahidol Award Conference 2021, Bangkok, Thailand
2021	Keynote Lecture, ESC Acute CardioVascular 2021, Paris, France
2021	Special Lecture by International Honorary Member, 85th Annual Meeting of the Japanese Circulation Society, Yokohama, Japan
2021	DeBakey Grand Rounds – Winters' Lecture, Houston Methodist, Houston, TX
2021	Keynote Lecture, 37th Annual Cardiovascular Congress in Uruguay Montevideo, Uruguay
2021	Keynote Lecture, 2021 Domincan Republic Cardiology Congress Santo Domingo, Dominican Republic
2021	Opening Lecture, 2021 Cardiology Excellence Symposium Madrid, Spain
2021	Keynote Lecture, XLVI International Course of Internal Medicien Mexico City, Mexico
2022	Honorary Awardee for the Prince Mahidol Foundation, Bangkok, Thailand
2022	Conferencia Magistral, 40th Congreso Imagen Cardiaca Sociedad Espanola de Cardiologia, Spain
2022	Inaugural Mikamo Lecture, 2022 Japanese Circulation Society Lecture Kobe, Japan
2022	Keynote Speaker, Transcather Interventions Online Conference New York, NY, USA
2022	Inaugural L. George Veasy Memorial Lecture, University of Utah Salt Lake City, UT, USA
2022	Keynote Speaker, 37th Meeting on Clinical Cardiology in Greece Athens, Greece
2022	Dinon Memorial Lectureship, University of Pennsylvania Philadelphia, PA, USA
2022	Keynote Lecture, XXXIX Congreso Nacional de Cardiologia
2022	Premio Know Square a la Trayectoria Divulgativa Ejemplar.
2022	Premio Extraordinario a la Mejor Trayectoria Profesional en Adherencia en la V Edición de los Premios OAT Adherencia.
2022	Galardón Iberoamericano de Gastronomía Saludable
2022	Victor J. Dzau, M.D., Distinguished Lecture in Cardiovascular Medicine, Stanford, CA, USA
2022	Opening Lecture, World Congress of Cardiology, Rio de Janeiro, Brazil
2022	Transcatheter Cardiovascular Therapeutics (TCT) Career Achievement Award, Boston, MA, USA
2022	Opening Lecture, The Mark E. Josephson Twenty-Eight Annual State of the Art Arrhythmia, Philadelphia PA USA
2023	Keynote Lecture, Royal College of Physicians of Edinburg, UK
2023	Keynote Speaker, 20th Louis DelGuercio Research Day, Westchester Medical Center and New York Medical College, Valhalla, New York
2023	Scientific Merit Gold Medal of the City of Barcelona, Spain

2023	Keynote Lecture, Guys and St. Thomas NHS Trust, St. Thomas, USA Virgin Island
2023	Keynote Lecture, University of Washington Samson Visiting Lecturers, Seattle, WA USA
2023	Honorary Fellowship Award, Royal College of Physicians and Surgeons of Glasgow, UK
2023	Keynote Lecture, Louis R. Dinon Memorial Lectureship, University of Pennsylvania, PA USA
2023	Dr. Valentin Fuster Scientific Award, American College of Cardiology – New Orleans, LA
2023	Opening Lecture, 2023 National Congress of Cardiology – Mendoza, Argentine
2023	Keynote Lecture, 2023 Dominican Congress of Cardiology & II Congress of Cardiovascular Surgery – Punta Cana, Dominican Republic
2023	Keynote Lecture, GRC – Atherosclerosis Gordon Research Conference, Barcelona, Spain
2023	Closing Lecture, 2023 World Congress of Non-Communicable Diseases, Toronto Canada
2024	Keynote Lecture, XLII Memorial Fernandez-Cruz, Fundacion Fernandez-Cruz, Real Academia Nacional de Medicina Española, Madrid, España
2024	Keynote Lecture, 24th Mariano Alimurung Memorial Lecture, Manila, Philippine
2024	Closing Lecture, XXXIII Congreso Nacional de Cardiologia, Sociedad Mexicana de Cardiologia, Guerrero, Mexico
2024	Keynote Lecture, 80th Anniversary Instituto Nacional de Cardiologia Ignacio Chavez, Mexico CDMX, Mexico
2024	Opening Lecture, Argentine Congress of Cardiology, Buenos Aires, Argentina
2024	Opening Lecture, American Heart Association Scientific Sessions, Chicago USA
2024	Keynote Lecture, British Heart Foundation Scotland Desmond Julian Research Lecture, Edinburg, United Kingdom
2025	Opening Plenary Lecture, European Society of Molecular Imaging, Bilbao, Spain
2025	Keynote Lecture, Congreso Peruano de Cardiologia, Sociedad Peruana de Cardiologia, Lima, Peru
2025	Keynote Lecture, Heart Summit, Royal College of Surgeons, Dublin, Ireland
2025	Opening Lecture, Congreso Interamericano de Cardiologia, Cartagena, Colombia
2025	Inagural Annual World Heart Federation Oration at the European Society of Cardiology Congress and WHF World Congress of Cardiology, Madrid, Spain
2025	Keynote Lecture, NIH, Emerging Technologies for Coronary Artery Disease (CAD) Imaging: Vision 2040, Washington, DC, USA
2025	Keynote Lecture, Top Ten in Cardiology, New York, USA
2025	Closing Lecture, 8th Annual Regional School of Hipertension and Cardiovascular Prevention, Punta Cana, Dominican Republic
2025	Keynote Lecture, 13th International Medical Congress European University of Cyprus, Nicosia, Cyprus
2025	Keynote Lecture, 22nd Global Cardiovascular Clinical Trialists Forum, Washington, DC, USA
2025	Keynote Lecture, Special Paul Hamilton Wood Lecture, The Royal Society of Medicine, London, UK
2026	Keynote Lecture, PRISM PCI Conclave 2026, Vapi, India
2026	Wilson Visiting Professor, Lecturer at University of Michigan, Detroit

2026	Keynote Lecture, CardioMet Symposium, Toronto, Canada
2026	Keynote Lecture, Eighth Annual Houston Shock Symposium, Houston, Texas
2026	Keynote Lecture, American Society for Preventive Cardiology Imaging Symposium, New York, NY
2026	Keynote Lecture, VI International Congress of Cardiology, Bogota, Colombia
2026	Keynote Lecture, The Glorney-Raisbeck, New York Academy of Medicine, New York, NY
2026	Opening Lecture, XLIII National Congress of Cardiology, Buenos Aires, Argentina
2026	Keynote Lecture, Karolinska University Hospital, Stockholm, Sweden

Memberships in Professional Societies:

1972	Society of the Sigma XI
1973	International Society on Thrombosis and Haemostasis
1973	Member of the Subcommittee on Platelet Nomenclature of the International Committee on Haemostasis and Thrombosis2021
1974	European Society for Clinical Investigation
1976	American Heart Association, Council on Thrombosis,
1977	American College of Cardiology, Fellow,
1978	Member of the Central Society for Clinical Research
1978	American Heart Association, Council on Circulation
1981	Research Committee, Minnesota Heart Association
1981	Chairman, Cardiovascular Society, Mayo Clinic
1982	Medical Committee, Heart Research Foundation, New York
1982	American Heart Association, Member of the Executive Committee, Council on Thrombosis,
1983-1996	Corresponding Member of the British Cardiac Society
1983	Advisory Board, VA Study on Coronary Artery Bypass Surgery and Platelet Inhibitors
1983	Educational Committee, New York Heart Association
1984	Board of Directors, New York Cardiological Society
1984	American College of Cardiology, Residency Review Committee for Subspecialty of Cardiology (Accreditations Council for Graduate Medical Education)
1985	American College of Cardiology, Library Committee,
1985	National Institute of Health, Monitoring Committee, TIMI Trial
1985	Committee Member of the National Conference on Antithrombotic Therapy (American College of Chest Physicians)
1986	Member of the Research Council American Heart Association (New York Affiliate)
1986	American Society for Clinical Investigation (“Young Turks”)
1986	Member of the National Cholesterol Education Committee, National Institute of

	Health
1987	Committee Member of the Subspecialty Board of Cardiovascular Diseases
1987	Member of the Board of Directors, New York Heart Association
1987	Member of the Subcommittee on von Willebrand Factor of the International Committee on Haemostasis and Thrombosis
1987	ACC/AHA, Member of the Committee for Guidelines on Management of Acute Myocardial Infarction
1987	Consultant, New York State Advisory Committee on Cardiovascular Diseases
1987	Board of Directors, New York Heart Association
1988	National Institutes of Health, Monitoring Committee, Saphenous Vein Bypass Graft Disease Prevention
1988	American College of Cardiology - Chairman, Library Committee,
1988	American College of Cardiology - Member, Educational Program Committee
1989	Faculty Member, Lambda Chapter of Alpha Omega Alpha
1989	American College of Cardiology - Member, Task Force on Self-Assessment
1989	American Heart Association (New York Affiliate) - Chairman, Professional Education Committee
1989	Member, Alpha Omega Alpha Honor Medical Society
1989	Member, Executive Committee, New York Heart Association
1989	Member, Association of Professors of Cardiology
1990	Member, Int. Soc. of Cardiovascular Pharmacotherapy
1990	Member, European Society of Cardiology
1990	Member, Committee on Inter-American Society of Cardiology
1991	American College of Cardiology - Member, Credentials Committee
1991-2003	American College of Cardiology – ACCEL, Associate Editor
1991	Fellow, American College of Chest Physicians
1991	American Heart Association, Member of the Scientific Publishing Committee
1991	NHLBI - Chairman, Data Safety and Monitoring Board of Left Ventricular Assist Systems
1991	NHLBI - Member, Cardiovascular Advisory Committee
1992	Advisory Board, United Patient's Association for Pulmonary Hypertension
1992	Trustee, College of the Atlantic (Bar Harbor, Maine)
1992	Councilor of the Association of University Cardiologists
1992	American Heart Association - Member of the Vascular Lesions Committee
1992	Harvard Medical School, Committee to Develop a Clinician-Teacher Ladder
1992	Member, Committee on Training Cardiovascular Specialists, Association of Professors of Cardiology
1992	Member, Steering Committee of the ECLA2/RAPT Study, Janssen Research Foundation
1992	AHCPR - NHLBI Member, Expert Panel to Set National Guidelines for the Management of Unstable Angina
1992	Member, Executive Committee of the MGH Laser Center
1992	Member, The Massachusetts Medical Society
1993	President, Board of Directors, Vila Medieval of Cardona Foundation (Spain)
1993-1998	American College of Cardiology - Board of Trustees
1993	American College of Cardiology-Co-Chairman, 42nd Annual Scientific Session
1993	American College of Cardiology - Chairman, Credentials Committee
1993	Fellow of the Royal College of Physicians, Edinburgh

1993	Member, Thrombosis and Haemostasis Council of the International Society and Federation of Cardiology
1993	American College of Cardiology - Ad Hoc Task Force to Examine a Cardiovascular Policy Institute
1993	American College of Cardiology - Annual Scientific Session Program Committee
1993	American Heart Association - Vice Chairperson, Scientific Publishing Committee
1993	Founding Member, Society for Adult Congenital Cardiac Disease
1993	Association of Professors of Cardiology - Chairman Cardiology-Medicine Relationships
1994	American College of Cardiology, Board of Directors - Institute for the Study of Cardiovascular Medicine
1994-1995	American Heart Association – Fellowship Subgroup D
1994	American Heart Association - Conflict of Interest Review Committee
1994	American Heart Association - Chairman, Scientific Publishing Committee
1994	American Heart Association - Board of Directors
1994	American Heart Association - Chairman of the Committee on Vascular Lesions
1994-2000	American Heart Association, New York City Affiliate, Board of Directors
1994	American Heart Association, Council on Arteriosclerosis Executive Committee, Member
1994	North American Vascular Biology Organization - Founding Member
1994	The Cardiac Society of Australia and New Zealand, Corresponding Member
1994	President, Spanish Cultural Association, Boston, Massachusetts
1995	American College of Cardiology, Co-Chairman 27th Bethesda Conference
1995	American Heart Association, Commission of Science Advisory Committee
1995	Association of Professors of Cardiology, Task Force on Cardiology Work Force and Fellowship Training
1995	NHLBI Hypertrophy and Vascular Reactivity in Blacks (SCOR Application), External Advising and Review Committee
1995-1997	American Heart Association (NY City Affiliate) – Chairman's Round Table
1995-1997	American Heart Association (NY City Affiliate) - Nominating Committee
1996-1998	American Heart Association – Council Affairs Committee
1996	Medical Advisory Board, Med Help International, Inc.
1996	Trustee, The Spanish Institute, New York, New York
1996	Academic Advisory Committee Member, Pfizer Visiting Professorship Program in Cardiovascular Medicine
1996	Founding Member, Society for Cardiovascular Magnetic Resonance
1996-2000	NHLBI Member, Advisory Council
1996	NHLBI Chairman, Review of SCOR on Molecular Medicine and Atherosclerosis
1997	Member, CardioFellows Foundation Advisory Board
1997	Member, Fundacion Independiente, Madrid, Spain
1997	Member, ACC/AHA Joint Officers Committee
1997	Member, Subcommittee for the Commemoration of the American College of Cardiology 50th Anniversary
1997	Member, FPA Advisory Council, Mount Sinai Medical Center
1997-1998	American Heart Association - President-Elect
1997-1998	American Heart Association -Vice Chairman, Science Advisory and Coordinating Committee
1997-1998	American Heart Association - Ex officio Member, Public Affairs Policy

	Committee
1997-1998	American Heart Association - Member, Scientific Sessions Programs Committee
1997-1998	American Heart Association - Vice Chairman, Field Operations Coordinating Committee
1997-1998	American Heart Association - Member, Nominating & Awards Committee
1997-1998	American Heart Association – CVR Executive Committee
1997-1998	American Heart Association - Pharmaceutical Roundtable Medical Advisors
1997-1998	American Heart Association – Science Advisory and Coordinating Committee
1997-1998	American Heart Association – Stroke Executive Committee
1997-1998	American Heart Association – CTVS Executive Committee
1997-1998	American Heart Association – ATVB Executive Committee AHA President Elect
1997-1998	American Heart Association – Basic Science Executive Committee AHA President Elect
1997-1998	American Heart Association – CCC Executive Committee AHA President Elect
1997-1998	American Heart Association – CVN Executive Committee AHA President Elect
1997-1998	American Heart Association – Circulation Executive Committee AHA President Elect
1997-1998	American Heart Association – KCVD Executive Committee AHA President Elect
1997-2003	American College of Cardiology - Chair of the Training Directors
1997-1999	American Heart Association – CVDY Executive Committee AHA President
1997-1999	American College of Cardiology - Ex Officio Member of the Physician Workforce Advisory Committee
1997-2000	American Heart Association – EPI Executive Committee AHA Immediate Past President
1997-2001	American Heart Association – Council on Clinical Cardiology
1998-1999	American Heart Association - President
1998-1999	American Heart Association – HBP Executive Committee AHA President
1998-2000	American Heart Association – Executive Committee AHA Immediate Past President
1998	American Heart Association – Science Advisory and Coordinating Committee President
1998-1999	American Heart Association – Budget Committee
1998-2000	American Heart Association – Executive Committee AHA President
1998-1999	American Heart Association – Council Affairs Committee AHA President
1998-2000	American Heart Association – Council on Circulation
1998	Member, Lipid Nurse Task Force
1998	Honorary Member, Sociedad Medica Hispanoamericana de Nueva York Member, Association of American Physicians
1998-2002	President, Paul Dudley White Society, Massachusetts General Hospital
1999-2000	American Heart Association – Committee on Scientific Councils AHA Immediate Past President
1999-2000	American Heart Association – Executive Committee AHA Immediate Past President
1999-2000	American Heart Association – Science Advisory and Coordinating Committee Immediate Past President
1999-2001	American Heart Association – Task Force on Scientific Sessions in 21st Century
1999-2000	American Heart Association – Basic Cardiovascular Sciences Executive Committee AHA Immediate Past President

1999	National Foundation for Advanced Cardiac Surgery, Scientific Board
1999-2004	Joint ACC/AHA Committee on Practice Guidelines - AHA Representative
1999	NIH National Cholesterol Education Program Clinical Guidelines, Member
1999	Advisory Committee Member, The White Book
1999	International Advisory Board Member, XVIII Congress, ISTH
2000	Member, Institute of Medicine, National Academy of Science
2000	The New York Academy of Medicine, Chair Selection Committee
2000-2003	American College of Cardiology – Chair, Cardiology Training and Workforce Committee
2000-2004	Stanley J. Sarnoff Endowment for Cardiovascular Science, Inc., Board of Directors
2000-2003	American College of Cardiology – Task Force on Workforce, AHA Representative
2001-2004	American Heart Association (NY City Affiliate) – Member of the Board of Directors
2001	European Society of Cardiology – U.S. Board of Directors and Industry
2001	Association of Professors of Cardiology
2001	Association of University Cardiologists
2001	Co-Chair, XVIII Congress on the International Society of Thrombosis and Haemostasis
2001	Chairman, ACC/AHA/ESC Atrial Fibrillation 1st guidelines by the three organizations
2002	Chairman, GlaxoSmithKline Foundation for Young Investigators
2002	American Heart Association – Strategically Focused Research Task Force
2002-2004	Stanley J. Sarnoff Endowment for Cardiovascular Science, Inc., Strategic Planning Committee
2002–2003	American College of Cardiology – Task Force to develop a Consensus Conference on Workforce: Working Group on Developing a Uniform System of Designating Cardiologists
2003	American College of Cardiology – Development Committee
2003	American Heart Association, New York City Board of Directors, President
2003	Spanish American Medical Dental Society, New York, NY - Honorary Member
2003	Honorary Member, World Innovation Foundation
2003-2004	World Heart Federation - President-Elect
2003-2004	American Heart Association New York – President
2004	Sarnoff Foundation, Board of Directors
2005	Leducq Foundation, Committee Member
2005-2006	World Heart Federation – President
2006	Ad Hoc-ACC International Committee
2006	Chairman, ACC/AHA/ESC Atrial Fibrillation 2nd guidelines by the three organizations
2009	World Heart Federation – Immediate Past President
2007	Private Foundation Gaspar de Portola, Honorary President
2007	Thao, Childhood Health, Honorary President
2007	Castle Connelly Medical Media, Advisory Board
2008	Member, Institute of Medicine's (IOM) Board on Global Health
2008	American College of Cardiology, Fellowship Education Redesign Task Force
2009	Chair, IOM Committee on Preventing the Global Epidemic of Cardiovascular

	Disease
2009	Honorary Member, British Cardiovascular Society, London, United Kingdom
2009	Honorary Member, National Academy of Medicine of Mexico
2010	Honorary Member, Japanese Society of Cardiology
2015	Consultative Council, Archivos de Cardiologia de Mexico
2016	Scientific Advisory Board, Magdi Yacoub Heart Science Centre
2016	Co-Chair of the Consensus Committee to advice the upcoming US President on "Global Health and the Role of the United States. Sponsored by the National Academies of Sciences, Engineering and Medicine
2017	Member of the European Commission for the Horizon 2020 – Scientific Panel for Health
2021	Member, Accreditation Council for Graduate Medical Education Board of Appeals, Chicago, IL

Editorial Boards: (selected)

1982-1990	American Journal of Cardiology
1987	Journal of the American College of Cardiology
1988	Circulation - American Heart Association Journal
1991	Arteriosclerosis, Thrombosis and Vascular Biology
1992-2004	Consulting Editor, Circulation
1994	Journal of Thrombosis and Thrombolysis
1997-2002	Consulting Editor, Circulation Research
1998	Journal of Cardiovascular Magnetic Resonance
2003	European Heart Journal
2004	Editor-in-Chief, Nature Cardiovascular Medicine Journal
2008	Consulting Editor, Journal of the American College of Cardiology Cardiovascular Imaging
2009-2010	Editor-in-Chief, Nature Reviews Cardiology
2009-2012	Board of Editors, Mount Sinai Journal of Medicine
2009	Board of Editors, Journal of Cardiovascular Pharmacology and Therapeutics
2014	Journal American College of Cardiology, Editor-in-Chief
2024	Journal American College of Cardiology, Editor Emeritus

Present Research Support

1. PESA (Progression of Early Subclinical Atherosclerosis) - CNIC (National Center of Cardiovascular Investigation)
   €17.000.000 (2010-2030)
   Role of Valentin Fuster: PI

2. Horizon 2020 SC1-BHC-08-2020 *"Remate lschemic Conditioning"* (RESILIENCE). Project ID 945118
   €5.998.388 (2021-2026)
   Role Valentin Fuster: co-PI

3. NovoNordisk foundation pre-award grants. *"ldentifying Subclinical Atherosclerosis"*

€90.000 (2023-2024)
Role Valentin Fuster: co-PI

4. BrightFocus Foundation - Alzheimer's "The lmpact of Midlife Cardiovascular Health on Brain's Well-Being ". Project ID: A2022034S
   €300.000 (2022-2025)
   Role Valentin Fuster: coPI

5. Novartis Research Collaboration. *"Prevent Coronary Artery Disease"* (PRECAD)
   $16.900.000 (2024-2031)
   Role of Valentin Fuster: PI

6. SHE FOUNDATION "Healthy Communities"- measuring the impact on members of the community who promote the change of the health paradigm in their town-
   €2.895.000 (2019-2030)
   Role of Valentin Fuster: PI

7. SHE FOUNDATION "SI! Program" – measuring how the acquisition of healthy habits from childhood improves cardiovascular health-
   €12.917.000 (2019-2030)
   Role of Valentin Fuster: PI

Bibliography
Refereed Articles

1. Clarkson AR, MacDonald MK, Fuster V, Cash JD, Robbson JS. Glomerular coagulation in acute ischemic renal failure. Quart J Med 1970; 39:585-599.
2. Wright N, Clarkson AR, Brown SS, Fuster V. Effect of poisoning on serum enzyme activities, coagulation and fibrinolysis. Br Med J 1971; 3:347-350.
3. Cash JD, Fuster V, Clarkson AR. Preliminary studies on the protamine sulphate precipitation of plasma and serum. Scand J Haematol 1971; 13(Suppl):179-181.
4. Bowie EJW, Cooper HA, Fuster V, Kazmier FJ, Owen CA Jr. The diagnoses of intravascular coagulation. Throm Diath Haemorrh 1973; 56:137-143.
5. Fuster V, Kazmier FJ, Cash JD, Bowie EJW, Owen CA Jr. Assay of platelet factor 4 in plasma. Mayo Clinic Proc 1973; 48:103-106.
6. Fuster V. Platelet kinetics and effect of aspirin in chronically induced intravascular coagulation in dogs. Thromb Diath Haemorrh 1974; 60(Suppl):371-376.
7. Didisheim P, Kazmier FJ, Fuster V. Platelet inhibition in the management of thrombosis. Throm Diath Haemorrh 1974; 32:21-34.
8. Fuster V, Bowie EJW, Kazmier FJ, Owen CA Jr. Plasma platelet factor IV-like activity reflecting rate of platelet consumption in chronically induced intravascular coagulation in dogs. Thromb Res 1974; 4:247-260.
9. Fuster V, Connolly DC, Frye RL, Danielson MA, Elveback LR, Kurland LT. Arteriographic patterns early in the onset of the coronary syndromes. Br Heart J 1975; 37(12):1250- 1255.
10. Lewis JC, Fuster V, Kottke BA. Thrombocytes in the atherosclerosis-resistant and atherosclerosis-susceptible breeds of pigeon: A comparative ultrastructural study. Exper and Mol Pathol 1976; 25:332-343.

11. Didisheim P, Fuster V. Hematological and vascular concepts in relation to stroke. Clin Neurosurg 1976; 23:125-139.
12. Fuster V, Danielson MA, Robb RA, Broadbent JC, Brown AL. Quantitation of left ventricular myocardial fiber hypertrophy and of interstitial tissue in human hearts with pressure and volume overload. Circulation 1977; 55:504-508.
13. Fuster V, Kottke BA, Bowie EJW, Ruiz CE, Lewis JC. Increase in platelet factor 4-like activity in the initial stages of atherosclerosis in pigeons. Adv in Exp Med Biol 1977; 82:225-227.
14. Fuster V, Lewis JC, Kottke BA, Ruiz CE, Bowie EJW. Platelet factor 4-like activity in the initial stages of atherosclerosis in pigeons. Throm Res 1977; 10:169-172.
15. Fuster V, Bowie EJW, Brown AL. Spontaneous arterial lesions in normal pigs and pigs with von Willebrand's disease. Adv in Exp Med Biol 1977; 82:315-317.
16. Lewis JC, Fuster V, Kottke BA. Spontaneous endothelial cell injury in the intimal suctions of atherosclerotic pigeons. Prog Biochem Pharmacol 1977; 14:220-224.
17. Fuster V, Bowie EJW, Lewis JC, Fass DN, Owen CA Jr, Brown AL. Resistance to arteriosclerosis in pigs with von Willebrand's disease: Spontaneous and high cholesterol diet induced arteriosclerosis. J Clin Invest 1978; 61:722-730.
18. Didisheim P, Fuster V. The actions and clinical status of platelet suppressive agents. Seminars in Hematol Today 1978; 15(i):55-72.
19. Fuster V, Bowie EJW, Lewis JC. The von Willebrand pig as a model for atherosclerosis research. Thromb and Haemostas 1978; 39:322-327.
20. Dewanjee MK, Fuster V, Kaye MP, Josa M. Imaging platelet deposition with III Indium-labeled platelets in coronary artery bypass grafts in dogs. Mayo Clin Proc 1978; 53:327-331.
21. Linos A, Worthingon JW, O'Fallon W, Fuster V, Whisnant JP, Kurland LT. Effect of aspirin on prevention of coronary and cerebrovascular disease in patients with rheumatoid arthritis. A long-term follow-up study. Mayo Clin Proc 1978; 53(9):581- 586.
22. Fuster V, Bowie EJW. Interaction of platelets with the endothelium in normal and von Willebrand pigs. Adv Exp Med and Biol 1978; 102:187-196.
23. Fuster V. Long-term results of total correction for Tetralogy of Fallot. Excerpta Medica Int Congress Series 1978; 470:780-783.
24. Guiliani ER, Fuster V, Brandenburg RO, Mair DD. The clinical features and natural history of Ebstein's anomaly of the tricuspid valve. Mayo Clin Proc 1979; 54:163-173.
25. Fuster V, Frye RL, Kennedy MA, Connolly DC, Makin HT. The role of collateral circulation in the various coronary syndromes. Circulation 1979; 59:1137-1144.
26. Metke MP, Lie JT, Fuster V, Kaye MP, Josa M. Reduction of intimal thickening in canine coronary bypass vein grafts with dipyridamole and aspirin. Am J Cardiol 1979; 43:1144- 1148.
27. Fuster V, Dewanjee NK, Kaye MP, Josa M, Metke MP, Chesebro JH. Noninvasive radioisotopic technique for detection of platelet deposition in coronary artery bypass grafts in dogs and its reduction with platelet inhibitors. Circulation 1979; 60:1508- 1512.
28. Tyce GM, Fuster V, Owen CA Jr, Winkelman LA. Dipyridamole levels in plasma of man and other species. Res Commun Chem Pathol Pharmacol 1979; 26:295-508.
29. Dewanjee MK, Kaye MP, Fuster V, Rao SA. Noninvasive radioisotopic technique for detection of platelet deposition in mitral valve prosthesis and renal microembolism in dogs. Trans Am Soc Artif Intern Organs 1980; 26:475-479.
30. Cunha CLP, Giuliani ER, Fuster V, Seward JB, Brandenburg RO, McGoon DC. Preoperative M-mode echocardiography as a predictor of surgical results in chronic aortic insufficiency. J Thorac Cardiovasc Surg 1980; 79(2):256-265.
31. Fuster V, McGoon DECC, Kennedy MA, Ritter DG, Kirklin JW. Long-term evaluation (12 to 22 years) of open heart surgery for Tetralogy of Fallot. Am J Cardiol 1980; 46:635- 642.

32. Bowie EJW, Fuster V. Resistance to atherosclerosis in pigs with von Willebrand's disease. Acta Med Scand 1980; 642(Suppl):121-130.
33. Fuster V, Chesebro JH, Frye RL, Elveback LR. Platelet survival and the development of coronary artery disease in the young: The effects of cigarette smoking, strong family history, and medical therapy. Circulation 1981; 63:546-551.
34. Fuster V, Chesebro JH. Coronary atherosclerotic disease. The role of platelets and of platelet inhibitor drugs. Scand J Haematol 1981; 27(Suppl 38):1-37.
35. Fuster V, Chesebro JH. Current concepts of thrombogenesis. Role of platelets. Mayo Clin Proc 1981; 56:102-112.
36. Fuster V, Chesebro JH. Pharmacologic effect of platelet inhibitor drugs. Mayo Clin Proc 1981; 56:185-195.
37. Fuster V, Chesebro JH. Platelet-inhibitor drugs in management of arterial thromboembolic and atherosclerotic disease. Present recommendations. (Part III) Mayo Clin Proc 1981; 56:265-273.
38. Robertson JS, Dewanjee MK, Brown ML, Fuster V, Chesebro JH. Distribution and dosimetry of 111-Indium labeled platelets. Radiology 1981; 140(1):169-176.
39. Fuster V, Gersh BJ, Giuliani ER, Tajik AJ, Brandenburg RO, Frye RL. The natural history of idiopathic dilated cardiomyopathy. Am J Cardiol 1981; 47:525-531.
40. Holmes DR Jr, Hartzler GO, Smith HC, Fuster V. Coronary artery thrombosis in patients with unstable angina. Br Heart J 1981; 45:411-416.
41. Bowie EJW, Fuster V, Fass DN, Owen CA Jr. The role of von Willebrand factor in platelet-blood vessel interaction, including a discussion of resistance to atherosclerosis in pigs with von Willebrand's disease. Phil Trans R Soc London B 1981; 294:267-279.
42. Harker LA, Edmunds H, Fuster V. Antithrombotic therapy of artificial organs. Trans Am Soc Artif Intern Org 1981; 27:663.
43. Chesebro JH, Fuster V, Elevback LR, Frye RL. Strong family history and cigarette smoking as risk factors of coronary artery disease in young adults. Br Heart J 1982; 47(1):78-83.
44. Agarwal K, Wahner HW, Dewanjee MK, Fuster V, Puga FJ, Danielson GK, Chesebro JH, Feldt RH. Imaging of platelets in right-sided extracardiac conduits in humans. J Nucl Med 1982; 23(4):342-347.
45. Fuster V, Pumphrey CW, McGoon MD, Chesebro JH, Pluth JR, McGoon DC. Systemic thromboembolism in mitral and aortic Starr-Edwards prosthesis: A long-term follow-up (10-19 years). Circulation 1982; 66(Suppl I):157-161.
46. Hynes JK, Tajik AJ, Seward JB, Fuster V, Ritter DG, Brandenburg RO, Puga FJ, Danielson GK, McGoon DC. Partial atrioventricular canal defect in adults. Circulation 1982; 66(2):284-287.
47. Vollertsen RS, Fuster V, Conn DL, Luthra HS, McDuffie FC, Bowie EJW, Ilstrup DM. In vivo platelet survival in rheumatoid arthritis. Mayo Clin Proc 1982; 57:620-628.
48. Danielson GK, Fuster V. Surgical correction of Ebstein's anomaly. Ann Surg 1982; 196:499-504.
49. Beard CM, Fuster V, Elveback LR. Daily and seasonal variation in sudden cardiac death, Rochester Minnesota, 1950-1975. Mayo Clin Proc 1982; 57:704-706.
50. Pumphrey CW, Fuster V, Dewanjee MK, Murphy KP, Vlietstra RE, Kaye MP. A new in vivo model of arterial thrombosis: The effect of administration of Ticlopidine and Verapamil in dogs. Thromb Res 1982; 28(5):663-675.
51. Fuster V, Fass DN, Kaye MP, Josa M, Zinsmeister AR, Bowie EJW. Arteriosclerosis in normal and von Willebrand pigs: Long-term prospective study and aortic transplantation study. Circ Res 1982; 51(v):587-593.
52. Chesebro JH, Clements IP, Fuster V, Elveback LR, Smith HC, Bardsley WT, Frye RL, Holmes DR Jr, Vlietstra RE, Pluth JR, Wallace RB, Puga FJ, Orszulak TA, Piehler JM, Schaff HV,

Danielson GK. Platelet inhibitor drug trial in coronary artery bypass operation: Benefit of perioperative dipyridamole and aspirin therapy on early postoperative vein graft patency. N Engl J Med 1982; 307:73-78.

53. Badimon L, Fuster V, Dewanjee MK, Romero JC. A sensitive new method of "ex vivo" platelet deposition. Thromb Res 1982; 28:237-250.
54. Chesebro JH, Fuster V. Drug trials in prevention of occlusion of aorta-coronary artery vein grafts. J Thorac Cardiovasc Surg 1982; 83:90-93.
55. Dewanjee MK, Tago M, Fuster V, Kaye MP. Platelet turnover in aortocoronary femoral vein bypass graft in control and aspirin-dipyridamole-treated dogs: Prevention of early thrombotic occlusion of bypass graft. Nucl Med & Biol 1982; 1:898-901.
56. Pumphrey CW, Dewanjee MK, Chesebro JH, Fuster V, Wahner HW. a new method for quantifying human platelet-vascular graft interaction and the effect of platelet inhibitor therapy. Nucl Med & Biol 1982; 1:895-897.
57. Dewanjee MK, Pumphrey CW, Murphy KP, Fuster V, Kaye MP, Rosemark JA, Chesebro JH. Evaluation of platelet-inhibitor drugs in a canine bilateral femoral graft implant model. Trans Am Soc Artif Intern Org 1982; 28:504-509.
58. Chesebro JH, Fuster V. Platelet inhibitors in coronary artery bypass operations. N Engl J Med 1982; 307(23):1453-1454.
59. Pumphrey CW, Fuster V, Dewanjee MK, Chesebro JH, Vliestra RE, Kaye MP. Comparison of the antithrombotic action of calcium antagonist drugs with dipyridamole in dogs. Am J Cardiol 1983; 51:591-595.
60. Chesebro JH, Fuster V. Platelets and platelet inhibitor drugs in aortocoronary vein bypass operations. Intern J Cardiol 1983; 2:511-516.
61. Pumphrey CW, Chesebro JH, Dewanjee MK, Wahner HW, Hollier LJ, Pairolero PC, Fuster V. In vivo quantitation of platelet deposition on human peripheral arterial bypass grafts using Indium-111-labeled platelets: Effect of dipyridamole and aspirin. Am J Cardiol 1983; 51:796-801.
62. Chesebro JH, Fuster V, Elveback LR, McGoon DC, Pluth JR, Puga FJ, Wallace RB, Danielson GK, Orszulak TA, Piehler JM, Schaff HV. Trial of combined warfarin plus dipyridamole or aspirin therapy in prosthetic heart valve replacement: Danger of aspirin compared with dipyridamole. Am J Cardiol 1983; 51(9):1537-1541.
63. Dewanjee MK, Fuster V, Rao SA, Forsham PL, Kaye MP. Noninvasive radioisotopic technique for the detection of platelet deposition in mitral valve prostheses and quantitation of visceral microembolism in dogs. Mayo Clin Proc 1983; 58:307-314.
64. Badimon L, Fuster V, Chesebro JH, Dewanjee MK. New "ex vivo" radioisotopic method of quantitation of platelet deposition: Studies in four animal species. Thromb and Haemost 1983; 50(3):639-644.
65. Ambrose JA, Fuster V. Coronary collateral vessels and myocardial protection. Int J Cardiol 1983; 3:417-420.
66. Nishimura RA, Fuster V, Burgert SL, Puga FJ. Clinical features and long-term natural history of the postpericardiotomy syndrome. Int J Cardiol 1983; 1:918-921.
67. Wahner HW, Dunn WL, Dewanjee MK, Fuster V. Survival time and organ distribution of 111In-Oxine-labeled human platelets in normal subjects. Nucl Med and Biol 1983; 1:918- 921.
68. Cohen M, Fuster V. What do we gain from the analysis of right ventricular function? J Am Coll Cardiol 1984; 3(4):1082-1084.
69. Chesebro JH, Fuster V, Elveback LR, Clements IP, Smith HC, Holmes DR, Bardsley WT, Pluth JR, Wallace RB, Puga FJ, Orszulak TA, Piehler JM, Danielson GK, Scchaff HV, Frye RL. Effect of dipyridamole and aspirin on late vein graft patency after coronary bypass operation. N

Engl J Med 1984; 310:209-214.
70. McGoon MD, Fuster V, McGoon DC, Pumphrey CW, Pluth JR, Elveback LR. Aortic and mitral valve incompetence: Long-term follow-up (10-19 years of patients treated with the Starr-Edwards prosthesis. J Am Coll Cardiol 1984; 3(4):930-938.
71. Dewanjee MK, Tago M, Josa M, Fuster V, Kaye MP. Quantification of platelet retention in aortocoronary femoral vein bypass graft in dogs treated with dipyridamole and aspirin. Circulation 1984; 69(2):350-356.
72. Donadio JV Jr, Anderson CF, Mitchell JC III, Holley KE, Ilstrup DM, Fuster V, Chesebro JH. Membranoproliferative glomerulonephritis: A prospective clinical trail of platelet-inhibitor therapy. N Engl J Med 1984; 310(32):1421-1426.
73. Beard CM, Fuster V, Annegers JF. Reproductive history in women with coronary heart disease: A case-control study. Am J Epidemiology 1984; 120(1):108-114.
74. Beckett VL, Conn DL, Osmundson PJ, Strong CG, Chao EYS, Chesebro JH, O"Fallon WM, Fuster V. Trial of platelet-inhibiting drug in scleroderma. A double-blind study with dipyridamole and aspirin. Arthritis and Rheumatism 1984; 27(10):1137-1143.
75. Fuster V, Steel PM, Edwards WD, Gersh BI, McGoon MD, Frye RL. Primary pulmonary hypertension: Natural history and the importance of thrombosis. Circulation 1984; 70(4):580-587.
76. Squire A, Goldman ME, Kupersmith J, Stern EH, Fuster V, Schweitzer P. Long-term antiarrhythmic therapy: Problem of low drug levels and patients' non-compliance. Am J Med 1984; 77:1035-1038.
77. Goldman ME, Mindich BP, Teichholz LE, Burgess N, Staville K, Fuster V. Intraoperative contrast echocardiography to evaluate mitral valve operations. J Am Coll Cardiol 1984; 4(5):1035-1040.
78. Fuster V, Lie JT, Badimon L, Rosemark JA, Badimon JJ, Bowie EJW. Spontaneous and diet induced coronary atherosclerosis in normal swine and swine with von Willebrand's disease. Arteriosclerosis 1985; 5:67-73.
79. Cortina A, Ambrose JA, Prieto-Granda J, Moris C, Simarro E, Holt J, Fuster V. Left ventricular function after myocardial infarction. Clinical and angiographic correlations. J Am Coll Cardiol 1985; 5(3):619-624.
80. Ambrose JA, Winters SL, Stern A, Eng A, Teichholz LE, Gorlin R, Fuster V. Angiographic morphology and the pathogenesis of unstable angina pectoris. J Am Coll Cardiol 1985; 5(3):609-616.
81. Hu DCK, Seward JB, Puga FJ, Fuster V, Tajik AJ. Total correction of Tetralogy of Fallot at age 40 years and older: Long-term follow-up. J Am Coll Cardiol 1985; 5(1):40-44.
82. Fuster V, Steele PM, Chesebro JH. Role of platelets and thrombosis in coronary atherosclerotic disease and sudden death. J Am Coll Cardiol 1985; 5(6):175B-184B.
83. Steele PM, Chesebro JH, Stanson AW, Holmes DR Jr, Dewanjee MK, Badimon L, Fuster V. Balloon angioplasty: Natural history of the pathophysiologic response to injury in a pig model. Circ Res 1985; 57(1):105-112.
84. Cohen M, Horowitz SF, Machac J, Mindich BP, Fuster V. Response of the right ventricle to exercise in isolated mitral stenosis. Am J Cardiol 1985; 55:1054-1058.
85. Verstraete M, Dejana E, Fuster V, Lapetina E, Moncada JF, Mustard JF, Tans G, Vargaftig BB. An overview of antiplatelet and antithrombotic drugs. Haemostasis 1985; 15:89-99.
86. Riegel N, Ambrose JA, Mindich BP, Fuster V. Isolated aortic stenosis with severe pulmonary hypertension. Cath Cardiovasc Diag 1985; 11:181-185.
87. Mindich BP, Goldman ME, Fuster V, Burgess N, Litwak R. Improved intraoperative evaluation of mitral valve operation utilizing two-dimensional contrast echocardiography. J Thorac

Cardiovasc Surg 1985; 90:112-118.
88. Badimon L, Steele P, Badimon JJ, Bowie EJW, Fuster V. Aortic atherosclerosis in pigs with heterozygous von Willebrand's disease: Comparison with homozygous von Willebrand and normal pigs. Arteriosclerosis 1985; 5(4):366-370.
89. Lapeyre AC III, Steele PM, Kazmier FJ, Chesebro JH, Vlietstra RE, Fuster V. Systemic embolism in chronic left ventricular aneurysm: Incidence and the role of anticoagulation. J Am Coll Cardiol 1985; 6:1233-1238.
90. Fuster V, Chesebro JH. Aortocoronary artery vein-graft disease. Experimental and clinical approach for the understanding of the role of platelets and platelet inhibitors. Circulation 1985; 72(Suppl V):65-70.
91. Ambrose JA, Winters SL, Arora RR, Haft JI, Goldstein J, Rentrop KP, Gorlin R, Fuster V: Coronary angiographic morphology in myocardial infarction. A link between the pathogenesis of unstable angina and myocardial infarction. J Am Coll Cardiol 1985; 6:1233-1238.
92. Cohen M, Edwards WD, Fuster V. Regression in thromboembolic type of primary pulmonary hypertension during 2 1/2 years of antithrombotic therapy. J Am Coll Cardiol 1986; 7:172-175.
93. Ambrose JA, Winters SL, Arora RR, Eng A, Riccio A, Gorlin R, Fuster V. Angiographic evolution of coronary artery morphology in unstable angina. J Am Coll Cardiol 1986; 7:472-478.
94. Fuster V, Chesebro JH. Role of platelets and platelet inhibitors in aortocoronary artery vein graft disease. Circulation 1986; 73(2):227-232.
95. Hirsh J, Fuster V, Salzman E. Dose antiplatelet agents: The relationship among side effects, and antithrombotic effectiveness. Chest 1986; 89(2):4S-10S.
96. Dewanjee MK, Wahner HW, Dunn WL, Robertson JS, Offord K, Fuster V, Chesebro JH. Comparison of three platelet markers for measurement of survival time in healthy volunteers. Mayo Clin Proc 1986; 61:327-336.
97. Meltzer RS, Teichholz LE, Visser CA, Fuster V. Intracardiac thrombi and systemic embolization: The role of two-dimensional echocardiography. Ann Int Med 1986; 104:689-698.
98. Badimon L, Badimon JJ, Galvez A, Chesebro JH, Fuster V. Influence of arterial damage and wall shear rate on platelet deposition. Ex vivo study in a swine model. Arteriosclerosis 1986; 6(3):312-320.
99. Gorlin R, Fuster V, Ambrose JA. Anatomic-physiologic links between acute coronary syndromes. Circulation 1986; 74(1):6-9.
100. Frye RL, Parmley WW, Brundage B, Fortuin N, Fowler NO, Fuster V, Harvery WP, Hurst JW, Joyce JW, Rackley CE, Rapaport E, Reitemeier RJ, Russell RO Jr, Ryan TJ, Saunders DE. Task Force I: Training in clinical cardiology. J Am Coll Cardiol 1986; 7(6):1196-1200.
101. Chesebro JH, Fuster V. Antithrombotic therapy for acute myocardial infarction: Mechanisms and prevention of deep venous, left ventricular, and coronary artery thromboembolism. Circulation 1986; 74(Suppl III):1-10.
102. Chesebro JH, Fuster V. The pathogenesis and prevention of aortocoronary bypass graft occlusion and restenosis after arterial angioplasty: Role of vascular injury and platelet thrombus deposition. J Am Coll Cardiol 1986;8:57B-66B.
103. Goldman M, Fuster V, Guarino T, Mindich B. Intraoperative echocardiography for the evaluation of valvular regurgitation: Experience in 263 patients. Circulation 1986; 74(Suppl I):143-149.
104. Farhi JI, Cohen M, Fuster V. The broad spectrum of unstable angina pectoris and its implications for future controlled trials. Am J Cardiol 1986; 58:547-550.
105. Lam JYT, Chesebro JH, Steele PM, Dewanjee MK, Badimon L, Fuster V. Deep arterial injury during experimental angioplasty: Relation to a positive Indium-111 labeled platelet scintigram,

quantitative platelet deposition, and mural thrombosis. J Am Coll Cardiol 1986; 8(6):1380-1386.
106. Hjemdahl-Monsen CE, Lewis HD, Cairns J, Chesebro JH, Fuster V. The role of anti- thrombotic therapy in unstable angina, myocardial infarction, and sudden death. J Am Coll Cardiol 1986; 8(6):67B-75B.
107. Vallabhajosula S, Machac J, Goldsmith SJ, Lipszyc H, Badimon L, Rand J, Fuster V. Indium-111 platelet kinetics in normal human subjects: Tropolone versus oxine methods. J Nucl Med 1986; 27:1669-1674.
108. Vermylen J, Verstraete M, Fuster V. Role of platelet activation and fibrin formation in thrombogenesis. J Am Coll Cardiol 1986; 8(6):2B-9B.
109. Harker LA, Fuster V. Pharmacology of platelet inhibitors. J Am Coll Cardiol 1986; 8(6):21B-32B.
110. Chesebro JH, Adams PC, Fuster V. Antithrombotic therapy in patients with valvular heart disease and prosthetic heart valves. J Am Coll Cardiol 1986; 8(6):41B-56B.
111. Adams PC, Cohen M, Chesebro JH, Fuster V. Thrombosis and embolism from cardiac chambers and infected valves. J Am Coll Cardiol 1986; 8(6):76B-87B.
112. Fuster V, Chesebro JH. Mechanisms of unstable angina. N Engl J Med 1986; 315(16):1023-1025.
113. Fuster V, Griggs TR. Porcine von Willebrand's disease. Implications for the pathophysiology of atherosclerosis and thrombosis. Prog Hemostas and Throm 1986; 159- 183.
114. Galvez A, Badimon L, Badimon JJ, Fuster V. Electrical aggregometry in whole blood from human, pig and rabbit. Thromb and Haemostas 1986; 56(2):128-132.
115. Cohen M, Fuster V. Unstable angina: Is it time for more aggressive therapy? Eur J Cardiol 1986; 7(12):1014-1015.
116. Adams PC, Lam JYT, Badimon L, Chesebro JH, Fuster V. Interactions of platelets and vessel wall in the development of restenosis after coronary angioplasty. In: Blood in Contact with Natural and Artificial Surfaces. (Eds: Leonard EF, Turitto VT, Vroman). Annals of the NY Academy of Sciences, New York, NY, 1987, Volume 516, pp 605-620.
117. Lam JYT, Chesebro JH, Steele PM, Fuster V. Is vasospasm related to platelet deposition? Relationship in a porcine preparation of arterial injury in vivo. Circulation 1987; 75(1):243-248.
118. Ambrose JA, Hjemdahl-Monsen CE, Borrico S, Sherman WS, Cohen M, Gorlin M, Gorlin R, Fuster V. Quantitative and qualitative effects of intracoronary streptokinase in unstable angina and non Q wave infarction. J Am Coll Cardiol 1987; 9(5):1156-1165.
119. Rand JH, Badimon L, Gordon RE, Fuster V. Distribution of von Willebrand factor in porcine intima varies with blood vessel type and location. Arteriosclerosis 1987; 7(3):287-291.
120. Cohen M, Monsen C, Francis X, Sherman W, Ambrose JA, Teichholz LE, Fuster V. Comparison of single plane videodensitometry-based right ventricular ejection fraction in right and left anterior oblique views to biplane geometry-based right ventricular ejection fraction. J Am Coll Cardiol 1987; 10:150-155.
121. Goldman ME, Mora F, Guarino T, Fuster V, Mindich BP. Mitral valvuloplasty is superior to valve replacement for preservation of left ventricular function: An intraoperative two-dimensional echocardiographic study. J Am Coll Cardiol 1987; 10:567-575.
122. Goldman ME, Guarino T, Fuster V, Mindich B. The necessity for tricuspid valve repair can be determined intraoperatively by two-dimensional echocardiography. J Thorac Cardiovasc Surg 1987; 94:542-550.
123. Steele PM, Fuster V, Cohen M, Ritter DG, McGoon DC. Isolated atrial septal defect with pulmonary vascular obstructive disease: Long-term follow-up and prediction of outcome after surgical correction. Circulation 1987; 76:1037-1042.

124. Badimon L, Badimon JJ, Rand R, Turitto VT, Fuster V. Platelet deposition on von Willebrand factor deficient vessels: Extracorporeal perfusion studies in von Willebrand's disease swine utilizing native and heparinized blood. J Lab Clin Med 1987; 110:634-647.
125. Chesebro JH, Fuster V. The therapeutic challenge of plaque rupture: Value of biochemical markers. J Am Coll Cardiol 1987; 10:1005-1006.
126. Adams PC, Fuster V, Badimon L, Badimon JJ, Chesebro JH. Platelet-vessel wall interactions, rheologic factors and thrombogenic substrate in acute coronary syndromes: Preventive strategies. Am J Cardiol 1987; 60:9G-16G.
127. Badimon L, Badimon JJ, Turitto VT, Fuster V. Thrombosis: Studies under flow conditions. In: Blood in Contact with Natural and Artificial Surfaces. (Eds: Leonard EF, Turitto VT, Vroman). Annals of the NY Academy of Sciences, New York, NY, 1987, Volume 516, pp 527-540.
128. Turitto VT, Weiss HJ, Baumgartner HR, Badimon L, Fuster V. Cells and aggregates at surfaces. In: Blood in Contact with Natural and Artificial Surfaces. (Eds: Leonard EF, Turitto VT, Vroman). Annals of the NY Academy of Sciences, New York, NY, 1987, Volume 516, pp 453-467.
129. Badimon L, Turitto V, Rosemark JA, Badimon JJ, Fuster V. Characterization of a tubular flow chamber for studying platelet interaction with biological and prosthetic materials. Deposition of 111Indium-labeled platelets on collagen, subendothelium, and expanded polyterafluoroethylene. J Lab Clin Med 1987; 110:706-718.
130. Badimon L, Badimon JJ, Turitto VT, Fuster V. Role of von Willebrand factor in platelet interaction with an expanded PTFE surface. Trans Am Soc Artif Intern Organ 1987; 10:621-625.
131. Chesebro JH, Lam JYT, Badimon L, Fuster V. Restenosis after arterial angioplasty: A hemorrheologic response to injury. Am J Cardiol 1987; 60:10B-16B.
132. Badimon L, Badimon JJ, Fuster V. Pared arterial y arteriosclerosis. Rev Esp Geriatr y Gerontol 1987:22:39-49.
133. Badimon JJ, Badimon L, Galvez A, Fuster V. HDL, prostaciclina y arteriosclerosis. Sangre 1987; 24:80-83.
134. Fuster V, Badimon L, Badimon JJ, Chesebro JH. Prevention of thromboembolism induced by prosthetic heart valves. Seminars in Thrombosis and Hemostasis 1988; 14:50-58.
135. Charney R, Leddomado E, Rose DN, Fuster V. Anticoagulation clinics and the monitoring of anticoagulant therapy. Intern J Cardiol 1988; 18:197-207.
136. The Expert Panel: Report of the National Education Program: Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults. Arch Intern Med 1988; 148:36-69.
137. Fuster V, Cohen M, Chesebro JH. Usefulness of aspirin for coronary artery disease. Am J Cardiol 1988; 61:637-640.
138. Fuster V, Badimon L, Cohen M, Ambrose J, Badimon JJ, Chesebro JH. Insights into the pathogenesis of acute ischemic syndromes. Circulation 1988; 77:1213-1220.
139. Gorlin R, Fuster V, Ambrose JA. Anatomic-physiologic links between acute coronary syndromes. Current Views from Circulation: Preludes and Progress/Editorials and Perspectives. July 1986 - June 1988, pp 2-5.
140. Fuster V, Badimon L, Cohen M, Ambrose JA, Badimon JJ, Chesebro JH. Insights into the pathogenesis of acute ischemic syndromes. Current Views from Circulation: Preludes and Progress/Editorials and Perspectives. July 1986 - June 1988, pp 15-24.
141. Vallabhajosula S, Paidi M, Badimon JJ, Le NA, Goldsmith SJ, Fuster V, Ginsberg HN: Radiotracers for low density lipoprotein biodistribution studies in vivo: Technetium- 99m low density lipoprotein versus radioiodinated low density lipoprotein preparations. J Nucl Med

1988; 29:1237-1245.

142. Ambrose JA, Monsen C, Borrico S, Gorlin R, Fuster V. Angiographic demonstration of a common link between unstable angina pectoris and non-Q wave acute myocardial infarction. Am J Cardiol 1988; 61:244-247.

143. Ambrose JA, Tannenbaum M, Alexopoulos D, Hjemdahl-Monsen CE, Leavy J, Weiss M, Borrico S, Gorlin R, Fuster V. Angiographic progression of coronary artery disease and the development of myocardial infarction. J Am Coll Cardiol 1988; 12:56-62.

144. Heras Magda, Chesebro JH, Penny WJ, Bailey KR, Lam JYT, Holmes DR, Reeder GS, Badimon L, Fuster V. Importance of adequate heparin dosage in arterial angioplasty in a porcine model. Circulation 1988; 78:654-660.

145. Lam JYT, Chesebro JH, Fuster V. Platelets, vasoconstriction, and nitroglycerin during arterial wall injury: A new antithrombotic role for an old drug. Circulation 1988; 78:712-716.

146. Schwinger M, Cohen M, Fuster V. Usefulness of onset of the pulmonary wedge V wave in predicting mitral regurgitation. Am J Cardiol 1988; 62:646-648.

147. Cohen M, Charney R, Hershman R, Fuster V. Reversal of chronic ischemic myocardial dysfunction after transluminal coronary angioplasty. J Am Coll Cardiol 1988; 12:1193- 1198.

148. Weinberger J, Ramos L, Ambrose JA, Fuster V. Morphologic and dynamic changes of atherosclerotic plaque at the carotid artery bifurcation: Sequential imaging by real time B-mode ultrasonography. J Am Coll Cardiol 1988; 12:1515-1521.

149. Fuster V, Stein B, Badimon L, Chesebro JH. Antithrombotic therapy after myocardial reperfusion following myocardial infarction. J Am Coll Cardiol 1988; 12:78A-84A.

150. Badimon L, Badimon JJ, Turitto VT, Vallabhajosula S, Fuster V. Platelet thrombus formation on collagen type I: A model of deep vessel injury. Influence of blood rheology, von Willebrand factor and blood coagulation. Circulation 1988; 78:1431-1442.

151. The TIMI Research Group: Immediate vs delayed catheterization and angioplasty following thrombolytic therapy for acute myocardial infarction. JAMA 1988; 260:2849- 2858.

152. Goldman S, Copeland J, Moritz T, Henderson W, Zadina K, Ovitt T, Doherty J, Read R, Chesler E, Sako Y, Lancaster L, Emergy R, Sharma G, Josa M, Pacold I, Montoya A, Parikh D, Sethi G, Holt J, Kirklin J, Shabetai R, Moores W, Aldridge J, Masud Z, DeMots H, Floten S, Haakenson C, Harker LA (Fuster V, Data Monitoring Board). Improvement in early saphenous vein graft patency after coronary artery bypass surgery with antiplatelet therapy. Circulation 1988; 77:1324-1332.

153. Israel DH, Adams PC, Stein B, Chesebro JH, Fuster V. Antithrombotic therapy in coronary vein graft patients. Clin Cardiol 1991; 14:283-295.

154. Ip JH, Stein B, Fuster V, Badimon L. Antithrombotic therapy in cardiovascular diseases. Future directions based on pathogenesis and risk. Ann NY Acad Sci 1991; 614:289-311.

155. Fuster V, Halperin JL. Left ventricular thrombi and cerebral embolism. N Engl J Med 1989; 320:392-394.

156. Cairns JA, Collins R, Fuster V, Passamani ER. Coronary thrombosis. Chest 1989; 95:73S-87S.

157. Badimon L, Badimon JJ, Turitto VT, Rand J, Fuster V. Functional behavior of vessels from pigs with von Willebrand's disease: Values of platelet deposition are identical to those obtained on normal vessels. Arteriosclerosis 1989; 9:184-188.

158. Badimon JJ, Badimon L, Galvez A, Dische R, Fuster V. High density lipoprotein plasma fractions inhibit aortic fatty streaks in cholesterol-fed rabbits. Lab Invest 1989; 60:455-461.

159. Hirsh J, Salzman EW, Harker L, Fuster V, Dalen JE, Cairns JA, Collins R. Aspirin and other platelet active drugs: Relationship among dose, effectiveness, and side effects. Chest 1989; 95:12S-18S.

160. Heras M, Chesebro JH, Penny WJ, Bailey KR, Badimon L, Fuster V. Effects of thrombin

inhibition on the development of acute platelet-thrombus deposition during angioplasty in pigs. Circulation 1989; 79:657-665.
161. The TIMI Study Group: Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction. Result of the thrombolysis in myocardial infarction (TIMI) Phase II trial. N Engl J Med 1989; 320:618-627.
162. Fuster V, Cohen M, Halperin JL. Aspirin in the prevention of coronary disease. N Engl J Med 1989; 321:183-185.
163. Halperin JL, Fuster V. Left ventricular thrombus and stroke after myocardial infarction: Toward prevention or perplexity? J Am Coll Cardiol 1989; 14:912-914.
164. Stein B, Fuster V, Israel DH, Cohen M, Badimon L, Badimon JJ, Chesebro JH. Platelet inhibitor agents in cardiovascular disease: An update. J Am Coll Cardiol 1989; 14:813-836.
165. Cohen M, Fuster V, Steele PM, Driscoll D, McGoon DC. Coarctation of the aorta: Long- term follow-up and prediction of outcome after surgical correction. Circulation 1989; 80:840-845.
166. Machac J, Vallabhajosula S, Goldman ME, Goldsmith SJ, Palestro C, Strashun A, Vaquer R, Phillips R, Fuster V. Value of blood pool subtraction in cardiac indium-111 labeled platelet imaging. J Nucl Med 1989; 30:1445-1455.
167. Heras M, Chesebro JH, Webster M, Mruk J, Grill D, Badimon L, Fuster V. Prevention of thrombosis by recombinant hirudin during arterial angioplasty in pigs: Comparison with heparin. J Am Coll Cardiol 1989; 13:77A.
168. Stein B, Fuster V, Halperin J, Chesebro JH. Antithrombotic therapy in cardiac disease: An emerging approach based on the pathogenesis and risk. Circulation 1989; 80:1501- 1513.
169. Stein B, Fuster V. Antithrombotic therapy in acute myocardial infarction: Prevention of venous, left ventricular and coronary artery thromboembolism. Am J Cardiol 1989; 64(Suppl B):33B-40B.
170. Badimon L, Badimon JJ, Turitto VT, Fuster V. Role of von Willebrand factor in mediating platelet-vessel wall interaction at low shear rate: The importance of perfusion conditions. Blood 1989; 73:961-967.
171. Badimon L, Badimon JJ, Galvez, Turitto V, Fuster V. Platelet interaction with vessel and collagen in pigs with homozygous von Willebrand's disease associated with abnormal collagen aggregation. Thromb Haemost 1989; 61:57-64.
172. Goldman S, Copeland J, Moritz T, Henderson W, Zadina K, Ovitt T, Doherty J, Read R, Chesler E, Sako Y, Lancaster L, Emergy R, Sharma G, Josa M, Pacold I, Montoya A, Parikh D, Sethi G, Holt J, Kirklin J, Shabetai R, Moores W, Aldridge J, Masud Z, DeMots H, Floten S, Haakenson C, Harker LA (Fuster V, Data Monitoring Board). Saphenous vein graft patency 1 year after coronary artery bypass surgery and effects of antiplatelet therapy. Circulation 1989; 80:1190-1197.
173. Chesebro JH, Fuster V, Webster MWI. Endothelial injury and coronary vasomotion. J Am Coll Cardiol 1989; 14:1191-1192.
174. Gomes JG, Alexopoulos D, Winters SL, Deshmukh, Fuster V, Suh Kiung. The role of silent ischemia, the arrhythmic substrate and the short-long sequence in the genesis of sudden cardiac death. J Am Coll Cardiol 1989; 14:1618-1625.
175. Fuster V, Stein B, Badimon L, Badimon JJ, Ambrose JA, Chesebro JH. Atherosclerotic plaque rupture and thrombosis: Evolving concepts. Circulation 1990; 82(Suppl II):47- 59.
176. Chesebro JH, Badimon L, Fuster V. New approaches to treatment of myocardial infarction. Am J Cardiol 1990; 65:12C-19C.
177. Fuster V, Stein B, Halperin JL, Chesebro JH. Antithrombotic therapy in cardiac disease: An approach based on pathogenesis and risk stratification. Am J Cardiol 1990; 65:38C-44C.
178. Stroke Prevention in Atrial Fibrillation Study Group Investigators: Preliminary report of the

stroke prevention in atrial fibrillation study. N Engl J Med 1990; 322:862-868.
179. Badimon JJ, Badimon L, Fuster V. Regression of atherosclerotic lesions by high density lipoprotein plasma fraction in the cholesterol-fed rabbit. J Clin Invest 1990; 85:1234-1241.
180. Stein B, Halperin JL, Fuster V. Prevention of left ventricular mural thrombosis and arterial embolism during and after acute myocardial infarction. Coronary Artery Disease 1990; 1:180-189.
181. Cohen M, Fuster V. Unstable angina: Mechanisms and treatment. Coronary Artery Disease 1990; 1:166-169.
182. Badimon JJ, Ip J, Badimon L, Fuster V. Thrombosis and accelerated atherosclerosis in coronary bypass surgery and restenosis after percutaneous transluminal coronary angioplasty: Implications for therapy. Coronary Artery Disease 1990; 1:170-179.
183. Ip JH, Fuster V, Badimon L, Cohen M, Badimon JJ, Chesebro JH. Syndromes of accelerated atherosclerosis: Role of vascular injury and smooth muscle cell proliferation. J Am Coll Cardiol 1990; 15:1667-1687.
184. Rogers WJ, Baim DS, Gore JM, et al for the TIMI II-A Investigators: Comparison of immediate invasive, delayed invasive, and conservative strategies after tissue-type plasminogen activator. Results of the Thrombolysis in Myocardial Infarction (TIMI Phase II-A Trial). Circulation 1990; 81:1457-1476.
185. Ryan TJ, Graham TP, Annas GJ, DeMaria AN, Fost NC, Fuster V, Harvey JC, Levinsky NG, McCullough LB, Rettig RA, Schwartz WJ, Sundwall DN, Talner NS, Wigle ED, Willman VL: Task Force III: Perspectives on the allocation of limited resources in cardiovascular medicine. J Am Coll Cardiol 1990; 16:17-23.
186. Gunnar RM, Bourdillon PDV, Dixon DW, Fuster V, Karp RB, Kennedy JW, Klocke FJ, Passamani ER, Pitt B, Rapaport E, Reeves TJ, Russell RO, Sobel BE, Winters WL. ACC/AHA Task Force Report: Guidelines for early management of patients with acute myocardial infarction. J Am Coll Cardiol 1990; 16:249-292.
187. Sanborn TA, Alexopoulos D, Marmur J, Kahn H, Badimon JJ, Badimon L, Fuster V. Coronary excimer laser angioplasty: Reduced complications, and indium-111 platelet accumulation compared to laser thermal angioplasty. J Am Coll Cardiol 1990; 16:502-506.
188. Heras M, Chesebro JH, Webster MWI, Mruk JS, Grill DE, Penyy WJ, Bowie EJW, Badimon L, Fuster V. Hirudin, heparin and placebo during deep arterial injury in the pig: The in vivo role of thrombin in platelet-mediated thrombosis. Circulation 1990; 82:1476-1484.
189. Badimon JJ, Fuster V, Badimon L. Accelerated atherosclerosis and thrombosis in coronary bypass surgery and restenosis after PTCA: Implications for therapy. Clin Invest Arteriosclerosis 1990; 2:107-114.
190. Chesebro JH, Fuster V, Halperin JL. Atrial fibrillation - Risk marker for stroke. N Engl J Med 1990; 323:1556.
191. The Stroke Prevention in Atrial Fibrillation Investigators: Design of a multicenter randomized trial for the stroke prevention in atrial fibrillation study. Stroke 1990; 21:538-545.
192. Cohen M, Fuster V. Insights into the pathogenetic mechanisms of unstable angina. Haemostasis 1990; 20(Suppl 1):102-112.
193. Badimon L, Badimon JJ, Fuster V. Thrombogenesis and inhibition of platelet aggregation. Experimental aspects and future approaches. Kardiologie 1990; 79:133- 145.
194. Goldman S, Copeland J, Moritz T, Henderson W, Zadina K, Ovitt T, Kern K, Sethi G, Sharma G, Khuri S, Richards K, Grover F, Morrison D, Johnston M, Chesler E, Sako Y, Pacold I, Montoya A, DeMots H, Floten S, Doherty J, Read R, Scott S, Spooner T, Masud Z, Haakenson C, Harker L (Fuster V, Data Monitoring Board). Circulation 1990; 82(suppl IV):IV-237-IV-242.
195. Cohen M, Adams PC, Hawkins L, Bach M, Fuster V. Usefulness of antithrombotic therapy in

resting angina pectoris or non-Q-wave myocardial infarction in preventing death and myocardial infarction (A pilot study from the Antithrombotic Therapy in Acute Coronary Syndromes Group. Am J Cardiol 1990; 66:1287-1292.

196. Fuster V, Ip JH, Badimon L, Badimon JJ, Stein B, Chesebro JH. Importance of experimental models for the development of clinical trials on thromboatherosclerosis. Circulation 1991; 83(Suppl IV):IV-15-IV-25.
197. Ip JH, Fuster V, Israel D, Badimon L, Badimon J, Chesebro JH. The role of platelets, thrombin and hyperplasia in restenosis after coronary angioplasty. J Am Coll Cardiol 1991; 17:77B-88B.
198. Badimon L, Badimon JJ, Lassila R, Heras M, Chesebro JH, Fuster V. Thrombin regulation of platelet interaction with damaged vessel wall and isolated collagen type I at arterial flow condition in a porcine model. Effects of hirudins, heparin and calcium chelation. Blood 1991; 78:423-434.
199. Marmur JD, Sanborn TA, Kahn H, Badimon JJ, Badimon L, Fuster V. Acute biological response to excimer versus thermal laser angioplasty in experimental atherosclerosis. J Am Coll Cardiol 1991; 17:978-984.
200. Badimon JJ, Badimon L, Turitto VT, Fuster V. Platelet deposition at high shear rates is enhanced by high plasma cholesterol levels. Study in vivo in the rabbit model. Arteriosclerosis & Thrombosis 1991; 11:395-402.
201. Chesebro JH, Fuster V. Dynamic thrombosis and thrombolysis: Role of antithrombins. Circulation 1991; 83:1815-1817.
202. Cohen M, Hawkins L, Greenberg S, Fuster V. Usefulness of ST-segment changes in > 2 leads on the emergency room electrocardiogram in either unstable angina pectoris or non-Q-wave myocardial infarction in predicting outcome. Am J Cardiol 1991; 67:1368- 1373.
203. Lam JYT, Chesebro JH, Steele PM, Heras M, Webster MWI, Badimon L, Fuster V. Antithrombotic therapy for deep arterial injury by angioplasty: Efficacy of common platelet inhibition compared with thrombin inhibition in pigs. Circulation 1991; 84:814-820.
204. Fuster V, Badimon L, Badimon JJ, Ip JH, Chesebro JH. The porcine model for the understanding of thrombogenesis and atherogenesis. Mayo Clin Proc 1991; 66:818-831.
205. Stroke Prevention in Atrial Fibrillation Investigators. Stroke prevention in atrial fibrillation study: Final results. Circulation 1991; 84:527-539.
206. Goldman S, Copeland J, Moritz T, Henderson W, Zadina K, Ovitt T, Kern KB, Sethi G, Sharma GVRK, Khuri S, Richards K, Grover F, Morrison D, Whitman G, Chesler E, Sako Y, Pacold I, Montoya A, DeMots H, Floten S, Doherty J, Read R, Scott S, Spooner T, Masud Z, Haakenson C, Harker LA, and the Department of Veterans Affairs Cooperative Study Group (Fuster V, Data Monitoring Board). Starting aspirin therapy after operation: Effects on early graft patency. Circulation 1991; 84:520-526.
207. Badimon L, Merino A, Badimon JJ, Fuster V. Trombosis arterial y activacion plaquetar. I. Fisiopatologia. Rev Imberoamer Tromb Hemostasia 1991; 4:73-80.
208. Badimon L, Merino A, Badimon JJ, Fuster V. Trombosis arterial y activacion plaquetar. II. Tratamiento antitrombotico. Rev Imberoamer Tromb Hemostasia 1991; 4:81-88.
209. Chesebro JH, Zoldhelyi P, Fuster V. Pathogenesis of thrombosis in unstable angina. Am J Cardiol 1991; 68:2B-10B.
210. Chesebro JH, Badimon L, Fuster V. Importance of antithrombin therapy during coronary angioplasty. J Am Coll Cardiol 1991; 17:96B-100B.
211. Chesebro JH, Zoldhelyi P, Fuster V. Plaque disruption and thrombosis in unstable angina pectoris. Am J Cardiol 1991; 68:9C-15C.
212. Habib GB, Heibig J, Forman SA, Brown BG, Roberts R, Terrin ML, Bolli R, and the TIMI Investigators. Influence of coronary collateral Vessels on myocardial infarct size in humans:

Results of Phase I Thrombolysis in Myocardial Infarction (TIMI) Trial. (Fuster V, Safety and Data Monitoring Committee). Circulation 1991; 83:739-746.

213. Israel DH, Fuster V, Ip JH, Chesebro JH. Antithrombotic therapy in acute myocardial infarction. Thromb Haemorrh Disorders 1991; 4:33-41.
214. Baim DS, Diver DJ, Feit F, Greenberg MA, Holmes DR, Weiner BH, Williams DO, Schweiger MJ, Brown BG, Frederick MM, Knatterud GL, Braunwald E, for the TIMI II Investigators. (Fuster V, Safety and Data Monitoring Committee). Coronary angioplasty performed within the thrombolysis in myocardial infarction II study. Circulation 1992; 85:93- 105.215.
215. Heras M, Chesebro JH, Webster MWI, Mruk JS, Grill DE, Fuster V. Antithrombotic efficacy of low-molecular-weight heparin in deep arterial injury. Arteriosclerosis and Thrombosis 1992; 12:250-255.
216. Ferrell M, Fuster V, Gold HK, Chesebro JH. A dilemma for the 1990's: Choosing the appropriate experimental animal model for the prevention of restenosis. Circulation 1992;85:1630-31.
217. Betriu A, Heras M, Cohen M, Fuster V. Unstable angina: Outcome according to clinical presentation. J Am Coll Cardiol 1992; 19:1659-63.
218. Fuster V, Badimon L, Badimon JJ, Chesebro JH. Coronary artery disease: Progression and acute coronary syndromes (Part 1). N Engl J Med 1992; 326:242-250.
219. Fuster V, Badimon L, Badimon JJ, Chesebro JH. Coronary artery disease: Progression and acute coronary syndromes (Part 2). N Engl J Med 1992; 326:310-318.
220. Kleiman NS, Terrin M, Mueller H, Chaitman B, Roberts R, Knatterud GL, Solomon R, McMahon RP, Braunwald E, and the TIMI Investigators. Mechanisms of early death despite thrombolytic therapy: Experience from the thrombolysis in myocardial infarction phase II (TIMI II) study. JAm Coll Cardiol 1992;19:1129-35.
221. Mueller HS, Cohen LS, Braunwald E, Forman S, Feit F, Ross A, Schweiger M, Cabin H, Davison R, Miller D, Solomon R, Knatterud GL, for the TIMI Investigators. Predictors of early morbidity and mortality after thrombolytic therapy of acute myocardial infarction. Analyses of patient subgroups in the thrombolysis in myocardial infarction (TIMI) trial, phase II. Circulation 1992;85:1254-64.
222. Williams DO, Braunwald E, Knatterud , Babb J, Bresnahan J, Greenberg MA, Raizner A, Wasserman A, Robertson T, Ross R, and TIMI Investigators. One-year results of the thrombolysis in myocardial infarction investigation (TIMI) phase II trial. Circulation1992;85:533-42.
223. Lam JYT, Badimon JJ, Ellefson RD, Fuster V, Chesebro JH. Cod liver oil alters platelet-arterial wall response to injury in pigs. Circ Res 1992; 71:769-775
224. The Stroke Prevention in Atrial Fibrillation Investigators. Predictors of thromboembolism in atrial fibrillations: I. Clinical features of patients at risk. Ann Intern Med 1992;116:1-5.
225. The Stroke Prevention in Atrial Fibrillation Investigators. Predictors of thromboembolism in atrial fibrillations: II: Echocardiographic features of patients at risk. Ann Intern Med 1992;116:6-12.
226. The Stroke Prevention in Atrial Fibrillation Investigators. Antiarrhythmic drug therapy and cardiac mortality in atrial fibrillation. J Am Coll Cardiol 1992; 20:527-32.
227. Fuster V (Guest Editor). Progression-Regression of Atherogenesis: Molecular, Cellular, and Clinical Bases (Supplement to Circulation). Circulation 1992; 86(Suppl III).
228. Fuster V, Badimon JJ, Badimon L. Clinical-pathological correlations of coronary disease progression and regression. Circulation 1992; 86(Suppl III):III-1-III-11.
229. Badimon JJ, Fuster V, Badimon L. Role of high density lipoproteins in the regression of atherosclerosis. Circulation 1992; 86(Suppl III):III-86-III-94.

230. Badimon L, Badimon JJ, Gold HK, Fuster V. Coronary atherosclerosis: Morphology and characteristics to identify by evolving imaging technology. Am J Cardiac Imag 1992; 6:278-288.
231. Cairns JA, Fuster V, Kennedy JW. Coronary thrombolysis. Chest 1992; 102:482S-507S.
232. Hirsh J, Dalen JE, Fuster V, Harker LB, Salzman EW. Aspirin and other platelet-active drugs: The relationship between dose, effectiveness, and side effects. Chest 1992; 102:237S-336S.
233. Merino A, Hauptman P, Badimon L, Badimon JJ, Cohen M, Fuster V, Goldman M. Echocardiographic "smoke" is produced by an interaction of erythrocytes and plasma proteins modulated by shear forces. J Am Coll Cardiol 1992; 20:1661-1668.
234. Zoldhelyi P, Fuster V, Chesebro JH. Antithrombins as conjunctive therapy in arterial thrombolysis. Coronary Artery Disease 1992; 3:1003-1009.
235. Jang I-K, Fuster V, Gold HK. Antiplatelets. Coronary Artery Disease 1992; 3:1030-1036.
236. Sugrue DD, Rodeheffer RJ, Codd MB, Ballard DJ, Fuster V, Gersh BJ. The clinical course of idiopathic dilated cardiomyopathy: A population-based study. Ann Intern Med 1992; 117:117-23.
237. Chesebro JH, Fuster V. Thrombosis in unstable angina. N Engl J Med 1992;327:192-194.
238. Lam JYT, Chesebro JH, Badimon L, Fuster V. Exogenous prostacyclin decreases vasoconstriction but not platelet thrombus deposition after arterial injury. J Am Coll Cardiol 1993; 21:488-492.
239. Ridker PM, Hebert PR, Fuster V, Hennekens CH. Are both aspirin and heparin justified as adjuncts to thrombolytic therapy for acute myocardial infarction? The Lancet 1993; 341:1574-1577.
240. Badimon L, Badimon JJ, Chesebro JH, Fuster V. Von Willebrand Factor and Cardiovascular Disease. Thrombosis and Haemostasis 1993; 70:111-118.
241. Marmur JD, Taubman MB, Fuster V. Pathophysiology of restenosis: The role of platelets and thrombin. J Vasc Med Biol 1993; 4:55-63.
242. Fuster V. Coronary thrombolysis - A perspective for the practicing physician. N Engl J Med 1993; 329:723-5.
243. Murphy JG, Gersh BJ, Mair DD, Fuster V, McGoon MD, Ilstrup DM, McGoon DC, Kirklin JW, Danielson GK. Long-term outcome in patients undergoing surgical repair of Tetralogy of Fallot. New Engl J Med 1993;329:593-9.
244. Zoldhelyi P, Webster MWI, Fuster V, Grill DE, Gaspar D, Edwards SJ, Cabot CF, Chesebro JH. Recombinant hirudin in patients with chronic, stable coronary artery disease: safety, half-life, and effect on coagulation parameters. Circulation 1993; 88[part 1]:2015-2022.
245. Higenbottam TW, Spiegelhalter D, Scott JP, Fuster V, Dinh-Xuan AT, Caine N, Wallwork J. Prostacyclin (epoprostenol) and heart-lung transplantation as treatments for severe pulmonary hypertension. Br Heart J 1993; 70:366.
246. Cohen M, Xiong J, Parry G, Adams PC, Chamberlain D, Wieczorek I, Fox KAA, mcBride R, Chesebro JH, Fuster V. Prospective comparison of unstable angina versus non-Q wave myocardial infarction during antithrombotic therapy. J Am Coll Cardiol 1993; 22:1338-1343.
247. Fuster V, Dyken ML, Vokonas PS, Hennekens C. Aspirin as a therapeutic agent in cardiovascular disease. Circulation 1993; 87:659-675.
248. Lerman A, Webster MWI, Chesebro JH, Edwards WD, Wei C-M, Fuster V, Burnett JC. Circulating and tissue endothelin immunoreactivity in hypercholesterolemic pigs. Circulation 1993; 88:2923-2928.
249. Badimon JJ, Fuster V, Chesebro JH, Badimon L. Coronary Atherosclerosis: A multifactorial disease. Circulation 1993; 87(Suppl II):II-3 - II-16.
250. Jang I-K, Lassila R, Fuster V. Atherogenesis and inflammation. Eur Heart J 1993; 14(Suppl

K):2-6.

251. The RAPT Investigators (Fuster V, Data and Safety Monitoring Committee). Ridogrel, a combined thromboxane A2 synthase inhibitor and prostaglandin/endoperoxide receptor antagonist, vs aspirin as conjunctive therapy for thrombolysis. The Ridogrel vs Aspirin Patency Trial (RAPT). Circulation 1994; 89:588-595.
252. Alexopoulos D, Sanborn TA, Marmur JD, Badimon JJ, Badimon L, Dische R, Fuster V. The acute biological response to laser balloon angioplasty in the atherosclerotic rabbit. Lasers in Surgery and Medicine 1994; 14:7-12.
253. Fuster V. In memory of Dr. Simon Dack. J Am Coll Cardiol 1994; 23:1265.
254. Antiplatelet Trialists' Collaboration (Fuster V, Collaborator). Collaborative overview of randomized trials of antiplatelet therapy I: Prevention of death, myocardial infarction, and stroke by prolonged antiplatelet therapy in various categories of patients. Br Med J 1994; 308:81-106.
255. Antiplatelet Trialists' Collaboration (Fuster V, Collaborator). Collaborative overview of randomized trials of antiplatelet therapy II: Maintenance of vascular graft or arterial patency by antiplatelet therapy. Br Med J 1994; 308:159-168.
256. Antiplatelet Trialists' Collaboration (Fuster V, Collaborator). Collaborative overview of randomized trials of antiplatelet therapy III: Reduction in venous thrombosis and pulmonary embolism by antiplatelet prophylaxis among surgical and medical patients. Br Med J 1994; 308:235-246.
257. Israel DH, Sharma SK, Fuster V. Antithrombotic therapy in prosthetic heart valve replacement. Am Heart J 1994; 127:400-411.
258. Cohen M, Adams PC, Parry G, Xiong J, Chamberlain D, Wieczorek I, Fox KAA, Chesebro JH, Strain J, Keller C, Kelly A, Lancaster G, Ali J, Kronmal R, Fuster V. Combination antithrombotic therapy in unstable rest angina and non-Q-wave infarction in nonprior aspirin users: Primary end points analysis from the ATACS trial. Circulation 1994; 89:81-88.
259. Hirsh J, Fuster V. Guide to anticoagulant therapy. Part 1: Heparin. Circulation 1994; 89:1449-1468.
260. Hirsh J, Fuster V. Guide to anticoagulant therapy. Part 2: Oral Anticoagulants. Circulation 1994; 89:1469-1480.
261. Badimon JJ, Weng D, Chesebro JH, Fuster V, Badimon L. Platelet deposition induced by severely damaged vessel wall is inhibited by a boroarginine synthetic peptide with antithrombin activity. Thrombosis and Haemostasis 1994; 71:1-7.
262. Fernandez-Ortiz A, Meyer BJ, Mailhac A, Falk E, Badimon L, Fallon JT, Fuster V, Chesebro JH, Badimon JJ. A new approach for local intravascular drug delivery: Iontophoretic balloon. Circulation 1994; 89:1518-1522.
263. Topol EJ, Fuster V, Harrington RA, Califf RM, Kleinman NS, Kereiakes DJ, Cohen M, Chapekis A, Gold HK, Tannenbaum MA, Rao AK, Debowey D, Schwartz D, Henis M, Chesebro J. Recombinant hirudin for unstable angina pectoris: A multicenter, randomized angiographic trial. Circulation 1994; 89:1557-1566.
264. Fernandez-Ortiz A, Badimon JJ, Falk E, Fuster V, Meyer B, Mailhac A, Weng D, Shah PK, Badimon L. Characterization of the relative thrombogenecity of atherosclerotic plaque components: Implications for consequences of plaque rupture. J Am Coll Cardiol 1994; 23:1562-1569.
265. Moreno PR, Falk E, Palacios IF, Newell JB, Fuster V, Fallon JT. Macrophage infiltration in acute coronary syndromes: Implications for plaque rupture. Circulation 1994; 90:775-778
266. Schecter AD, Chesebro JH, Fuster V. Refractory Prinzmetal angina treated with cyproheptadine. Ann Intern Med 1994; 121:113-114.

267. Fuster V. Lewis A. Conner Memorial Lecture. Mechanisms leading to myocardial infarction insights from studies of vascular biology. Circulation 1994; 90:2126-2146.
268. Huggins G, Fuster V. Left ventricular thromboembolism after myocardial infarction. Heart Disease and Stroke 1994; 3:355-360.
269. Meyer BJ, Badimon JJ, Mailhac A, Fernandez-Ortiz A, Chesebro JH, Fuster V, Badimon L. Inhibition of growth of thrombus on fresh mural thrombus: Targeting optimal therapy. Circulation 1994; 90:2432-2438.
270. Meyer B, Fernandez-Ortiz A, Mailhac A, Falk E, Badimon L, Michael AD, Chesebro JH, Fuster V, Badimon JJ. Local delivery of r-hirudin by a double-balloon perfusion catheter prevents mural thrombosis and minimizes platelet deposition after angioplasty. Circulation 1994; 90:2474-2480.
271. Dec GW, Fuster V. Idiopathic dilated cardiomyopathy. N Engl J Med 1994; 331:1564-1575.
272. Goodman SG, Langer A, Durica SS, Raskob GE, Comp PC, Gray RJ, Hall JH, Kelley P, Hua TA, Lee RJ, Fuster V, for the Coumadin Aspirin Reinfarction (CARS) Pilot Study Group. Safety and anticoagulation effect of a low-dose combination of warfarin and aspirin in clinically stable coronary artery disease. Am J Cardiol 1994; 74:657-661.
273. The Global Use of Strategies to Open Occluded Coronary Arteries (GUSTO) IIa Investigators. Randomized trial of intravenous heparin versus recombinant hirudin for acute coronary syndromes. Circulation 1994; 90:1631-1637.
274. Alexopoulos D, Sanborn TA, Marmur JD, Badimon JJ, Badimon L, Dische R, Fuster V. Acute biological response to laser balloon angioplasty in the atherosclerotic rabbit. Lasers in Surgery and Medicine 1994; 14:7-12.
275. Fuster V, Halperin JL. Aortic Dissection: A medical perspective. J Card Surg 1994; 9:713-728.
276. King SB, Frye RL, Fuster V, Garson A, Gay WA Jr., Popp RL. 25th Bethesda Conference: Future Personnel Needs for Cardiovascular Health Care Task Force 2: Academic Health Centers. J Am Coll Cardiol 1994; 24:275-328.
277. Falk E, Fallon JT, Mailhac A, Fernandez-Ortiz A, Meyer B, Weng D, Shah PK, Badimon JJ, Fuster V. Muramidase: A useful monocyte/macrophage immunocytochemical marker in swine of special interest in experimental cardiovascular disease. Cardiovascular Pathology 1994; 3:183-189.
278. Cohen M, Parry G, Adams PC, Xiong J, Chamberlain D, Wieczorek I, Fox KAA, Kronmal R, Fuster V, and the Antithrombotic Therapy in Acute Coronary Syndromes Research Group. Prospective evaluation of a prostacyclin-sparing aspirin formulation and heparin/warfarin in aspirin users with unstable angina or non-Q wave myocardial infarction at rest. Eur Heart J 1994; 15:1196-1203.
279. Merino A, Cohen M, Badimon JJ, Fuster V, Badimon L. Synergistic action of severe wall injury and shear forces on thrombus formation in arterial stenosis: Definition of a thrombotic shear rate threshold. J Am Coll Cardiol 1994; 24:1091-1094.
280. Zoldehelyi P, Bichler J, Owen WG, Grill DE, Fuster V, Mruk JS, Chesebro JH. Persistent thrombin generation in humans during specific thrombin inhibition with hirudin. Circulation 1994; 90:2671-2678.
281. Pearson T, Rapaport E, Criqui M, Furgberg C, Fuster V, Hiratzka L, Little W, Ockene I, Williams G. Optimal risk factor management in the patient after coronary revascularization: A statement for healthcare professionals from an American Heart Association Writing Group. Circulation 1994; 90:3125-3133.
282. Toussaint J-F, Southern JF, Fuster V, Kantor HL. 13C-NMR spectroscopy of human atherosclerotic lesions: Relation between fatty acid saturation, cholesteryl ester content, and

luminal obstruction. Arterioscler. Thromb. 1994; 14:1951-1957.

283. Mailhac A, Badimon JJ, Fallon JT, Fernandez-Ortiz A, Meyer B, Chesebro JH, Fuster V, Badimon L. Effect of an eccentric severe stenosis on fibrin(ogen) deposition on severely damaged vessel wall in arterial thrombosis. Relative contribution of fibrin(ogen) and platelet. Circulation 1994; 90:988-996.
284. Braunwald E, Jones RH, Mark DB, Brown J, Brown L, Cheitlin MD, Concannon CA, Cowan M, Edwards C, Fuster V, Goldman L, Green LA, Grines CL, Lytle BW, McCauley KM, Mushlin AI, Rose GC, Smith EE, Swain JA, Topol EJ, Willerson JT. Diagnosing and managing unstable angina. Circulation 1994; 90:613-622.
285. Heras M, Chesebro JH, Fuster V, Penny WJ, Grill DE, Bailey KR, Danielson GK, Orszulak TA, Pluth JR, Puga FJ, Schaff HV, Larsonkeller JJ. High risk of thromboemboli early after bioprosthetic cardiac valve replacement. J Am Coll Cardiol 1995; 25:1111-1119.
286. Smith SC, Blair SN, Criqui MH, Fletcher GF, Fuster V, Gersh BJ, Gotto AM, Gould KL, Greenland P, Grundy SM, Hill MN, Hlatky MA, Houston-Miller N, Krauss RM, LaRosa J, Ockene IS, Oparil S, Pearson TA, Rapaport E, Starke RD. Consensus Panel Statement: Preventing heart attack and death in patients with coronary disease. Circulation 1995; 92:2-4.
287. Badimon L, Chesebro JH, Badimon JJ, Fuster V. Arterial angioplasty: Thrombosis and restenosis. J Physiol Pharmacol 1996(In press).
288. Fuster V, Badimon JJ. Regression or stabilization of atherosclerosis means regression or stabilization of what we don't see in the arteriogram. Eur Heart J 1995; 16:6-12.
289. Fuster V, Chesebro JH. Aspirin for primary prevention of coronary disease: An aspirin a day? Eur Heart J 1995; 16:16-20.
290. Fuster V. Elucidation of the role of plaque instability and rupture in acute coronary events. Am J Cardiol 1995; 76:24C-33C.
291. Stary HC, Chandler AB, Dinsmore RE, Fuster V, Glagov S, Insull W, Rosenfeld ME, Schwartz CJ, Wagner WD, Wissler RW. A definition of advanced types of atherosclerotic lesions and a histological classification of atherosclerosis: A report from the Committee on Vascular Lesions of the Council on Arteriosclerosis, American Heart Association. Circulation 1995; 92:1355-1374.
292. Falk E, Shah PK, Fuster V. Coronary plaque disruption. Circulation 1995; 92:657-671.
293. Falk E, Fuster V. Angina pectoris and disease progression. Circulation 1995; 92:2033-2035.
294. Stary HC, Chandler AB, Dinsmore RE, Fuster V, Glagov S, Insull W, Rosenfeld ME, Schwartz CJ, Wagner WD, Wissler RW. A definition of advanced types of atherosclerotic lesions and a histological classification of atherosclerosis: A report from the Committee on Vascular Lesions of the Council on Arteriosclerosis, American Heart Association. Arterioscler Thromb Vasc Biol 1995; 15:1512-1531.
295. Chesebro JH, Badimon JJ, Hassinger NL, McBane RD, Fuster V. Acute myocardial infarction and the role of aspirin, heparin, and warfarin. Journal of Thrombosis and Thrombolysis 1995; 1:231:235.
296. Toussaint J-F, Southern JF, Fuster V, Kantor HL. T2-weighted contrast for NMR characterization of human atherosclerosis. Arterioscler Thromb Vasc Biol 1995; 15:1533-1542.
297. Fernandez-Ortiz A, Meyer B, Chesebro JH, Fuster V, Badimon JJ. Potential applications of iontophoresis for local drug delivery of vascular diseases. J Interven Cardiol 1995; 8:420.
298. Shah PK, Falk E, Badimon JJ, Fernandez-Ortiz A, Mailhac A, Villareal-Levy G, Fallon JT, Regnstrom J, Fuster V. Human monocyte-derived macrophages induce collagen breakdown in fibrous caps of atherosclerotic plaques: Potential role of matrix-degrading metalloproteinases and implications for plaque rupture. Circulation 1995; 92:1565.
299. Vorchheimer DA, Fuster V. Coumadin Aspirin Reinfarction Study: Rationale and Design of

the CARS Study. J Thrombos & Thrombolysis 1995; 2:171-176.

300. Cairns JA, Fuster V, Gore J, Kennedy JW. Coronary thrombolysis. Chest 1995; 108 (Suppl Oct):401S-423S.

301. Hirsh J, Dalen JE, Fuster V, Harker L, Patrono C, Roth GJ. Aspirin and other platelet-active drugs: The relationship between dose, effectiveness, and side effects. Chest 1995; 108(Suppl Oct):247S.

302. Fuster V, Falk E, Fallon JT, Badimon L, Chesebro JH, Badimon JJ. The three processes leading to post PTCA restenosis: Dependence on the lesion substrate. Thrombosis and Haemostasis 1995; 74:552-559.

303. Badimon L, Alfon J, Royo T, Berrozpe M, Martinez-Gonzalez J, Vidal F, Chesebro JH, Fuster V, Badimon JJ. Cell biology of restenosis post-angioplasty. Z Kardiol 1995; 84(Suppl 4):145-149.

304. Goldman ME, Fisher EA, Winters S, Reichstein R, Stavile K, Gorlin R, Fuster V. Early identification of patients with native valve infectious endocarditis at risk for major complications by initial clinical presentation and baseline echocardiography. International Journal of Cardiology 1995; 52:257-264.

305. Langer A, Fisher M, Califf RM, Goodman S, O'Connor CM, Harrington RA, Fuster V. for the CARS Investigators. Higher rates of Coronary angiography and revascularization following myocardial infarction may be associated with greater survival in the United States than in Canada. Can J Cardiol 1999;15:1095-1102.

306. Mruk JS, Zoldhelyi P, Webster MWI, Heras M, Grill DE, Holmes DR, Fuster V, Chesebro JH. Does antithrombotic therapy influence residual thrombus after thrombolysis of platelet-rich thrombus? Effects of r-hirudin, heparin or aspirin. Circulation 1996; 93:792-799.

307. Toussaint JF, LaMuraglia GM, Southern JF, Fuster V, Kantor HL. Magnetic resonance images lipid, fibrous, calcified, hemorrhagic, and thrombotic components of human atherosclerosis in vivo. Circulation 1996; 94:932-938.

308. Prystowsky EN, Benson DW, Fuster V, Hart RG, Kay GN, Myerburg RJ, Naccarelli GV, Wyse G. Special report: Management of patients with atrial fibrillation: A report for health professionals from the Subcommittee on Electrocardiography and Electrophysiology, American Heart Association. Circulation 1996; 93:1262-1277.

309. Fuster V, Pearson TA (Co-Chairs). 27th Bethesda Conference: Matching the intensity of risk factor management with the hazard for coronary disease events. J Am Coll Cardiol 1996;27:957-1047.

310. Fuster V, Gotto AM, Libby P, Loscalzo J, McGill H. Task Force 1. Pathogenesis of coronary disease: The biologic role of risk factors. J Am Coll Cardiol 1996; 7(5):964-975.

311. Pearson TA, Fuster V. Executive Summary. 27th Bethesda Conference: Matching the intensity of risk factor management with the hazard for coronary disease events. J Am Coll Cardiol 1996;27(5):961-963.

312. Smith AJC, Holt RE, Fitzpatrick K, Palacios IF, Gold HK, Werner W, Bovill EG, Fuster V, Jank IK. Transient thrombotic state after abrupt discontinuation of heparin in percutaneous coronary angioplasty. Am Heart J 1996;131:434-439.

313. Dangas G, Fuster V. Management of restenosis after coronary intervention. Am Heart J 1996; 132(2):428-436.

314. Wexler L, Brundage B, Crouse J, Detrano R, Fuster, V, Maddahi J, Rumberger J, Stanford W, White R, Taubert K. Coronary artery calcification: Pathophysiology, epidemiology, imaging methods and clinical implications. Circulation 1996;94:1175-1192.

315. Rao AK, Sun L, Chesebro JH, Fuster V, Harrington RA, Schwartz D, Gallo P, Matos D, Topol EJ. Distinct effects of recombinant desulfatohirudin (Revasc) and heparin on plasma levels of

fibrinopeptide A and prothrombin fragment F1.2 in unstable angina. A multicenter trial. Circulation 1996; 94:2389-2395.

316. Moreno PR, Bernardi VH, Lopez-Cuellar J, Murcia AM, Palacios IF, Gold HK, Mehran R, Sharma SK, Nemerson Y, Fuster V, Fallon JT. Macrophages, smooth muscle cells, and tissue factor in unstable angina. Implications for cell-mediated thrombogenecity in acute coronary syndromes. Circulation 1996;94:3090-3097.

317. Moreno PR, Bernardi VH, Lopez-Cuellar J, Newell JB, McMellon C, Gold HK, Palacios IF, Fuster V, Fallon JT. Macrophage infiltration predicts restenosis after coronary intervention in patients with unstable angina. Circulation 1996; 94:3098-3102.

318. Chesebro JH, Fuster V. Optimal antithrombotic therapy for mechanical prosthetic heart valves. Circulation 1996;94:2055-2056.

319. Cohen M, Adams PC, McBride R, Fuster V. Antithrombotic Therapy in Acute Coronary Syndromes Research Group. Prospective comparison of patient characteristics and outcome of non-prior aspirin users versus aspirin users with unstable angina or non-Q-wave myocardial infarction treated with combination antithrombotic therapy. J Thrombosis and Thrombolysis 1997;4:275-280.

320. Toschi V, Gallo R, Lettino M, Fallon JT, Gertz SD, Fernandez-Ortiz A, Chesebro JH, Badimon L, Nemerson Y, Fuster V, Badimon JJ. Tissue factor modulates the thrombogenecity of human atherosclerotic plaques. Circulation 1997;95:594-599.

321. The Global Use of Strategies to Open Occluded Coronary Arteries (GUSTO) I□ b Investigators (Fuster V, Investigator). A comparison of recombinant hirudin with heparin for the treatment of acute coronary syndromes. N Engl J Med 1996;335:775-782.

322 .Fuster V, Fallon JT, Nemerson Y. Coronary thrombosis. Lancet 1996;348 (Suppl I):s7-s10.

323 Caprie Steering Committee (Fuster, V, Study Chairman). A randomized, blinded, trial of clopidogrel versus aspirin in patients at risk of ischemic events (CAPRIE). Lancet 1996; 348:1329-1339.

324 Fuster V, Vorchheimer DA. Prevention of atherosclerosis in coronary artery bypass grafts. N Engl J Med 1997;336(3):212-213.

325 Ambrose JA, Fuster V. Editorial. Can we predict future acute coronary events in patients with stable coronary artery disease? JAMA 1997;277:343-344.

326 Kushwaha SS, Fallon JT, Fuster V. Restrictive cardiomyopathy. N Engl J Med 1997;336:267-276.

327 The Post Coronary Artery Bypass Graft Trial Investigators (Fuster V, Investigator). The effect of aggressive lowering of low-density lipoprotein cholesterol levels and low-dose anticoagulation on obstructive changes in saphenous-vein coronary artery bypass grafts. N Engl J M 1997;336:153-162.

328. Nash IS, Nash DB, Fuster V. Do cardiologists do it better? J Am Coll Cardiol 1997;29:475-478.

329. Chilian WM, NHLI Workshop Participants (Fuster V, Participant). Coronary microcirculation in health and disease. Circulation 1997;95:522-528.

330. Toussaint JF, Southern JF, Fuster V, Kantor HL. Water diffusion properties of human atherosclerosis and thrombosis measured by pulse field gradient nuclear magnetic resonance. Arterioscler Thromb Vasc Biol 1997;17:542-546.

331. Fuster V, Fallon JT, Badimon JJ, Nemerson Y. The unstable atherosclerotic plaque: Clinical significance and therapeutic intervention. Thrombosis and Haemostasis 1997;78(1):247-255.

332. Lengyel M, Fuster V, Keltai M, Roudaut R, Schulte HD, Seward JB, Chesebro JH, Turpie AGG. Guidelines for the management of left-sided prosthetic valve thrombosis. A role for thrombolytic therapy. J Am Coll Cardiol 1997;30:1521-1526.

333. Fuster V, Nash I. The generalist/cardiovascular specialist: A proposal for a new training track.

Ann Intern Med 1997;127:630-634.
334. Mehta D, Curwin J, Gomes JA, Fuster V. Sudden death in coronary disease: Acute ischemia versus myocardial substrate. Circulation 1997;96:3215-3223.
335. The Mechanisms Precipitating Acute Cardiac Events Group (Fuster V, member). Mechanisms precipitating acute cardiac events: Review and recommendations of an NHLBI Workshop. Circulation 1997;96:3233-3239.
336. Badimon JJ, Meyer B, Feigen LP, Baron DA, Chesebro JH, Fuster V, Badimon L. Thrombosis triggered by severe arterial lesions is inhibited by oral administration of a glycoprotein I□b/IIIa antagonist. Eur J Clin Inv 1997;27:568-574.
337. Hennekens CH, Dyken ML, Fuster V. Aspirin as a therapeutic agent in cardiovascular disease. A statement for healthcare professionals from the American Heart Association Writing Group. Circulation 1997;96:2751-2753.
338. Schussheim A, Fuster V. Thrombosis, antithrombotic agents, and the antithrombotic approach in cardiac disease. Progress in Cardiovascular Disease1997;40(3):205-238.
339. Vallabhajosula S, Fuster V. Atherosclerosis: Imaging techniques and the evolving role of nuclear medicine. J Nucl Med 1997;38:1788-1796.
340. Fuster V Investigator: Coumadin Aspirin Reinfarction Study (CARS). Randomized Double trial of fixed low dose warfarin with aspirin after acute myocardial infarction. Lancet 997;350:389
341. Harnick DJ, Cohen JL, Schecter CB, Fuster V, Smith DA. Effects of practice setting on quality of lipid lowering management in patients with coronary artery disease. Am J Cardiol 1998;81(12):1416-20.
342. Gutstein DE, Fuster V. Pathophysiologic bases for adjunctive therapies in the treatment and secondary prevention of acute myocardial infarction. Clin Cardiol 1998;21:161-168.
343. Ambrose JA, Fuster V. Editorial. The risk of coronary occlusion is not proportional to the prior severity of coronary stenosis. Heart 1998;79:3-4.
344. Adams PC, Skinner JS, Cohen M, McBride R, Fuster V, The Antithrombotic Therapy in Acute Coronary Syndromes Research Group. Acute coronary syndromes in the United States and United Kingdom: A comparison of approaches. Clin Cardiol 1998;21:348-352.
345. Toussaint J-F, Southern JF, Kantor HL, Jang I-K, Fuster V. Behavior of atherosclerotic plaque components after in vitro angioplasty and atherectomy studied by high field MR imaging. Magnetic Resonance Imaging 1998;16(2):175-183.
346. Metz BK, White HD, Granger CB, Simes RJ, Armstrong PW, Hirsh J, Fuster V, MacAulay CM, Califf RM, Topol EJ for the GUSTO IIb Investigators. Randomized comparison of direct thrombin inhibition versus heparin in conjunction with fibrinolytic therapy for acute myocardial infarction: Results from the GUSTO IIb Trial. J Am Coll Cardiol 1998;31:1493-1498.
347. Vorchheimer DA, Fuster V. Oral platelet glycoprotein I□b/IIIa antagonists: The present challenge is safety. Circulation 1998;97:312-314.
348. Gallo R, Padurean A, Toschi V, Bichler J, Fallon JT, Chesebro JH, Fuster V, Badimon JJ. Prolonged thrombin inhibition reduces restenosis after balloon angioplasty in porcine coronary arteries. Circulation 1998;97:581-588.
349. Meyer BJ, Badimon JJ, Chesebro JH, Fallon JT, Fuster V, Badimon L. Dissolution of mural thrombus by specific thrombin inhibition with r-Hirudin. Comparison with heparin and aspirin. Circulation 1998;97:681-685.
350. Fuster V. Mechanisms of arterial thrombosis: Foundation for therapy. Am Heart J 1998;135:S361-S366.
351. Fayad Z, Fallon JT, Shinnar M, Dansky HM, Poon M, Badimon JJ, Charlton SA, Fisher EA, Breslow JL, Fuster V. Noninvasive in vivo high resolution magnetic resonance imaging of atherosclerotic lesions in genetically-engineered mice. Circulation 1998;98: 1541-1547.

352. Gertz DS, Fallon JT, Gallo R, Taubman MB, Banai S, Barry WL, Gimple LW, Nemerson Y, Thiruvikraman S, Naidu SS, Chesebro, JH, Fuster V, Sarembock IJ, Badimon JJ. Hirudin reduces tissue factor expression in Neointima after balloon injury in rabbit femoral and porcine coronary arteries. Circulation 1998;98: 580-587.
353. Badimon JJ, Fernandez-Ortiz A, Meyer B, Mailhac A, Fallon JT, Falk E, Badimon L, Chesebro JH, Fuster V. Different response to balloon angioplasty of carotid and coronary arteries: effects on acute platelet deposition and intimal thickening. Atherosclerosis 1998;140:307-314.
354. Cairns JA, Kennedy JW, Fuster V. Coronary Thrombolysis. Chest 1998;634S-657S.
355. Fuster V, Fayad ZA, Badimon JJ. Acute Coronary Syndromes: Biology. Lancet 1999;353:SII5-SII9.
356. Gallo R, Padurean A, Jayamaran T, Marx S, Roque M, Adelman S, Chesebro J, Fallon J, Fuster V, Marks, A, Badimon JJ. Inhibition of Intimal Thickening after Balloon Angioplasty in Porcine Coronary Arteries by Targeting Regulators of the Cell Cycle. Circulation 1999;99:2164-2170.
359. Badimon JJ, Lettino M, Toschi V, Fuster V, Berrozpe M, Chesebro JH, Badimon L. Local Inhibition of Tissue Factor Reduces the Thrombogenecity of Disrupted Human Atherosclerotic Under Flow Conditions. Circulation 1999;99:1780-1787.
360. Vorchheimer DA, Badimon JJ, Fuster V. Platelet Glycoprotein IIb/IIIa Receptor Antagonists in Cardiovascular Disease. JAMA 1999;281:1407-1414.
361 Moreno PR, Palacios IF, Leon MN, Rhodes J, Fuster V, Fallon JT. Histopathologic Comparison of Human Coronary Instent and Post-Balloon Angioplasty Restenotic Tissue. Amer J. Cardiol 999;84:462-465.
362. Grundy SM, Pasternack R, Greenland P, Smith S, Fuster V. Assessment of Cardiovascular Risk by Use of Multiple-Risk-Factor Assessment Equations: a statement for healthcare professionals from the American Heart Association and the American College of Cardiology. Circulation 1999;100:1481-1492.
363. Langer A, Fisher M, Claiff RM, Goodman S, O'Connor CM, Harrington RA, Fuster V. Higher Rates of Coronary Angiography and Revascularization following Myocardial Infarction may be associated with greater survival in the United States than in Canada. Can J Cardiol 1999;15:1095-1102.
364. Moreno PR, Fallon JT, Bernardi VH, Harrell L, Weissman NJ, Fuster V, Rodriguez A, Palacios IF.
Histopathology of Coronary Lesions with early loss of minimal luminal diameter after successful percutaneous transluminal coronary angioplasty: Is thrombus a significant contributor? Amer Heart J 1999;136:804-811.
365. Reis ED, Roque M, Cordon-Cardo C, Fuster V, Badimon JJ. Time Course of p27 Expression after Femoral Arterial Injury in the Mouse. Vascular Surgery 1999;L:482-483.
366. Freudenberger R, Alexis J, Gass A, Fuster V, Badimon JJ. Antithrombotic Effect of FK506 vs Cyclosporine in Cardiac Transplant Recipients: Potential Implications in Transplant Arteriopathy. Journal of Heart and Lung Transplant 1999;18:1228-1231.
367. Moreno PR, Fallon JT, Murcia AM, Leon MN, Simosa H, Fuster V, Palacios IF. Tissue Characteristics of Restenosis after Percutaneous Transluminal Coronary Angioplasty in Diabetic Patients. JACC 1999;34:1045-1049.
368. Shinnar M, Fallon JT, Wehrli S, Levin M, Dalmacy D, Fayad ZA, Badimon JJ, Harrington M, Harrington E, Fuster V. The diagnostic accuracy of ex vivo MRI for human atherosclerotic plaque characterization. Arterioscler Thromb Vasc Biol. 1999 Nov;19(11):2756-61.
369. Grundy SM, Pasternak R, Greenland P, Smith S, Fuster V. AHA/ACC scientific statement: Assessment of cardiovascular risk by use of multiple-risk-factor assessment equations: a

statement for healthcare professionals from the American Heart Association and the American College of Cardiology. Circulation. 1999;100:(14)81-92 and J Am Coll Cardiol. 1999.Oct;34(4):1348-59.

370. Fuster V, Smaha L. AHA's new strategic impact goal designed to curb epidemic of cardiovascular disease and stroke. Circulation. 1999 May 11;99(18):2360.
371. Fuster V. Epidemic of cardiovascular disease and stroke: the three main challenges. Circulation. 1999 Mar 9;99(9):1132-7.
372. Roque M, Rauch U, Reis ED, Chesebro JH, Fuster V, Badimon JJ. Comparative study of antithrombotic effect of a low molecular weight heparin and unfractionated heparin in an ex vivomodel of deep arterial injury. Thromb Res. 2000 Jun 15;98(6):499-505.
373. Rauch U, Crandall J, Osende JI, Fallon JT, Chesebro JH, Fuster V. Increased thrombus formation relates to ambient blood glucose and leukocyte count in diabetes mellitus type 2. Am J Cardiol. 2000 Jul 15;86(2):246-9.
374. Fuster V. [Thrombus remodeling. Key factor in the progression of coronary atherosclerosis]. Rev Esp Cardiol. 2000;53 Suppl 1:2-7.
375. Helft G, Osende JI, Worthley SG, Zaman AG, Rodriguez OJ, Lev EI, Farkouh ME, Fuster V, Badimon JJ, Chesebro JH. Acute antithrombotic effect of a front-loaded regimen of clopidogrel in patients with atherosclerosis on aspirin. Arterioscler Thromb Vasc Biol. 2000 Oct;20(10):2316-21.
376. Reis, ED, Roque M, Cordon-Cardo C, Drobnjak M, Fuster V, Badimon JJ. Apoptosis, proliferation, and p27 expression during vessel wall healing: time course study in a mouse model of transluminal femoral artery injury. J Vasc Surg. 2000 Nov;32(5):1022-9.
377. Fuster V, Gotto AM. Risk Reduction. Circulation. 2000 Nov 14;102(20 Suppl 4):IV94-IV102.
378. Worthley SG, Helft G, Fuster V, Zaman AG, Fayad ZA, Fallon JT, Badimon JJ. Serial In vivo MRI documents arterial remodeling in experimental atherosclerosis. Circ. 2000;101:586-589.
379. Greenland P, Abrams J, Aurigemma GP, Bond MG, Clark LT, Criqui MH, Crouse JR, Friedman L, Fuster V, Herrington DM, Kuller LH, Ridker PM, Roberts WC, Stanford W, Stone N, Swan, HJ, Taubert KA, Wexler L. Prevention Conference V. Beyond Secondary Prevention: Identifying the high-risk patient for primary prevention: Non invasive tests of atherosclerotic burden. Circ 2000;101:e16-e22.
380. Fayad ZA and Fuster V. Characterization of atherosclerotic plaques by magnetic resonance imaging. Annals New York Academy of Sciences. 2000 Characterization of atherosclerotic plaques by magnetic resonance imaging. Ann N Y Acad Sci. 2000 May;902:173-86.
381. Worthley SG, Heft G, Fuster V, Fayad ZA, Fallon JT, Osende JI, Roque M, Shinnar M, Zaman AG, Rodriguez OJ, Verhallen P, Badimon JJ.High resolution ex vivo magnetic resonance imaging of in situ coronary and aortic atherosclerotic plaque in a porcine model. Atherosclerosis.2000;150:321-9.
382. Fayad ZA, Nahar T, Fallon JT, Goldman M, Aguinaldo JG, Badimon JJ, Shinnar M, Chesebro JH, Fuster V. In Vivo MR Evaluation of Atherosclerotic Plaques in the Human Thoracic Aorta: A Comparison with TEE. Circ. 2000 101: 2503-2509.
383. Fayad ZA. Fuster V, Fallon JT, Jayasundera T, Worthley SG, Helft GMD; Aguinaldo JG, Badimon JJ, Sharma Noninvasive in vivo human coronary artery lumen and wall imaging using black blood magnetic resonance. Circ. 2000;102:506-10.
384. Worthley SG, Helft G, Fayad ZA, Fuster V, Zaman AG, Shinnar M, Badimon JJ. Magnetic resonance imaging and asymptomatic aortic dissection. Circ. 2000;101:2771.
385. Worthley SG, Helft G, Fayad ZA, Fuster V, Rodriguez OJ, Zaman AG, Fallon JT, JJ Badimon. Noninvasive in vivo magnetic resonance imaging of experimental coronary artery lesions in a porcine model. Circ. 2000;101:2956-61.

386. Rauch U, Fuster V, et al. Statins and Cardiovascular diseases: the multiple effects of lipid-lowering therapy by statins. Atherosclerosis 2000;1153:181-9.
387. Roque M, Fuster V., et al. Modulation of apoptosis, prolification and p27 expression in a porcine coronary angioplasty model. Atherosclerosis 2000;153:315-22.
388. Hayes R, Chesebro JH, Fuster V, et al. Antithrombotic Effects of Abciximab, AJC 2000;85:1167-1172.
389. Zaman AG, Osende JI, Chesebro JH, Fuster V., et al. In Vivo Dynamic Real-time Monitoring and Quantification of Platelet-Thrombus Formation. ATVB 2000;20:860-865.
390. Sharma SK, Kini A, Marmur JD, Fuster V. Cardio-protective Effect of Prior Beta-Blocker Therapy in
Reducing CK-MB Elevation after Coronary Intervention. Circulation 2000;102:166-72.
391. Moreno PR, Murcia AM, Palacios IF, Leon MN, Bernardi VH, Fuster V, Fallon JT. Coronary Composition and Macrophage Infiltration in Atherectomy Specimens from Patients with Diabetes Mellitus. Circ. 2000;102:2180-4.
392. Roque M, Reis ED, Fuster V, Padurean A, Fallon JT, Taubman MB, Chesebro JH, Badimon JJ. Inhibition of tissue factor reduces thrombus formation and intimal hyperplasia after porcine coronary angioplasty. J Am Coll Cardiol. 2000;36(7):2303-10.
393. Fonseca FA, Izar MC, Fuster V, Gallo R, Padurean A, Fallon JT, Schachter EN, Chesebro JH, Badimon JJ. Chronic endothelial dysfunction after oversized coronary balloon angioplasty in pigs: a 12-week follow-up of coronary vasoreactivity in vivo and in vitro. Atherosclerosis. 2001;154(1):61-9.
394. Patrono C, Coller B, Dalen JE, FitzGerald GA, Fuster V, Gent M, Hirsh J, Roth G. Platelet-active drugs : the relationships among dose, effectiveness, and side effects. Chest. 2001 Jan;119(1 Suppl):39S-63S.
395. Willerson JT, Majesky MW, Fuster V. Russell Ross, PhD : Visionary Basic Scientist in Cardiovascular Medicine. Circ. 2001 Jan 30;103(4):478-479.
396. Fuster V, Willerson JT. Rene G. Favaloro, MD : The Passing of a Pioneer. Circ. 2001;103(4):480-481.
397. Gomberg-Maitland, M, Baran DA, Fuster V. Treatment of Congestive Heart Failure: Guidelines for the Primary Care Physician and the Heart Failure Specialist. Arch Intern Med. 2001 Feb 12;161(3):342-352.
398. Rauch U, Osende JI, Fuster V, Badimon JJ, Fayad Z, Chesebro JH. Thrombus formation on atherosclerotic plaques: pathogenesis and clinical consequences. Ann Intern Med. 2001;134(3):224-38.
399. Osende JI, Fuster V, Lev EI, Shimbo D, Rauch U, Marmur JD, Richard M, Varon D, Badimon JJ. Testing platelet activation with a shear-dependent platelet function test versus aggregation-based tests: relevance for monitoring long-term glycoprotein IIb/IIIa inhibition. Circ. 2001;103(11):1488-91.
400. Helft G, Worthley SG, Fuster V, Zaman AG, Schechter C, Osende JI, Rodriguez OJ, Fayad ZA, Fallon JT, Badimon JJ. Atherosclerotic aortic component quantification by noninvasive magnetic resonance imaging: an in vivo study in rabbits. J Am Coll Cardiol. 2001;37(4):1149-54.
401. Corti R, Osende JI, Fuster V, Fayad ZA, Fallon JT, Badimon JJ. Artery dissection and arterial thrombus aging: the role of noninvasive magnetic resonance imaging. Circ. 2001;103(19):2420-1.
402. Worthley SG, Osende JI, Helft G, Badimon JJ, Fuster V. Coronary artery disease: pathogenesis and acute coronary syndromes. Mt Sinai J Med. 2001;68(3):167-81.
403. Roque M, Reis ED, Cordon-Cardo C, Taubman MB, Fallon JT, Fuster V, Badimon JJ. Effect of

p27 deficiency and rapamycin on intimal hyperplasia: in vivo and in vitro studies using a p27 knockout mouse model. Lab Invest. 2001;81(6):895-903.

404. Hirsh J, Anand SS, Halperin JL, Fuster V. Guide to anticoagulant therapy: Heparin : a statement for healthcare professionals from the American Heart Association. Circ. 2001;103(24):2994-3018 and Arterioscler Thromb Vasc Biol. 2001;21(7):1094-6.
405. Alexander KP, Newby LK, Hellkamp AS, Harrington RA, Peterson ED, Kopecky S, Langer A, O'Gara P, O'Connor CM, Daly RN, Califf RM, Khan S, Fuster V. Initiation of hormone replacement therapy after acute myocardial infarction is associated with more cardiac events during follow-up. J Am Coll Cardiol. 2001;38(1):1-7.
406. Hirsh J, Anand SS, Halperin JL, Fuster V.Guide to anticoagulant therapy: heparin : a statement for healthcare professionals from the American Heart Association. Arterioscler Thromb Vasc Biol. 2001;21(7):E9-9.
407. Corti R, Fayad ZA, Fuster V, Worthley SG, Helft G, Chesebro J, Mercuri M, Badimon JJ. Effects of lipid-lowering by simvastatin on human atherosclerotic lesions: a longitudinal study by high-resolution, noninvasive magnetic resonance imaging. Circ.2001;104(3):249-52.
408. Fayad ZA, Fuster V. The human high-risk plaque and its detection by magnetic resonance imaging. Am J Cardiol.2001;88(2-A):42E-45E.

409. Fayad ZA, Fuster V. Clinical imaging of the high-risk or vulnerable atherosclerotic plaque. Circ Res. 2001 Aug 17;89(4):305-16.
410. O'Connor CM, Gattis WA, Hellkamp AS, Langer A, Larsen RL, Harrington RA, Berkowitz SD, O'Gara PT, Kopecky SL, Gheorghiade M, Daly R, Califf RM, Fuster V. Comparison of two aspirin doses on ischemic stroke in post-myocardial infarction patients in the warfarin (Coumadin) Aspirin Reinfarction Study (CARS). Am J Cardiol.2001 Sep 88(5):541-6.
411. Smith SC Jr., Blair SN, Bonow RO, Brass LM, Cerqueira MD, Dracup K, Fuster V, Gotto A, Grundy SM, Miller NH, Jacobs A, Jones D, Krauss RM, Mosca L, Ockene I, Pasternak RC, Pearson T, Pfeffer MA, Starke RD, Taubert K. AHA/ACC Scientific Statement: AHA/ACC guidelines for preventing heart attack and death in patients with atherosclerotic cardiovascular disease: 2001 update: A statement for healthcare professionals from the American Heart Association and the American College of Cardiology. Circ. 2001;104(13):1577-9.
412. Vorchheimer DA, Fuster V. Inflammatory markers in coronary artery disease: let prevention douse the flames. JAMA. 2001;286(17):2154-6.
413. Donahue M, Fuster V., Califf RM. Results of Expert Meetings: Obesity and Cardiovascular Disease. Introduction: Cardiologists should target obesity. Am Heart J. 2001;142(6):1088-90.
414. Rao SV, Donahue M, Pi-Sunyer FX, Fuster V. Results of Expert Meetings: Obesity and Cardiovascular Disease. Obesity as a risk factor in coronary artery disease. Am Heart J. 2001;142(6):1102-7.
415. Fuster V, Charlton P, Boyd A. Clinical protocol. A phase IIb, randomized, multicenter, double-blind study of the efficacy and safety of Trinam (EG004) in stenosis prevention at the graft-vein anastomosis site in dialysis patients. Hum Gene Ther. 2001;12(16):2025-7.
416. Fuster V, Ryden LE, Asinger RW, Cannom DS, Crijns HJ, Frye RL, Halperin, JL, Kay GN, Klein WW, Levy S, McNamara RL, Prystowsky EN, Wann LS, Wyse DG. ACC/AHA/ESC Guidelines for the Management of Patients With Atrial Fibrillation: Executive Summary A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines and the European Society of Cardiology Committee for Practice Guidelines and Policy Conferences (Committee to Develop Guidelines for the Management of Patients With Atrial Fibrillation) Developed in Collaboration With the North American Society of Pacing and Electrophysiology. Circ. 2001;104(17):2118-50.

417. Osende JL, Badimon JJ, Fuster V, Herson P, Rabito P, Vidhun R, Zaman A, Rodriguez OJ, Lev EI, Rauch U, Helft G, Fallon JT, Crandall JP. Blood thrombogenecity in type 2 diabetes mellitus patients is associated with glycemic control. J Am Coll Cardiol. 2001;38(5):1307-12.
418. Worthley SG, Helft G, Fayad ZA, Fuster V, Rodriguez OJ, Zaman AG, Badimon JJ. Cardiac gated breath-hold black blood MRI of the coronary artery wall: an in vivo and ex vivo comparison. Int J Card Imaging. 2001;17(3):195-201.
419. Corti R, Fuster V, Badimon JJ, Hutter R, Fayad ZA. New understanding of atherosclerosis (clinically and experimentally) with evolving MRI technology in vivo. Ann N Y Acad Sci;947:181-95; discussion 195-8.
420. Shimbo D, Child J, Davidson K, Geer E, Osende JI, Reddy S, Dronge A, Fuster V, Badimon JJ. Exaggerated serotonin-mediated platelet reactivity as a possible link in depression and acute coronary syndromes. Am J Cardiol. 2002;89(3):331-3.
421. Hunt SA, Baker DW, Chin MH, Cinquegrani MP, Feldman AM, Francis GS, GAniats TG, Goldstein S, Gregoratos G, Jessup ML, Noble RJ, Packer M, Silver MA, Stevenson LW, Gibbons RJ, Antman EM, Alpert JS, Faxon DP, Fuster V, Gregoratos G, Jacobs AK, Hiratzka LF, Russel RO, Smith SC. ACC/AHA guidelines for the evaluation and management of chronic heart failure in the adult: executive summary. J Heart Lung Transplant. 2002;21(2):189-203.
422. Corti R, Osende JI, Fayad ZA, Fallon JT, Fuster V,et.al. In vivo noninvasive detection and age definition of arterial thrombus by MRI. J Am Coll Cardiol. 2002;39(8):1366-73.
423. Fuster V. Applied cardiological research. Challenges for the new millennium. Rev Esp Cardiol. 2002;55(4):327-32. Spanish.
424. Redberg RF, Greenland P, Fuster V, et.al. Prevention ConferenceVI: Diabetes and Cardiovascular Disease: risk assessment in persons with diabetes. Circ. 2002;105(18):e144-52.
425. Choudhury RP, Aguinaldo JG, Rong JX, Kulak JL, Kulak AR, Reis ED, Fallon JT, Fuster V. Fisher EA, FAyad ZA. Atherosclerotic lesions in genetically modified mice quantified in vivo by non-invasive high-resolution magnetic resonance microscopy. Atherosclerosis. 2002;162(2):315-21.
426. Moreno, PR, Purushothaman KR, Fuster V, O'Connor WN. Intimomedial interface damage and adventitial inflammation is increased beneath disrupted atherosclerosis in the aorta: implications for plaque vulnerability. Circ.2002;105(21):2504-11.
427. Borreguero LJ, Corti R, de Soria RF, Osende JI, Fuster V, Badimon JJ. Images in cardiovascular medicine. Diagnosis of isolated noncompaction of the myocardium by magnetic resonance imaging. Circ. 2002;105(21):E177-8.
428. Halperin JL, Fuster V. Patent foramen ovale and recurrent stroke: another paradoxical twist. Circ. 2002 ;105(22):2580-2.
429. Fuster V, Rosenbluth A. Aortic valve disease etiology and the role of vascular pathology: is the face of the disease changing? Adv Cardiol. 2002;39:25-38.
430. Merz CN, Mensah GA, Fuster V, et.al. The role of cardiovascular specialists as leaders in prevention: from training to champion. 33rd Bethesda Conference. J Am Coll Cardiol. 2002;40(4):641-51.
431. Strain J, Karim A, Caliendo G, Alexis J, Sandlin Lowe R, Fuster V. Cardiac drug-psychotropic drug update small star, filled. Gen Hosp Psychiatry. 2002;24(5):283.
432. Corti R, Wyttenbach R, Alerci M, Badimon JJ, Fuster V, Gallino A. Images in cardiovascular medicine. Effect of percutaneous transluminal angioplasty on severely stenotic femoral lesions: in vivo demonstration by noninvasive magnetic resonance imaging. Circ. 2002;106(12):1570-1.
433. Fayad ZA, Fuster V, Nikolaou K, Becker C. Computed tomography and magnetic resonance imaging for noninvasive coronary angiography and plaque imaging: current and potential future concepts. Circ. 2002;106(15):2026-34.

434. Badimon JJ, Fuster V. Can we image the “active” thrombus? Arterioscler Thromb Vasc Biol. 2002;22(11):1753-4.
435. Shimbo D, Osende J, Chen J, Robbins J, Shimoto Y, Kunitada S, Fuster V, Badimon JJ. Antithrombotic Effects of DX-9065a, a Direct FactorXa Inhibitor. Thromb Haemost. 2002;88(5):733-8.
436. Corti R, Fuster V, et.al. Lipid Lowering By Simvastatin Induces Regression of Human Atherosclerotic Lesions: 2 Years Follow-Up By High-Resolution Noninvasive MRI. Circ. 2002;106:2884-87.
437. Fayad ZA, Fuster V .Atherothrombotic plaques and the need for imaging. Neuroimaging Clin N Am. 2002;12(3):351-64.
438. Doshi SN, Kim MC, Sharma SK, Fuster V. Images in cardiovascular medicine. Right and left ventricular outflow tract obstruction in hypertrophic cardiomyopathy.Circ. 2002;106(2):e3-4.
439. Choudhury RP, Fuster V, et.al. MRI and characterization of atherosclerotic plaque: emerging applications and molecular imaging. Arterioscler Thromb Vasc Biol. 2002;22(7):1065-74.
440. Vorchheimer DA, Fuster V. Thrombin inhibitors in acute coronary artery disease. Eur Heart J. 2002;23(15):1142-4.
441. Fuster V, Corti R, Badimon JJ. The Mikamo Lecture 2002. Therapeutic targets for the treatment of atherothrombosis in the new millennium clinical frontiers in atherosclerosis research. Circ J. 2002;66(9):783-9
442. Poon M, Badimon JJ, Fuster V. Overcoming restenosis with sirolimus: from alphabet soup to clinical reality. Lancet. 2002;359(9306):619-22.
443. Worthley SG, Helft G, Fuster V, et.al.A novel nonobstructive intravascular MRI coil: in vivo imaging of experimental atherosclerosis. Arterioscler Thromb Vasc Biol. 2003;23(2):346-50.
444. Rastegar R, Harnick DJ, Weidemann P, Fuster V, et.al. ME.Spontaneous echo contrast videodensity is flow-related and is dependent on the relative concentrations of fibrinogen and red blood cells. J Am Coll Cardiol. 2003;41(4):603-10.
445. Sambola A, Osende J, Hathcock J, Degen M, Nemerson Y, Fuster V, Crandall J, Badimon JJ. Role of risk factors in the modulation of tissue factor activity and blood thrombogenecity. Circulation. 2003;107(7):973-7.
446. Chesebro JH, Fuster V, Pugo FJ. Aspirin and mortality from coronary bypass surgery. N Engl J Med. 2003 ;348(11):1057-9.
447. Corti R, Fuster V, Badimon JJ. Pathogenetic concepts of acute coronary syndromes. J Am Coll Cardiol. 2003 ;41(4 Suppl S):7S-14S.
448. Hutter R, Sauter BV, Reis ED, Roque M, Vorchheimer D, Carrick FE, Fallon JT, Fuster V, Badimon JJ. Decreased reendothelialization and increased neointima formation with endostatin overexpression in a mouse model of arterial injury. Circulation. 2003;107(12):1658-63.
449. Hirsh J, Fuster V, Ansell J, Halperin JL; American Heart Association; American College of Cardiology Foundation. American Heart Association/American College of Cardiology Foundation guide to warfarin therapy. Circulation. 2003;107(12):1692-711 and J Am Coll Cardiol. 2003;41(9):1633-52.
450. Halperin JL, Fuster V. Meeting the challenge of peripheral arterial disease. Arch Intern Med. 2003;163(8):877-8.
451. Jneid H, Bhatt DL, Corti R, Badimon JJ, Fuster V, Francis GS. Aspirin and clopidogrel in acute coronary syndromes: therapeutic insights from the CURE study. Arch Intern Med. 2003;163(10):1145-53.
452. Gomberg-Maitland M, Fuster V, Fayad ZA, Badimon JJ, Corti R. Statins and plaque stability. J Cardiovasc Risk. 2003;10(3):161-7.
453. MacNeill BD, Lowe HC, Takano M, Fuster V, Jang IK.Intravascular modalities for detection of

vulnerable plaque: current status. Arterioscler Thromb Vasc Biol. 2003;23(8):1333-42.

454. Viles-Gonzalez JF, Fuster V, Corti R, Badimon JJ. Emerging importance of HDL cholesterol in developing high-risk coronary plaques in acute coronary syndromes. Curr Opin Cardiol. 2003;18(4):286-94.

455. Bayes de Luna A, Tse TF, de Figueiredo MB, Maranhao M, Voute J, Nishtar S, Fuster V, Poole-Wilson P; World Heart Federation.World Heart Day: a World Heart Federation enterprise promoting the prevention of heart disease and stroke across the world. Circulation. 2003;108(9):1038-40.

456. Bauriedel G, Jabs A, Skowasch D, Hutter R, Badimon JJ, Fuster V, Welsch U, Luderitz B. Dendritic cells in neointima formation after rat carotid balloon injury: coordinated expression withanti-apoptotic Bcl-2 and HSP47 in arterial repair. J Am Coll Cardiol. 2003 ;42(5):930-8.

457. Purushothaman KR, Fuster V, et.al. Neovascularization is the most powerful independent predictor for progression to disruption in high-risk atherosclerotic plaques. J Am Coll Cardiol. 2003; 41;352-3.

458. Corti R, Fuster V. New understanding, diagnosis, and prognosis of atherothrombosis and the role of imaging. Am J Cardiol. 2003;91(3A):17A-26A.

459. Fuster V, Corti R, Fayad ZA, Schwitter J, Badimon JJ. Integration of vascular biology and magnetic resonance imaging in the understanding of atherothrombosis and acute coronary syndromes. J Thromb Haemost. 2003;1(7):1410-21.

460. Fayad ZA, Choudhury RP, Fuster V. Magnetic resonance imaging of coronary atherosclerosis. Curr Atheroscler Rep. 2003;5(5):411-7.

461. Olin JW, Fuster V. Acute aortic dissection: the need for rapid, accurate, and readily available diagnostic strategies. Arterioscler Thromb Vasc Biol. 2003: 23 (10): 1721-3.

462. Maseri A, Fuster V. Is there a vulnerable plaque? Circulation. 2003;107(16):2068-71.

463. Moreno P, Purushothaman K, Fuster V, et.al. Plaque Neovascularization is increased in ruptured atherosclerotic lesions of the human aorta: Implications for plaque vulnerability. Circulation. 2004 110(14):2032-8.

464. Hutter, R, Valdiviezo C, Bernhard V, Sauter, Savaontaus, Chereshnev I, Carrick F, Bauriedel G, Luderitz B, Fallon J, Fuster V, Badimon J, Caspase-3 and tissue-factor expression in lipid-rich plaque macrophages: Evidence for apoptosis as link between inflammation and atherothrombosis. Circulation. 2004 109(16); 2001-8.

465. Corti R, Osende J, Fallon J, Fuster V, et.al. The selective peroxisoml proliferator-activated receptor-gamma agonist has an additive effect on plaque regression in combination with Simvastatin in experimental atherosclerosis. J Am Coll Cardiol. 2004 43(3); 464-73

466. Osende, J, Shimbo D, Fuster V, et.al. Antithrombotic effects of S 18886, a novel orally-active thromboxane A_2 Receptor Antagonist, J Thrombosis Haemost 2004 Mar;2(3):492-8.

467. Sirol M, Itskovich V, Mani V, Aguinaldo J, Fallon J, Misselwitz B, Weinmann H, Fuster V, et.al. Lipid-rich atherosclerotic plaques detected by gadofluorine-enhanced in vivo magnetic resonance imaging. Circulation 2004 Jun 15;109(23):2890-6.

468. Viles-Gonzalez J, Anand SX, Valdiviezo C, Zafar MU, Hutter R, Sanz J, Ruis T, Poon M, Fuster V, Badimon JJ. Update in atherothrombosis disease. Mt. Sinai J Med. 2004, 71(3); 197-208.

469. Faxon D, Fuster V, et.al. Atherosclerotic vascular disease conference: Writing Group III: pathophysiology. Circulation. 2004 109(21);2617-25.

470. Schaar J, Muller J, Falk E, Virmani R, Fuster V, et al. Terminology for high-risk and vulnerable coronary artery plaques. Eur Heart J. 2004 25(12); 1077-82.

471. Hutter R, Carrick FE, Valdiviezo C, Wolinsky C, Rudge JS, Wiegand SJ, Fuster V, et al. Vascular endothelial growth factor regulates reendothelialization and neointima formation in a

mouse model of arterial injury. Circulation 2004 110(16): 2430-5.

472. Viles-Gonzalez JF, Poon M, Sanz J, Rius T, Nikolaou K, Fayad ZA, Fuster V, Badimon JJ. In vivo 16-slice, multidetector-row computed tomography for the assessment of experimental atherosclerosis: comparison with magnetic resonance imaging and histopathology. Circulation 2004 110(11): 1467-72.
473. Jacobs AK, Lindsay BD, Bellande BJ, Fonarow GC, Nishimura RA, Shah PM, Annex BH, Fuster V, et al. Task force 3: Disclosure of relationships with commercial interests: policy for education activities and publications. J Am Coll Cardiol 2004 44(8): 1736-40.
474. Viles-Gonzalez JF, Choi BG, Fuster V, Badimon JJ. Peroxisome proliferator-activated receptor ligands in atherosclerosis. Expert Opin Investig Drugs 2004 13(11): 1393-403.
475. Fuster V. Oral Antithrombins and the future of antithrombotic therapy. Rev Esp Cardiol 2004 57(Supl. 1): 2-8.
476. Choudhury RP, Fuster V, Fayad ZA. Molecular, cellular and functional imaging of atherothrombosis. Nat Rev Drug Disc 2004 3(11): 913-25.
477. Danik S, Fuster V. Anticoagulation in pregnant women with prosthetic heart valves. Mt. Sinai J Med 2004 71(5):322-9.
478. Sanz J, Rius T, Kuschnir P, Macaluso F, Fuster V, Poon M. Images in cardiovascular medicine. Double-chambered left ventricle: complete characterization by cardiac magnetic resonance and multidetector-row computed tomography. Circulation 2004 110(20): e502-3.
479. Corti R, Fuster V. Should standard medical therapy for angina include a statin? Clin Cardiol 2004 27(10): 547-51.
480. Viles-Gonzalez JF, Gaztanaga J, Zafar UM, Fuster V, Badimon JJ. Clinical and experimental experience with factor Xa inhibitors. Am J Cardiovasc Drugs 2004 4(6):379-84.
481. Dayal R, Mousa A, Bernheim J, Hollenbeck S, Henderson P, Prince M, Gordon R, Badimon J, Fuster V, et al. Characterization of retrograde collateral (type II) endoleak using a new canine model. J Vasc Surg 2004 40(5): 985-94.
482. Moreno PR, Fuster V. The year in atherothrombosis. J Am Coll Cardiol. 2004 44(11): 2099-110.
483. Moreno PR, Fuster V. New aspects in the pathogenesis of diabetic atherothrombosis. J Am Coll Cardiol. 2004 44(12): 2293-300.
484. Viles-Gonzalez JF, Fuster V, Badimon JJ. Thrombin/inflammation paradigms: a closer look at arterial and venous thrombosis. Am Heart J 2005 149(1 Supl): S19-31.
485. Shimbo D, Davidson KW, Haas DC, Fuster V, Badimon JJ. Negative impact of depression on outcomes in patients with coronary artery disease: mechanisms, treatment considerations, and future directions. J Thromb Haemost. 2005. May;3(5):897-908.
486. Sulica R, Dinh HV, Dunsky K, Fuster V, Poon M. The acute hemodynamic effect of IV nitroglycerin and dipyridamole in patients with pulmonary arterial hypertension: comparison with IV epoprostenol. Congest Heart Fail. 2005 May-Jun;11(3):139-44.
487. Corti R, Fuster V, et al. Effects of aggressive versus conventional lipid-lowering therapy by simvastatin on human atherosclerotic lesions: a prospective, randomized, double-blind trial with high-resolution magnetic resonance imaging. J Am Coll Cardiol. 2005 Jul 5;46(1):106-12.
488. Fuster V, Kim RJ. Frontiers in cardiovascular magnetic resonance. Circulation. 2005 Jul 5;112(1):135-44.
489. Couturier G, Voustaniouk A, Weiberger J, Fuster V. Correlation between coronary artery disease and aortic arch plaque thickness measured by non-invasive B-mode ultrasonography. Atherosclerosis. 2005 Jul 13
490. Rhee JY, Trocciola SM, Dayal R, Lin S, Chaer R, Kumar N, Mousa A, Bernheim J, Christos P, Prince M, Marin ML, Gordon R, Badimon J, Fuster V, Kent KC, Faries PL. Treatment of type II

endoleaks with a novel polyurethane thrombogenic foam: induction of endoleak thrombosis and elimination of intra-aneurysmal pressure in the canine model. J Vasc Surg. 2005 Aug;42(2):321-8.

491. Brandoa AP, Brandoa AA, Berenson GS, Fuster V. Metabolic syndrome in children and adolescents. Arq Bras Cardiol. 2005 Aug;85(2):79-81.
492. Sirol M, Aguinaldo JG, Graham PB, Weisskoff R, Lauffer R, Mizsei G, Chereshnev I, Fallon JT, Reis E, Fuster V, et al. Fibrin-targeted contrast agent for improvement of in vivo acute thrombus detection with magnetic resonance imaging. Atherosclerosis. 2005 Sep;182(1):79-85.
493. Gehi A, Haas D, Fuster V. Primary prophylaxis with the implantable cardioverter-defibrillator: the need for improved risk stratification. JAMA. 2005 Aug 24;294(8):958-60.
494. Sirol M, Fuster V et al. Chronic thrombus detection with in vivo magnetic resonance imaging and a fibrin-targeted contrast agent. Circulation. 2005 Sep 13;112(11):1594-600.
495. Fuster V, Moreno P, Fayad Z, Corti R, Badimon JJ. Atherothrombosis and High-Risk Plaque: Part I: Evolving Concepts J Am Coll Cardiol. 2005 Sept 20;46(6): 937-954.
496. Fuster V, Fayad ZA, Moreno PR, Poon M, Corti R, Badimon JJ. Atherothrombosis and high-risk plaque: Part II: approaches by noninvasive computed tomographic/magnetic resonance imaging. J Am Coll Cardiol. 2005 Oct 4;46(7):1209-18.
497. Fuster V, Voûte J. MDGs: chronic diseases are not on the agenda. Lancet. 2005 Oct 29-Nov 4;366(9496):1512-4.
498. Fuster V. Cardiovascular disease in the elderly: a challenge for science and clinical care. Nat Clin Pract Cardiovasc Med. 2005 Nov;2(11):549.
499. Sun Q, Wang A, Jin X, Natanzon A, Duquaine D, Brook RD, Aguinaldo JG, Fayad ZA, Fuster V, Lippmann M, Chen LC, Rajagopalan S. Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model. JAMA. 2005 Dec 21;294(23):3003-10.
500. Trocciola SM, Dayal R, Chaer RA, Lin SC, DeRubertis B, Ryer EJ, Hynecek RL, Pierce MJ, Prince M, Badimon J, Marin ML, Fuster V, Kent KC, Faries PL. The development of endotension is associated with increased transmission of pressure and serous components in porous expanded polytetrafluoroethylene stent-grafts: characterization using a canine model. J Vasc Surg. 2006 Jan;43(1):109-16.
501. Smith SC Jr, Feldman TE, Hirshfeld JW Jr, Jacobs AK, Kern MJ, King SB 3rd, Morrison DA, O'Neill WW, Schaff HV, Whitlow PL, Williams DO, Antman EM, Adams CD, Anderson JL, Faxon DP, Fuster V, et al. ACC/AHA/SCAI 2005 Guideline Update for Percutaneous Coronary Intervention--summary article. Circulation. 2006 Jan 3;113(1):156-75.
502. Fuster V. Novel cardiovascular biomarkers and implications for clinical trials. Nat Clin Pract Cardiovasc Med. 2006 Feb;3(2):57.
503. Winslow RD, Pinney S, Fuster V. Impact of implantable-cardioverter-defibrillator trials on clinical management of patients with heart failure. Nat Clin Pract Cardiovasc Med. 2006 Feb;3(2):86-93.
504. Fayad ZA, Amirbekian V, Toussaint JF, Fuster V. Identification of interleukin-2 for imaging atherosclerotic inflammation. Eur J Nucl Med Mol Imaging. 2006 Feb;33(2):111-6.
505. Beller GA, Bonow RO, Fuster V. ACCF 2006 Update for Training in Adult Cardiovascular Medicine (Focused Update of the 2002 COCATS 2 Training Statement): A Report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence and Training. Introduction. J Am Coll Cardiol. 2006 Feb 21;47(4):894-7.
506. Smith SC Jr, Feldman TE, Hirshfeld JW Jr, Jacobs AK, Kern MJ, King SB 3rd, Morrison DA, O'Neil WW, Schaff HV, Whitlow PL, Williams DO, Antman EM, Adams CD, Anderson JL,

Faxon DP, Fuster V, et al. ACC/AHA/SCAI 2005 guideline update for percutaneous coronary intervention: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (ACC/AHA/SCAI Writing Committee to Update 2001 Guidelines for Percutaneous Coronary Intervention). Circulation. 2006 Feb 21;113(7):e166-286.

507. Fuster V, Sanz J, Viles-Gonzalez JF, Rajagopalan S. The utility of magnetic resonance imaging in cardiac tissue regeneration trials. Nat Clin Pract Cardiovasc Med. 2006 Mar;3 Suppl 1:S2-7.

508. Couturier G, Voustaniouk A, Weinberger J, Fuster V. Correlation between coronary artery disease and aortic arch plaque thickness measured by non-invasive B-mode ultrasonography. Atherosclerosis. 2006 Mar;185(1):159-64.

509. Hirsch AT, Haskal ZJ, Hertzer NR, Bakal CW, Creager MA, Halperin JL, Hiratzka LF, Murphy WR, Olin JW, Puschett JB, Rosenfield KA, Sacks D, Stanley JC, Taylor LM Jr, White CJ, White J, White RA, Antman EM, Smith SC Jr, Adams CD, Anderson JL, Faxon DP, Fuster V, et al. ACC/AHA 2005 Practice Guidelines for the management of patients with peripheral arterial disease (lower extremity, renal, mesenteric, and abdominal aortic. Circulation. 2006 Mar 21;113(11):e463-654.

510. Fuster V. The several faces of clinical trials: from new therapies to failed preventive strategies. Nat Clin Pract Cardiovasc Med. 2006 Apr;3(4):173.

511. Corti R, Osende J, Hutter R, Viles-Gonzalez JF, Zafar U, Valdivieso C, Mizsei G, Fallon JT, Fuster V, Badimon JJ. Fenofibrate induces plaque regression in hypercholesterolemic atherosclerotic rabbits: In vivo demonstration by high-resolution MRI. Atherosclerosis. 2006 Apr 4.

512. Gibbons RJ, Fuster V. Therapy for patients with acute coronary syndromes--new opportunities. N Engl J Med. 2006 Apr 6;354(14):1524-7.

513. Moreno PR, Purushothaman KR, Sirol M, Levy AP, Fuster V. Neovascularization in human atherosclerosis. Circulation. 2006 May 9;113(18):2245-52.

514. Zhang Z, Machac J, Helft G, Worthley SG, Tang C, Zaman AG, Rodriguez OJ, Buchsbaum MS, Fuster V, Badimon JJ. Non-invasive imaging of atherosclerotic plaque macrophage in a rabbit model with F-18 FDG PET: a histopathological correlation. BMC Nucl Med. 2006 May 25;6:3.

515. Fleisher LA, Beckman JA, Brown KA, Calkins H, Chaikof E, Fleischmann KE, Freeman WK, Froehlich JB, Kasper EK, Kersten JR, Riegel B, Robb JF, Smith SC Jr, Jacobs AK, Adams CD, Anderson JL, Antman EM, Faxon DP, Fuster V, et. al ACC/AHA 2006 guideline update on perioperative cardiovascular evaluation for noncardiac surgery: focused update on perioperative beta-blocker therapy. Circulation. 2006 Jun 6;113(22):2662-74.

516. Sanz J, Weeks D, Nikolaou K, Sirol M, Rius T, Rajagopalan S, Dellegrottaglie S, Strobeck J, Fuster V, Poon M. Detection of healed myocardial infarction with multidetector-row computed tomography and comparison with cardiac magnetic resonance delayed hyperenhancement. Am J Cardiol. 2006 Jul 15;98(2):149-55.

517. Bonow RO, Carabello BA, Kanu C, de Leon AC Jr, Faxon DP, Freed MD, Gaasch WH, Lytle BW, Nishimura RA, O'Gara PT, O'Rourke RA, Otto CM, Shah PM, Shanewise JS, Smith SC Jr, Jacobs AK, Adams CD, Anderson JL, Antman EM, Faxon DP, Fuster V, et al. ACC/AHA 2006 guidelines for the management of patients with valvular heart disease. Circulation. 2006 Aug 1;114(5):e84-231.

518. Fuster V. Cardiovascular disease and the UN millennium development goals: a serious concern. Nat Clin Pract Cardiovasc Med. 2006 Aug;3(8):401.

519. Viles-Gonzalez JF, Fuster V, Badimon JJ. Links between inflammation and thrombogenicity in atherosclerosis. Curr Mol Med. 2006 Aug;6(5):489-99.

520. Meerarani P, Badimon JJ, Zias E, Fuster V, Moreno PR. Metabolic syndrome and diabetic atherothrombosis: implications in vascular complications. Curr Mol Med. 2006 Aug;6(5):501-

14.

521. Sanz J, Dellegrottaglie S, Fuster V, Rajagopalan S. Calcium scoring and contrast-enhanced CT angiography. Curr Mol Med. 2006 Aug;6(5):525-39.
522. Sirol M, Fuster V, Fayad ZA. Plaque imaging and characterization using magnetic resonance imaging: towards molecular assessment. Curr Mol Med. 2006 Aug;6(5):541-8.
523. Purushothaman KR, Sanz J, Zias E, Fuster V, Moreno PR. Atherosclerosis neovascularization and imaging. Curr Mol Med. 2006 Aug;6(5):549-56.
524. Moreno PR, Sanz J, Fuster V. Atherosclerosis. Curr Mol Med. 2006 Aug;6(5):437-8
525. Fuster V, Rydén LE, Cannom DS, et al. ACC/AHA/ESC 2006 Guidelines for the Management of Patients with Atrial Fibrillation. Circulation. 2006 Aug 15;114(7):e257-354.
526. Fuster V, Ryden LE, Cannom DS, Crijns HJ, Curtis AB, Ellenbogen KA, Halperin JL, Le Heuzey JY, Kay GN, Lowe JE, Olsson SB, Prystowsky EN, Tamargo JL, Wann S; Guidelines for the Management of Patients with Atrial Fibrillation. Eur Heart J. 2006 Aug;27(16):1979-2030
527. Lipinski MJ, Amirbekian V, Frias JC, Aguinaldo JG, Mani V, Briley-Saebo KC, Fuster V, Fallon JT, Fisher EA, Fayad ZA. MRI to detect atherosclerosis with gadolinium-containing immunomicelles targeting the macrophage scavenger receptor.
Magn Reson Med. 2006 Sep;56(3):601-10.
528. Smith S, Voute J, Fuster V. Principles for national and regional guidelines on cardiovascular disease prevention. Nat Clin Pract Cardiovasc Med. 2006 Sep;3(9):461.
529. Danik S, Fuster V. The obstetrical patient with a prosthetic heart valve. Obstet Gynecol Clin North Am. 2006 Sep;33(3):481-91
530. Pucci A, Sheiban I, Formato L, Celeste A, Brscic E, Moretti C, De Bernardi A, Alberti A, Bergamasco L, Trevi G, Fuster V. In vivo coronary plaque histology in patients with stable and acute coronary syndromes Relationships with hyperlipidemic status and statin treatment. Atherosclerosis. 2006 Sep 11.
531. Fuster V. Inoperable valve disease: should percutaneous valve replacement be an option? Rev Esp Cardiol. 2006 Nov;59 Suppl 3:2-9.
532. Spektor G, Gehi AK, Love B, Sharma SK, Fuster V. A case of symptomatic coronary artery fistula. Nat Clin Pract Cardiovasc Med. 2006 Dec;3(12):689-92.
533. Nadal-Ginard B, Fuster V. Myocardial cell therapy at the crossroads. Nat Clin Pract Cardiovasc Med. 2007 Jan;4(1):1.
534. Vilahur G, Choi BG, Zafar MU, Viles-Gonzalez JF, Vorchheimer DA, Fuster V, Badimon JJ. Normalization of platelet reactivity in clopidogrel-treated subjects. J Thromb Haemost. 2007 Jan;5(1):82-90.
535. Choi BG, Novoselsky CA, Vilahur G, Viles-Gonzalez JF, Zafar MU, Ibanez B, Fuster V, Badimon JJ. Validation study of a semi-automated program for quantification of atherosclerotic burden. J Cardiovasc Magn Reson. 2007;9(3):615-20.
536. Corti R, Osende J, Hutter R, Viles-Gonzalez JF, Zafar U, Valdivieso C, Mizsei G, Fallon JT, Fuster V, Badimon JJ. Fenofibrate induces plaque regression in hypercholesterolemic atherosclerotic rabbits: in vivo demonstration by high-resolution MRI. Atherosclerosis. 2007 Jan;190(1):106-13.
537. Levy AP, Levy JE, Kalet-Litman S, Miller-Lotan R, Levy NS, Asaf R, Guetta J, Yang C, Purushothaman KR, Fuster V, Moreno PR. Haptoglobin genotype is a determinant of iron, lipid peroxidation, and macrophage accumulation in the atherosclerotic plaque. Arterioscler Thromb Vasc Biol. 2007 Jan;27(1):134-40.
538. Fuster V, Sanz J. Gene therapy and stem cell therapy for cardiovascular diseases today: a model for translational research. Nat Clin Pract Cardiovasc Med. 2007 Feb;4 Suppl 1:S1-8.

539. Sanz J, Moreno PR, Fuster V. Update on advances in atherothrombosis. Nat Clin Pract Cardiovasc Med. 2007 Feb;4(2):78-89.
540. Bansilal S, Farkouh ME, Fuster V. Role of insulin resistance and hyperglycemia in the development of atherosclerosis. Am J Cardiol. 2007 Feb 19;99(4A):6B-14B.
541. Zafar MU, Farkouh ME, Osende J, Shimbo D, Palencia S, Crook J, Leadley R, Fuster V, Chesebro JH. Potent arterial antithrombotic effect of direct factor-Xa inhibition with ZK-807834 administered to coronary artery disease patients. Thromb Haemost. 2007 Mar;97(3):487-92.
542. Fuster V, Voûte J. Expanding the cardiovascular mandate: from treatment to the protection of health. Nat Clin Pract Cardiovasc Med. 2007 Mar;4(3):117.
543. Escaned J, Rydén L, Zamorano JL, Poole-Wilson P, Fuster V, Gitt A, Fernández-Avilés F, Scholte Op Reimer W, de Teresa E, Alonso-Pulpón L, Tendera M; on behalf of the participants in the European Conference on the Future of Cardiology. Trends and contexts in European cardiology practice for the next 15 years: the Madrid Declaration: a report from the European Conference on the Future of Cardiology, Madrid, 2-3 June 2006. Eur Heart J. 2007 Mar;28(5):634-7.
544. Sanz J, Kuschnir P, Rius T, Salguero R, Sulica R, Einstein AJ, Dellegrottaglie S, Fuster V, Rajagopalan S, Poon M. Pulmonary arterial hypertension: noninvasive detection with phase-contrast MR imaging. Radiology. 2007 Apr;243(1):70-9.
545. Dellegrottaglie S, Sanz J, Poon M, Viles-Gonzalez JF, Sulica R, Goyenechea M, Macaluso F, Fuster V, Rajagopalan S. Pulmonary hypertension: accuracy of detection with left ventricular septal-to-free wall curvature ratio measured at cardiac MR. Radiology. 2007 Apr;243(1):63-9.
546. Fuster V, Sanz G. A polypill for secondary prevention: time to move from intellectual debate to action. Nat Clin Pract Cardiovasc Med. 2007 Apr;4(4):173.
547. Lipinski MJ, Abbate A, Fuster V, Vetrovec GW. Drug insight: statins for nonischemic heart failure--evidence and potential mechanisms. Nat Clin Pract Cardiovasc Med. 2007 Apr;4(4):196-205.
548. Sanz J, Moreno PR, Fuster V. The year in atherothrombosis. J Am Coll Cardiol. 2007 Apr 24;49(16):1740-9.
549. Hyafil F, Cornily JC, Feig JE, Gordon R, Vucic E, Amirbekian V, Fisher EA, Fuster V, Feldman LJ, Fayad ZA. Noninvasive detection of macrophages using a nanoparticulate contrast agent for computed tomography. Nat Med. 2007 May;13(5):636-41.
550. Dellegrottaglie S, Einstein AJ, Sanz J, Zucker MJ, Fuster V, Rajagopalan S. Magnetic resonance imaging of a bioprosthetic mitral valve: a smiling heart. J Cardiovasc Med (Hagerstown). 2007 May;8(5):394-5.
551. Fuster V. Centres of excellence: a Spanish cardiovascular research initiative. Interview by Jennifer Taylor. Circulation. 2007 May 29;115(21):f104-6.
552. Rudd JH, Fayad ZA, Machac J, Weissberg PL, Davies JR, Warburton EA, Tawakol AA, Strauss HW, Fuster V. Atherosclerosis. 2007 Jun;192(2):453-4.
553. Farkouh ME, Greenberg JD, Jeger RV, Ramanathan K, Verheugt FW, Chesebro JH, Kirshner H, Hochman JS, Lay CL, Ruland S, Mellein B, Matchaba PT, Fuster V, Abramson SB. Cardiovascular outcomes in high risk patients with osteoarthritis treated with ibuprofen, naproxen or lumiracoxib. Ann Rheum Dis. 2007 Jun;66(6):764-70.
554. Ibanez B, Prat-González S, Speidl WS, Vilahur G, Pinero A, Cimmino G, García MJ, Fuster V, Sanz J, Badimon JJ. Early metoprolol administration before coronary reperfusion results in increased myocardial salvage: analysis of ischemic myocardium at risk using cardiac magnetic resonance. Circulation. 2007 Jun 12;115(23):2909-16.
555. Farkouh ME, Bansilal S, Fuster V. Risk profiling patients for selective use of drug-eluting stents

is warranted. Nat Clin Pract Cardiovasc Med. 2007 Jul;4(7):346-7

556. Voûte J, Fuster V. Can adults at high-risk of cardiovascular disease be identified by screening their children for risk factors? Nat Clin Pract Cardiovasc Med. 2007 Jul;4(7):360-1.
557. Fuster V, Farkouh ME. Faster publication isn't always better. Nat Clin Pract Cardiovasc Med. 2007 Jul;4(7):345.
558. Levy AP, Purushothaman KR, Levy NS, Purushothaman M, Strauss M, Asleh R, Marsh S, Cohen O, Moestrup SK, Moller HJ, Zias EA, Benhayon D, Fuster V, Moreno PR. Downregulation of the hemoglobin scavenger receptor in individuals with diabetes and the Hp 2-2 genotype: implications for the response to intraplaque hemorrhage and plaque vulnerability. Circ Res. 2007 Jul 6;101(1):106-10.
559. Wyttenbach R, Corti R, Alerci M, Cozzi L, Di Valentino M, Segatto JM, Badimon JJ, Fuster V, Gallino A. Effects of percutaneous transluminal angioplasty and endovascular brachytherapy on vascular remodeling of human femoropopliteal artery: 2 years follow-up by noninvasive magnetic resonance imaging. Eur J Vasc Endovasc Surg. 2007 Aug 2.
560. Sanz J, Dellegrottaglie S, Kariisa M, Sulica R, Poon M, O'Donnell TP, Mehta D, Fuster V, Rajagopalan S. Prevalence and correlates of septal delayed contrast enhancement in patients with pulmonary hypertension.Am J Cardiol. 2007 Aug 15;100(4):731-5.
561. Rudd JH, Myers KS, Bansilal S, Machac J, Rafique A, Farkouh M, Fuster V, Fayad ZA. Fluorodeoxyglucose positron emission tomography imaging of atherosclerotic plaque inflammation is highly reproducible: implications for atherosclerosis therapy trials. J Am Coll Cardiol. 2007 Aug 28;50(9):892-6.
562. Pucci A, Sheiban I, Formato L, Celeste A, Brscic E, Moretti C, De Bernardi A, Alberti A, Bergamasco L, Trevi G, Fuster V. In vivo coronary plaque histology in patients with stable and acute coronary syndromes Relationships with hyperlipidemic status and statin treatment. Atherosclerosis. 2007 Sep;194(1):189-95.
563. Fuster V. A new perspective on nonprescription statins: an opportunity for patient education and involvement. Am J Cardiol. 2007 Sep 1;100(5):907-10.
564. Goldbarg S, Elmariah S, Miller M, Fuster V. Insights into degenerative aortic valve disease. J Am Coll Cardiol. 2007 Sep 25;50(13):1205-13.
565. Ferro D, Loffredo L, Polimeni L, Fimognari F, Villari P, Pignatelli P, Fuster V, Violi F. Soluble CD40 Ligand Predicts Ischemic Stroke and Myocardial Infarction in Patients With Nonvalvular Atrial Fibrillation. Arterioscler Thromb Vasc Biol. 2007 Sep 27.
566. Fuster V, Voute J, Hunn M, Smith SC. Cardiovascular and chronic diseases' low priority on the global health agenda – A cause for concern. Circulation 2007; 116:1966-1970.
567. Zafar MU, Vorchheimer DA, Gaztanaga J, Velez M, Yadegar D, Moreno PR, Kunitada S, Pagan J, Fuster V, Badimon JJ. Antithrombotic effects of factor Xa inhibition with DU-176b: Phase-I study of an oral, direct factor Xa inhibitor using an ex-vivo flow chamber. Thromb Haemost. 2007 Oct;98(4):883-8.
568. O'Rourke RA, Fuster V. Sophisticated technology is not a substitute for cognitive cardiology. Nat Clin Pract Cardiovasc Med. 2007 Oct;4(10):519.
569. Wyttenbach R, Corti R, Alerci M, Cozzi L, Di Valentino M, Segatto JM, Badimon JJ, Fuster V, Gallino A. Effects of percutaneous transluminal angioplasty and endovascular brachytherapy on vascular remodeling of human femoropopliteal artery: 2 years follow-up by noninvasive magnetic resonance imaging. Eur J Vasc Endovasc Surg. 2007 Oct;34(4):416-23.
570. Fleisher LA, Beckman JA, Brown KA, Calkins H, Chaikof E, Fleischmann KE, Freeman WK, Froehlich JB, Kasper EK, Kersten JR, Riegel B, Robb JF, Smith SC Jr, Jacobs AK, Adams CD, Anderson JL, Antman EM, Buller CE, Creager MA, Ettinger SM, Faxon DP, Fuster V, et al. ACC/AHA 2007 guidelines on perioperative cardiovascular evaluation and care for noncardiac

surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to Revise the 2002 Guidelines on Perioperative Cardiovascular Evaluation for Noncardiac Surgery) developed in collaboration with the American Society of Echocardiography, American Society of Nuclear Cardiology, Heart Rhythm Society, Society of Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Interventions, Society for Vascular Medicine and Biology, and Society for Vascular Surgery. J Am Coll Cardiol. 2007 Oct 23;50(17):1707-1732.

571. Farkouh ME, Fuster V Meta-analysis of small trials: proceed with caution. Nat Clin Pract Cardiovasc Med. 2007 Dec;4(12):635.
572. Miller MA, Gomes JA, Fuster V. Risk stratification of sudden cardiac death in hypertrophic cardiomyopathy. Nat Clin Pract Cardiovasc Med. 2007 Dec;4(12):667-76.
573. Ferro D, Loffredo L, Polimeni L, Fimognari F, Villari P, Pignatelli P, Fuster V, Violi F. Soluble CD40 ligand predicts ischemic stroke and myocardial infarction in patients with nonvalvular atrial fibrillation. Arterioscler Thromb Vasc Biol. 2007 Dec;27(12):2763-8.
574. Sanz G, Fuster V. [The Spanish National Cardiovascular Research Center: a new phase] Rev Esp Cardiol. 2008 Jan;61(1):1-5.
575. Elmariah S, Smith SC Jr, Fuster V. Late medical versus interventional therapy for stable ST-segment elevation myocardial infarction. Nat Clin Pract Cardiovasc Med. 2008 Jan;5(1):42-52.
576. Beller GA, Bonow RO, Fuster V; American College of Cardiology Foundation; American Heart Association; American College of Physicians Task Force on Clinical Competence and Training. ACCF 2008 Recommendations for Training in Adult Cardiovascular Medicine Core Cardiology Training (COCATS 3) (revision of the 2002 COCATS Training Statement). J Am Coll Cardiol. 2008 Jan 22;51(3):335-8.
577. Farkouh ME, Dangas G, Leon MB, Smith C, Nesto R, Buse JB, Cohen DJ, Mahoney E, Sleeper L, King S 3rd, Domanski M, McKinlay S, Fuster V. Design of the Future REvascularization Evaluation in patients with Diabetes mellitus: Optimal management of Multivessel disease (FREEDOM) Trial. Am Heart J. 2008 Feb;155(2):215-23.
578. Choi BG, Vilahur G, Zafar MU, Cardoso L, Yadegar D, Ibanez B, Tunstead J, Viles-Gonzalez JF, Schaffler MB, Fuster V, Badimon JJ. Selective estrogen receptor modulation influences atherosclerotic plaque composition in a rabbit menopause model. Atherosclerosis. 2008 Feb 21.
579. Farkouh ME, Fuster V. Meta-analysis of small trials: proceed with caution. Nat Clin Pract Nephrol. 2008 Mar;4(3):115.
580. Sanz J, Moreno PR, Fuster V. The year in atherothrombosis. J Am Coll Cardiol. 2008 Mar 4;51(9):944-55.
581. Ibanez B, Vilahur G, Cimmino G, Speidl WS, Pinero A, Choi BG, Zafar MU, Santos-Gallego CG, Krause B, Badimon L, Fuster V, Badimon JJ. Rapid change in plaque size, composition, and molecular footprint after recombinant apolipoprotein A-I Milano (ETC-216) administration: magnetic resonance imaging study in an experimental model of atherosclerosis. J Am Coll Cardiol. 2008 Mar 18;51(11):1104-9.
582. Ibanez B, Cimmino G, Bénézet-Mazuecos J, Gallego CG, Pinero A, Prat-González S, Speidl WS, Fuster V, García MJ, Sanz J, Badimon JJ. Quantification of serial changes in plaque burden using multi-detector computed tomography in experimental atherosclerosis. Atherosclerosis. 2008 Mar 30.
583. Lubitz SA, Fischer A, Fuster V. Catheter ablation for atrial fibrillation. BMJ. 2008 Apr 12;336(7648):819-26.
584. Choi BG, Vilahur G, Cardoso L, Fritton JC, Ibanez B, Zafar MU, Yadegar D, Speidl WS, Schaffler MB, Fuster V, et al. Ovariectomy increases vascular calcification via the OPG/RANKL cytokine signalling pathway. Eur J Clin Invest. 2008 Apr;38(4):211-7.

585. Fuster V, Camm H. Screening, stem cells, biomarkers and hypercholesterolemia: our first original clinical research. Nat Clin Pract Cardiovasc Med. 2008 May;5(5):237.
586. Luna F, Alonso V, Fuster V, Edo MA. Child age influence on the seasonal death risk during the first year of life (Spain, 1975-1989). Am J Hum Biol. 2008 May-Jun;20(3):278-84.
587. Rudd JH, Myers KS, Bansilal S, Machac J, Pinto CA, Tong C, Rafique A, Hargeaves R, Farkouh M, Fuster V, Fayad ZA. Atherosclerosis inflammation imaging with 18F-FDG PET: carotid, iliac, and femoral uptake reproducibility, quantification methods, and recommendations. J Nucl Med. 2008 Jun;49(6):871-8.
588. Briley-Saebo KC, Shaw PX, Mulder WJ, Choi SH, Vucic E, Aguinaldo JG, Witztum JL, Fuster V, Tsimikas S, Fayad ZA. Targeted Molecular Probes for Imaging Atherosclerotic Lesions With Magnetic Resonance Using Antibodies That Recognize Oxidation-Specific Epitopes. Circulation. 2008 Jun 9
589. Dellegrottaglie S, Sanz J, Fuster V, Rajagopalan S. Fatty infiltration of the right ventricle assessed by computed tomography and magnetic resonance imaging. J Cardiovasc Med (Hagerstown). 2008 Jul;9(7):753.
590. Bansilal S, Farkouh ME, Fuster V. Optimal treatment of the diabetic patient with multivessel disease. Curr Cardiol Rep. 2008 July: 10(4):272-84
591. Calcagno C, Cornily JC, Hyafil F, Rudd JH, Briley-Saebo KC, Mani V, Goldschlager G, Machac J, Fuster V, Fayad ZA. Detection of neovessels in atherosclerotic plaques of rabbits using dynamic contrast enhanced MRI and 18F-FDG PET. Arterioscler Thromb Vasc Biol. 2008 Jul;28(7):1311-7.
592. Love BA, Mehta D, Fuster V. Evaluation and management of the adult patient with transposition of the great arteries following atrial-level (Senning or Mustart) repair. Nature Clin Pract Cardiovasc Med 2008 Aug;5(8):454-67
593. Fayad ZA, Fuster V. Prologue: relevance of molecular imaging in clinical medicine. Nature Clin Pract Cardiovasc Med 2008 Aug;5 Suppl 2:S1
594. Vedanthan R, Fuster V. Cardiovascular disease in Sub-Saharan Africa: a complex picture demanding a multifaceted response. Nature Clin Pract Cardiovasc Med 2008 Sep;5(9)516-517
595. Moreno Pr, Purushothaman KR, Purushothaman M, Muntner P, Levy NS, Fuster V, et al. Haptoglobin genotype is a major determinant of the amount of iron in the human atherosclerotic plaque. J Am Coll Cardiol 2008 Sep 23;52(13):1049-51
596. Musunuru K, Kral BG, Blumenthal RS, Fuster V, et al. The use of high-sensitivity assays for C-reative protein in clinical practice. Nat Clin Pract Cardiovasc Med. 2008 Oct 5(10):621-35
597. Fuster V, Vedanthan R. Cardiovascular disease and the UN Millennium Development Goals: time to move forward. Nat Clin Pract Cardiovasc Med. 2008 Oct;5(10):593
598. Fuster V, Farkouh ME. Acute coronary syndromes and diabetes mellitus: a winning ticket for prasugrel. Circulation. 2008 Oct 14;118(16):1607-8
599. Farkouh ME, Fuster V. Time to welcome the elderly into clinical trials. Nat Clin Pract Cardiovasc Med. 2008 Nov;5(11):673
600. Sealove BA, Tiyyagura S, Fuster V. Takotsubo cardiomyopathy. J Gen Intern Med. 2008 Nov;23(11):1904-8
601. Worthley SG, Zhang ZY, Machac J, Helft G, Tang C, Liew GY, Zaman AG, Worthley MI, Fayad ZA, Buchsbaum MS, Fuster V, Badimon JJ. In vivo non-invasive serial monitoring of FDG-PET progression and regression in a rabbit model of atherosclerosis. Int J Cardiovasc Imaging. 2008 Nov 1.
602. Hajjar R, Fuster V. Cardiac cell and gene therapies: two trajectories, one goal. Nat Clin Pract Cardiovasc Med. 2008 Dec;5(12):749.

603. Fuster V, Zuluaga P, Colantonio S, de Blas C. *Factors associated with recent increase of multiple births in Spain.* Twin Res Hum Genet. 2008 Feb;11(1):70-6. doi: 10.1375/twin.11.1.70.PMID: 18251678 Free article.
604. Cimmino G, Ibanez B, Vilahur G, Speidl WS, Fuster V, et al. Up-Regulation of Reverse Cholesterol Transport Key Players and Rescue from Global Inflammation by ApoA-I. J Cell Mol Med. 2009 Sep;13(9B):3226-35
605. Farkouh ME, Fuster V. Diabetes and aspirin: beware of underpowered negative trials. Nat Clin Pract Cardiovasc Med. 2009 Jan;6(1):1.
606. Ibanez B, Cimmino G, Bénézet-Mazuecos J, Santos-Gallego CG, Pinero A, Prat-González S, Speidl WS, Fuster V, et al. Quantification of serial changes in plaque burden using multi-detector computed tomography in experimental atherosclerosis. Atherosclerosis. 2009 Jan;202(1):185-91.
607. Thomas JD, Zoghbi WA, Beller GA, Bonow RO, Budoff MJ, Cerqueira MD, Creager MA, Douglas PS, Fuster V, et al. ACCF 2008 Training Statement on Multimodality Noninvasive Cardiovascular Imaging A Report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence and Training Developed in Collaboration With the American Society of Echocardiography, the American Society of Nuclear Cardiology, the Society of Cardiovascular Computed Tomography, the Society for Cardiovascular Magnetic Resonance, and the Society for Vascular Medicine. J Am Coll Cardiol. 2009 Jan 6;53(1):125-46.
608. Aidi HE, Mani V, Weinshelbaum KB, Aguiar SH, Taniguchi H, Postley JE, Samber DD, Cohen EI, Stern J, van der Geest RJ, Reiber JH, Woodward M, Fuster V, et al. Cross-sectional, prospective study of MRI reproducibility in the assessment of plaque burden of the carotid arteries and aorta. Nat Clin Pract Cardiovasc Med. 2009 Jan 27.
609. Sanz G, Fuster V. Fixed-dose combination therapy and secondary cardiovascular prevention: rationale, selection of drugs and target population. Nat Clin Pract Cardiovasc Med. 2009 Feb;6(2):101-10.
610. Fuster V. Prime time for a polypill after myocardial infarction? Nat Clin Pract Cardiovasc Med. 2009 Feb;6(2):83.
611. Fuster V, van der Zee S, Elmariah S, Bonow R. Academic careers in cardiovascular medicine. Circulation 2009 Feb;119:754-760.
612. Fuster V, Bansilal S. Jupiter Strikes Earth Nature Reviews 2009 Mar;6(3):159.
613. Sanz J, Kariisa M, Dellegrottaglie S, Prat-González S, Garcia MJ, Fuster V, Rajagopalan S. Evaluation of pulmonary artery stiffness in pulmonary hypertension with cardiac magnetic resonance JACC Cardiovasc Imaging 2009 Mar;2(3):286-95.
614. Worthley SG, Zhang ZY, Machac J, Helft G, Tang C, Liew GY, Zaman AG, Worthley MI, Fayad ZA, Buchsbaum MS, Fuster V, Badimon JJ. In vivo non-invasive serial monitoring of FDG-PET progression and regression in a rabbit model of atherosclerosis Int J Cardiovasc Imaging 2009 Mar;25(3):251-7.
615. Sweeny JM, Gorog DA, Fuster V. Antiplatelet drug 'resistance'. Part 1: mechanisms and clinical measurements Nat Rev Cardiol. 2009 Apr;6(4):273-82
616. Sanz J, Moreno PR, Fuster V. The year in atherothrombosis J Am Coll Cardiol. 2009 Apr 14;53(15):1326-37.
617. Mani V, Muntner P, Gidding SS, Aguiar SH, El Aidi H, Weinshelbaum KB, Taniguchi H, van der Geest R, Reiber JH, Bansilal S, Farkouh M, Fuster V, et al. Cardiovascular magnetic resonance parameters of atherosclerotic plaque burden improve discrimination of prior major adverse cardiovascular events J Cardiovasc Magn Reson. 2009 Apr 24;11(1):10.

618. Gorog DA, Sweeny JM, Fuster V. Antiplatelet drug 'resistance'. Part 2: laboratory resistance to antiplatelet drugs-fact or artifact? Nat Rev Cardiol. 2009 May;6(5):365-73.
619. Vedanthan R, Fuster V. Disease Prevention: The moving target of global cardiovascular health. Nat Rev Cardiol. 2009 May;6(5):327-8.
620. Hulot JS, Fuster V. Antiplatelet therapy: Personalized medicine for clopidogrel resistance? Nat Rev Cardiol. 2009 May;6(5):334-6.
621. Lipinski MJ, Frias JC, Amirbekian V, Briley-Saebo KC, Mani V, Samber D, Abbate A, Aguinaldo JG, Massey D, Fuster V, et al. Macrophage-specific lipid-based nanoparticles improve cardiac magnetic resonance detection and characterization of human atherosclerosis. JACC Cardiovasc Imaging. 2009 May;2(5):637-47.
622. Floris-Moore M, Fayad ZA, Berman JW, Mani V, Schoenbaum EE, Klein RS, Weinshelbaum KB,
Fuster V, et al. Association of HIV viral load with monocyte chemoattractant protein-1 and atherosclerosis burden measured by magnetic resonance imaging. AIDS. 2009 May 15;23(8):941-9.
623. Zafar MU, Farkouh ME, Fuster V, Chesebro JH. Crushed Clopidogrel Administered via Nasogastric Tube Has Faster and Greater Absorption than Oral Whole Tablets. J Interv Cardiol. 2009 May 28
624. Fuster V. Doubts about ventricular reconstruction. Nat Rev Cardiol. 2009 Jun;6(6):383.
625. Garcia MJ, Fuster V. An ounce of prevention with a calcium score scan? JACC Cardiovasc Imaging. 2009 Jun;2(6):689-91
626. Sipido KR, Tedgui A, Kristensen SD, Pasterkamp G, Schunkert H, Wehling M, Steg PG, Eisert W, Rademakers F, Casadei B, Fuster V, et al. Identifying needs and opportunities for advancing translational research in cardiovascular disease. Cardiovasc Res. 2009 Jun 18
627. Moreno PR, Sanz J, Fuster V. Promoting mechanisms of vascular health: circulating progenitor cells, angiogenesis, and reverse cholesterol transport. J Am Coll Cardiol. 2009 Jun 23;53(25):2315-23.
628. Rudd, J, Myers K, Bansilal, S, Machac J, Woodward, M, Fuster V, et al. Relationships among regional arterial inflammation, calcification, risk factors, and biomarkers: a prospective fluorodeoxyglucose positron-emission tomography/computed tomography imaging study. Circ Cardiovasc Imaging 2009 Mar;2(2):107-15.
629. van der Zee S, Fuster V. Cardiovascular disease and chronic kidney disease: from treatment to promoting health Med Clin (Barc). 2009 May;132 Suppl 1:33-7. Spanish.
630. Martín de Francisco AL, Aguilera L, Fuster V. Cardiovascular, renal and other chronic diseases. Early intervention is necessary in chronic kidney disease Nefrologia 2009;29(1):6-9. Spanish.
631. Fuster V, Sanz J. Visualizing arterial macrophage warfare with nuclear magnetic resonance, positron-emission tomography and computerized tomography Rev Esp Cardiol. 2009 Jun;62 Suppl 2:2-8. Spanish
632. Fuster V. Are predictive risk scores useful? Nat Rev Cardiol. 2009 Aug;6(8):493
633. Sirol M, Moreno PR, Purushothaman KR, Vucic E, Amirbekian V, Weinmann HJ, Muntner P, Fuster V, Fayad ZA. Increased neovascularization in advanced lipid-rich atherosclerotic lesions detected by gadofluorine-M-enhanced MRI: implications for plaque vulnerability. Circ Cardiovasc Imaging. 2009 Sep;2(5):391-6
634. Fuster V. An ounce of prevention. Nat Rev Cardiol. 2009 Sep;6(9):553-4
635. van der Zee S, Baber U, Elmariah S, Winston J, Fuster V. Cardiovascular risk factors in patients with chronic kidney disease. Nat Rev Cardiol. 2009 Sep;6(9):580-9

636. Stevens GR, Lala A, Sanz J, Garcia MJ, Fuster V, Pinney S. Exercise performance in patients with pulmonary hypertension linked to cardiac magnetic resonance measures. J Heart Lung Transplant. 2009 Sep;28(9):899-905
637. Fuster V, Mearns BM. Lipid lowering: education is key. Nat Rev Cardiol. 2009 Oct;6(10):609-10
638. Silvera SS, Aidi HE, Rudd JH, Mani V, Yang L, Farkouh M, Fuster V, Fayad ZA. Multimodality imaging of atherosclerotic plaque activity and composition using FDG-PET/CT and MRI in carotid and femoral arteries. Atherosclerosis. 2009 Nov;207(1):139-43.
639. Fishman ML, McLaughlin MA, Fuster V. Chronic renal insufficiency, cardiovascular disease and mortality in women: a causal relationship or coincidence? Womens Health (Lond Engl). 2009 Nov;5(6):617-23.
640. Mendis S, Fuster V. National policies and strategies for noncommunicable diseases. Nat Rev Cardiol. 2009 Nov;6(11):723-7.
641. Fuster V, Mearns BM. The CVD paradox: mortality vs prevalence. Nat Rev Cardiol. 2009 Nov;6(11):669
642. Ibanez B, Cimmino G, Prat-González S, Vilahur G, Hutter R, García MJ, Fuster V, et al. The cardioprotection granted by metoprolol is restricted to its administration prior to coronary reperfusion. Int J Cardiol. 2009 Nov 11.
643. Cimmino G, Chen W, Speidl WS, Giannarelli C, Ibanez B, Fuster V, et al. Safe and sustained overexpression of functional apolipoprotein A-I/high-density lipoprotein in apolipoprotein A-I-null mice by muscular adeno-associated viral serotype 8 vector gene transfer. J Cardiovasc Pharmacol. 2009 Nov;54(5):405-11.
644. Fuster V, King A. The dual challenge of BP control. Nat Rev Cardiol. 2009 Dec;6(12):729-30
645. Love BA, Parness IA, Fuster V. Membranous septal aneurysm causing right ventricular outflow tract obstruction. Clin Cardiol. 2009 Dec;32(12)
646. Galende E, Karakikes I, Edelmann L, Desnick RJ, Kerenyi T, Khoueiry G, Lafferty J, McGinn JT, Brodman M, Fuster V, et al. Amniotic Fluid Cells Are More Efficiently Reprogrammed to Pluripotency Than Adult Cells. Cloning Stem Cells. 2009 Dec 17
647. Zafar MU, Paz-Yepes M, Shimbo D, Vilahur G, Burg MM, Chaplin W, Fuster V, et al. Anxiety is a better predictor of platelet reactivity in coronary artery disease patients than depression. Eur Heart J. 2010 Jan 22.
648. Underhill HR, Hatsukami TS, Fayad ZA, Fuster V, Yuan C. MRI of carotid atherosclerosis: clinical implications and future directions. Nat Rev Cardiol. 2010 Mar;7(3):165-73
649. Fuster V, Mearns BM. Global collaboration needed for AF. Nat Rev Cardiol. 2010 Mar;7(3):115-6
650. Baber U, van der Zee S, Fuster V. Anticoagulation for mechanical heart valves in patients with and without atrial fibrillation. Curr Cardiol Rep. 2010 Mar;12(2):133-9
651. Hayashi K, Mani V, Nemade A, Aguiar S, Postley JE, Fuster V, et al. Variations in atherosclerosis and remodeling patterns in aorta and carotids. J Cardiovasc Magn Reson. 2010 Mar 5;12:10
652. Sanz J, Moreno PR, Fuster V. The Year in Atherothrombosis. J Am Coll Cardiol 2010 Apr 6;55(14):1487-98
653. Canadas V, Vilacosta I, Bruna I, Fuster V. Marfan syndrome. Part 1: pathophysiology and disgnosis. Nat Rev Cardiol. 2010 May;7(5):256-65.
654. Canadas V, Vilacosta I, Bruna I, Fuster V. Marfan syndrome. Part 2: pathophysiology and disgnosis. Nat Rev Cardiol. 2010 May;7(5):266-76.
655. Mearns BM, Fuster V. Highlight dementia risk to reduce CVD. Nat Rev Cardiol. 2010 May;7(5):237.

656. Liao SL, Elmariah S, van der Zee S, Sealove BA, Fuster V. Does medical therapy for thoracic aortic aneurysms really work? Are beta-blockers truly indicated? CON. Cardiol Clin. 2010 May;28(2):261-9.
657. Ibanez B, Fuster V. Ischaemic conditioning for myocardial salvage after AMI. Lancet. 2010 May 15;375(9727):1691; author reply 1692.
658. Fuster V, et al. Promoting cardiovascular and erebrovascular health. Stroke. 2010 Jun;41(6):1079-83
659. Fuster V. From complex multivessel disease to cardiovascular health. Rev Esp Cardiol. 2010 Jun;63 Suppl 2:3-11. Spanish
660. Fuster V, and et al. Early Identification of atheroscierotic disease by noninvasive imaging. Nat Rev Cardiol. 2010 Jun;7(6):327-33
661. King A, Fuster V.Children are key to CVD prevention. Nat Rev Cardiol. 2010 Jun;7(6):297
662. Berger PB, Bhatt DL, Fuster V, et al. Bleeding complications with dual antiplatelet therapy among patients with stable vascular disease or risk factors for vascular disease: results from the Clopidogrel for High Atherothrombotic Risk and Ischemic Stabilization, Management, and Avoidance (CHARISMA) trail. Circulation. 2010 Jun 15;121(23):2575-83
663. Sanz J, Fuster V. Update in Cardiology Ann Intern Med. 2010 Jun 15;152(12):786-91
664. Rudd JH, Narula J, Strauss HW, Virmani R, Machac J, Klimas M, Tahara N, Fuster V, et al. Imaging atherosclerotic plaque inflammation by fluorodeoxyglucose with positron emission tomography: ready for prime time? J Am Coll Cardiol. 2010 Jun 8;55(23):2527-35
665. Fuster V, et al, General cardiology prespective: decision making regarding revascularization of partients with type 2 diabetes mellitus and cardiovascular disease in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) trail. Circulation. 2010 Jun 8;121(22):2450-2
666. Osorio J, Fuster V. Valve Interventions-a word of caution. Nat Rev Cardiol. 2010 Jul;7(7):355.
667. Farkouh ME, Fuster V. Diabetes: making sense of the rosiglitazone controversy. Nat Rev Cardiol. 2010 Jul;7(7):366-7.
668. Muntendam P, McCall C, Sanz J, Falk E, Fuster V, The BioImage Study: Novel Approaches to Risk Assessment in the Primary Prevention of Atherosclerotic Cardiovascular Disease - Study Design and Objectives. Am Heart J. 2010 Jul;160(1):49-57.e1
669. Lubitz SA, Benjamin EJ, Ruskin JN, Fuster V, et al. Challenges in the classification of atrial fibrillation. Nat Rev Cardiol. 2010 Aug;7(8):451-60.
670. Fernandez-Friera L, Garcia-Alvarez A, Romero A, Fuster V, et al. Lipid-rich obstructive coronary lesions is plaque characterization any important? JACC Cardiovasc Imaging. 2010 Aug;3(8):893-5.
671. Speidl WS, Cimmino G, Ibanez B, Elmariah S, Hutter R, Garcia MJ, Fuster V, et al. Recombinant apolipoprotein A-I Milano reapidly reverses aortic value stenosis and decreases leaflet inflammation in an experiemental rabbit model. Eur Heart J. 2010 Aug;31(16):2049-57
672. Cormode DP, Roessl E, Thran A, Skajaa T, Gordon RE, Schlomka JP, Fuster V, et al. Atherosclerotic plaque composition: analysis with multicolor CT and targeted gold nanoparticles. Radiology. 2010 Sep;256(3):774-82.
673. Fuster V. Fine-tuning therapy for acute coronary syndromes. N Engl J Med. 2010 Sep 2;363(10):976-7.
674. Cimmino G, Ibanez B, Giannarelli C, Prat-González S, Hutter R, Garcia M, Sanz J, Fuster V, et al. Carvedilol administration in acute myocardial infarction results in stronger inhibition of early markers of left ventricular remodeling than metoprolol. Int J Cardiol. 2010 Sep 21. [Epub ahead of print]

675. Fuster V, et al. The role of noninvasive imaging in promoting cardiovascular health. J Nucl Cardiol. 2010 Oct;17(5):781-90.
676. Fuster V, et al. Clopidogrel and the reduced-function CYP2C19 genetic variant: a limited piece of the overall therapeutic puzzle. JAMA. 2010 Oct 27;304(16):1821-30
677. Fuster V. Science, health and education: a priority and a model. Arch Cardiol Mex. 2010 oct-dec;80(4):261-271. Spanish.
678. Hyafil F, Vucic E, Cornily JC, Sharma R, Amirbekian V, Blackwell F, Lancelot E, Corot C, Fuster V, et al. Monitoring of arterial wall remodelling in atherosclerotic rabbits with a magnetic resonance imaging contrast agent binding to matrix metalloproteinases. Eur Heart J. 2010 Nov 30. [Epub ahead of print]
679. Elmariah S, Delaney JA, O'Brien KD, Budoff MJ, Vogel-Claussen J, Fuster V, et al. Bisphosphonate Use and Prevalence of Valvular and Vascular Calcification in Women MESA (The Multi-Ethnic Study of Atherosclerosis). J Am Coll Cardiol. 2010 Nov 16;56(21):1752-9.
680. Giannarelli C, Ibanez B, Cimmino G, Garcia Ruiz JM, Faita F, Bianchini E, Zafar MU, Fuster V, et al. Contrast_enhanced ultrasound imaging detects intraplaque neovascularization in an experimental model of atheroscierosis. JACC Cardiovasc Imaging. 2010 Dec;3(12):1256-64.
681. Lobatto ME, Fayad ZA, Silvera S, Vucic E, Calcagno C, Mani V, Dickson SD, Nicolay K, Banciu M, Schiffelers RM, Metselaar JM, van Bloois L, We HS, Fallon JT, Rudd JH, Fuster V, et al. Multimodal clinical imaging to longitudinally assess a nanomedical anti-inflammatory treatment in experimental atherosclerosis. Mol Pharm. 2010 Dec 6;7(6):2020-9.
682. Fernandez-Friera L, Garcia-Alvarez A, Bagheriannejad-Esfahani F, Malick W, Mirelis JG, Sawit ST, Fuster V, et al. Diagnostic value of coronary artery calcium scoring in low-intermediate risk patients evaluated in the emergency department for acute coronary syndrome. Am J Cardiol. 2011 Jan;107(1):17-23.
683. Wann LS, Curtis AB, January CT, Ellenbogen KA, Lowe JE, Estes NA 3rd, Page RL, Ezekowitz MD, Slotwiner DJ, Jackman WM, Stevenson WG, Tracy CM, Fuster V, et. al. 2011 ACCF/AHA/HRS focused update on the management of patients with atrial fibrillation (Updating the 2006 Guideline): a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. J Am Coll Cardiol 2011 Jan 11;57(2):223-42
684. Vedanthan R, Fuster V. Urgent need for human resources to promote global cardiovascular health. Nat Rev Cardiol 2011 Feb;8(2):114-7
685. Viles-Gonzalez JF, Fuster V, Halperin J, Calkins H, Reddy VY. Rhythm control for management of patients with atrial fibrillation: balancing the use of antiarrhythmic drugs and catheter ablation. Clin Cardiol. 2011 Jan;34(1):23-9.
686. Franco M, Cooper RS, Bilal U, Fuster V. Challenges and opportunities for cardiovascular disease prevention. Am J Med. 2011 Feb;124(2):95-102.
687. Fuster V, Sweeny JM. Aspirin: a historical and contemporary therapeutic overview. Circulation. 2011 Feb 22;123(7):768-78.
688. Vaishnava P, Fuster V, Goldman M, Bonow RO. Surgery for asymptomatic degenerative aortic and mitral valve disease. Nat Rev Cardiol. 2011 Mar;8(3):173-7.
689. Cimmino G, Giannarelli C, Chen W, Alique M, Santos-Gallego CG, Fuster V, Et Al. Adeno-associated virus serotype 8 ApoA-I gene transfer reduces progression of atherosclerosis in ApoE-KO mice: comparison of intramuscular and intravenous administration. J Cardiovasc Pharmacol. 2011 Mar;57(3):325-33.
690. Fuster V, Et. Al. 2011 ACCF/AHA/HRS focused updates incorporated into the ACC/AHA/ESC 2006 guidelines for the management of patients with atrial fibrillation: a report of the American College of Cardiology Foundation/American Heart Association Task Force on practice

guidelines. Circulation. 2011 Mar 15;123(10):e269-367.

691. Ibanez B, Cimmino G, Prat-González S, Vilahur G, Hutter R, García MJ, Fuster V, Et Al. The cardioprotection granted by metoprolol is restricted to its administration prior to coronary reperfusion. Int J Cardiol. 2011 Mar 17;147(3):428-32.
692. Purushothaman KR, Purushothaman M, Muntner P, Lento PA, O'Connor WN, Sharma SK, Fuster V, Moreno PR. Inflammation, neovascularization and intra-plaque hemorrhage are associated with increased reparative collagen content: implication for plaque progression in diabetic atherosclerosis. Vasc Med. 2011 Apr;16(2):103-8.
693. Sanz G, Fuster V. Polypill and global cardiovascular health strategies. Semin Thorac Cardiovasc Surg. 2011 Spring;23(1):24-9.
694. Muntner P, Mann D, Wildman RP, Shimbo D, Fuster V, Woodward M. Projected impact of polypill use among US adults: Medication use, cardiovascular risk reduction, and side effects. Am Heart J. 2011 Apr;161(4):719-25.
695. Kovacic JC, Moreno P, Hachinski V, Nabel EG, Fuster V. Cellular senescence, vascular disease, and aging: part 1 of a 2-part review. Circulation. 2011 Apr 19;123(15):1650-60.
696. Kovacic JC, Moreno P, Nabel EG, Hachinski V, Fuster V. Cellular senescence, vascular disease, and aging: part 2 of a 2-part review: clinical vascular disease in the elderly. Circulation. 2011 May 3;123(17):1900-10.
697. Fuster V, Kelly BB, Vedanthan R. Promoting global cardiovascular health: moving forward. Circulation. 2011 Apr 19;123(15):1671-8.
698. Kishore SP, Vedanthan R, Fuster V. Promoting global cardiovascular health ensuring access to essential cardiovascular medicines in low- and middle-income countries. J Am Coll Cardiol. 2011 May 17;57(20):1980-7.
699. Moral S, Fernández-Friera L, Stevens G, Guzman G, García-Alvarez A, Nair A, Evangelista A, Fuster V, Garcia MJ, Sanz J. New index alpha improves detection of pulmonary hypertension in comparison with other cardiac magnetic resonance indices. Int J Cardiol. 2011 May 17.
700. Klink A, Hyafil F, Rudd J, Faries P, Fuster V, Et Al. Diagnostic and therapeutic strategies for small abdominal aortic aneurysms. Nat Rev Cardiol. 2011 Jun;8(6):338-47.
701. Hyafil F, Vucic E, Cornily JC, Sharma R, Amirbekian V, Blackwell F, Lancelot E, Corot C, Fuster V, Et Al. Monitoring of arterial wall remodelling in atherosclerotic rabbits with a magnetic resonance imaging contrast agent binding to matrix metalloproteinases. Eur Heart J. 2011 Jun;32(12):1561-71.
702. Fuster V, Sanz G. [Fixed-dose compounds and the secondary prevention of ischemic heart disease]. Rev Esp Cardiol. 2011 Jul;64 Suppl 2:3-9.
703. Ibáñez B, Fuster V, Et Al. [Modulation of the beta-adrenergic system during acute myocardial infarction: rationale for a new clinical trial]. Rev Esp Cardiol. 2011 Jul;64 Suppl 2:28-33.
704. Corti R, Fuster V. Imaging of atherosclerosis: magnetic resonance imaging. Eur Heart J. 2011 Jul;32(14):1709-19b.
705. Garcia-Alvarez A, Fernandez-Friera L, Lau JF, Sawit ST, Mirelis JG, Castillo JG, Pinney S, Anyanwu AC, Fuster V, Sanz J, Garcia MJ. Evaluation of right ventricular function and post-operative findings using cardiac computed tomography in patients with left ventricular assist devices. J Heart Lung Transplant. 2011 Aug;30(8):896-903.
706. Viles-Gonzalez JF, Fuster V, Halperin JL. New anticoagulants for prevention of stroke in patients with atrial fibrillation. J Cardiovasc Electrophysiol. 2011 Aug;22(8):948-55.
707. Fernandez-Friera L, Garcia-Alvarez A, Guzman G, Bagheriannejad-Esfahani F, Malick W, Nair A, Fuster V, Garcia MJ, Sanz J. Apical right ventricular dysfunction in patients with pulmonary hypertension demonstrated with magnetic resonance. Heart. 2011 Aug;97(15):1250-6.
708. Fayad ZA, Mani V, Woodward M, Kallend D, Bansilal S, Pozza J, Burgess T, Fuster V, Rudd

JH, Tawakol A, Farkouh ME. Rationale and design of dal-PLAQUE: a study assessing efficacy and safety of dalcetrapib on progression or regression of atherosclerosis using magnetic resonance imaging and 18F-fluorodeoxyglucose positron emission tomography/computed tomography. Am Heart J. 2011 Aug;162(2):214-221.e2.

709. Muntner P, Mann D, Wildman RP, Shimbo D, Fuster V, Woodward M. Projected impact of polypill use among US adults: Medication use, cardiovascular risk reduction, and side effects. Am Heart J. 2011 Apr;161(4):719-25.
710. Sanz J, Fuster V. The year in atherothrombosis. J Am Coll Cardiol. 2011 Aug 16;58(8):779-91.
711. Ibanez B, Fuster V, Jiménez-Borreguero J, Badimon JJ. Lethal myocardial reperfusion injury: a necessary evil? Int J Cardiol. 2011 Aug 18;151(1):3-11.
712. Fuster V, Kelly BB, Vedanthan R. Global cardiovascular health: urgent need for an intersectoral approach. J Am Coll Cardiol. 2011 Sep 13;58(12):1208-10.
713. Vucic E, Dickson SD, Calcagno C, Rudd JH, Moshier E, Hayashi K, Mounessa JS, Roytman M, Moon MJ, Lin J, Tsimikas S, Fisher EA, Nicolay K, Fuster V, Fayad ZA. Pioglitazone modulates vascular inflammation in atherosclerotic rabbits noninvasive assessment with FDG-PET-CT and dynamic contrast-enhanced MR imaging. JACC Cardiovasc Imaging. 2011 Oct;4(10):1100-9.
714. Moreno PR, Astudillo L, Elmariah S, Purushothaman KR, Purushothaman M, Lento PA, Sharma SK, Fuster V, Adams DH. Increased macrophage infiltration and neovascularization in congenital bicuspid aortic valve stenosis. J Thorac Cardiovasc Surg. 2011 Oct;142(4):895-901.
715. García-Alvarez A, Fernández-Friera L, Mirelis JG, Sawit S, Nair A, Kallman J, Fuster V, Sanz J. Non-invasive estimation of pulmonary vascular resistance with cardiac magnetic resonance. Eur Heart J. 2011 Oct;32(19):2438-45.
716. Falk E, Sillesen H, Muntendam P, Fuster V. The high-risk plaque initiative: primary prevention of atherothrombotic events in the asymptomatic population. Curr Atheroscler Rep. 2011 Oct;13(5):359-66.
717. Kovacic JC, Fuster V. From treating complex coronary artery disease to promoting cardiovascular health: therapeutic transitions and challenges, 2010-2020. Clin Pharmacol Ther. 2011 Oct;90(4):509-18.
718. Lobatto ME, Fuster V, Fayad ZA, Mulder WJ. Perspectives and opportunities for nanomedicine in the management of atherosclerosis. Nat Rev Drug Discov. 2011 Oct 21;10(11):835-52.
719. Fayad ZA, Mani V, Woodward M, Kallend D, Abt M, Burgess T, Fuster V, Et Al. Safety and efficacy of dalcetrapib on atherosclerotic disease using novel non-invasive multimodality imaging (dal-PLAQUE): a randomised clinical trial. Lancet. 2011 Oct 29;378(9802):1547-59.
720. Franco M, Cooper R, Bilal U, Fuster V. [Control of coronary heart disease risk factors and evidence-based therapies: joint efforts for coronary heart disease prevention in Spain]. Rev Esp Cardiol. 2011 Nov;64(11):962-4.
721. Domanski M, Lloyd-Jones D, Fuster V, Grundy S. Can we dramatically reduce the incidence of coronary heart disease? Nat Rev Cardiol. 2011 Nov 1;8(12):721-5.
722. Bucerius J, Duivenvoorden R, Mani V, Moncrieff C, Rudd JH, Calcagno C, Machac J, Fuster V, Farkouh ME, Fayad ZA. Prevalence and risk factors of carotid vessel wall inflammation in coronary artery disease patients: FDG-PET and CT imaging study. JACC Cardiovasc Imaging. 2011 Nov;4(11):1195-205.
723. Vaishnava P, Narayan R, Fuster V. Understanding systemic inflammation, oral hygiene, and cardiovascular disease. Am J Med. 2011 Nov;124(11):997-9.
724. Sanz G, Fuster V, Guzmán L, Guglietta A, Arnáiz JA, Martínez F, Sarria A, Roncaglioni MC, Taubert K. The fixed-dose combination drug for secondary cardiovascular prevention project: improving equitable access and adherence to secondary cardiovascular prevention with a fixed-

dose combination drug. Study design and objectives. Am Heart J. 2011 Nov;162(5):811-817.e1.

725. Klink A, Heynens J, Herranz B, Lobatto ME, Arias T, Sanders HM, Strijkers GJ, Merkx M, Nicolay K, Fuster V, Et Al. In vivo characterization of a new abdominal aortic aneurysm mouse model with conventional and molecular magnetic resonance imaging. J Am Coll Cardiol. 2011 Dec 6;58:2522-30

726. Cimmino G, Ibanez B, Giannarelli C, Prat-González S, Hutter R, Garcia M, Sanz J, Fuster V, Badimon JJ. Carvedilol administration in acute myocardial infarction results in stronger inhibition of early markers of left ventricular remodeling than metoprolol. Int J Cardiol. 2011 Dec 15;153(3):256-61.

727. Islami F, Mańczuk M, Vedanthan R, Vatten L, Polewczyk A, Fuster V, Et Al. A cross-sectional study of cardiovascular disease and associated factors. Ann Agric Environ Med. 2011 Dec 22;18(2):255-9.

728. Fernández-Friera L, Fuster V, Sanz J. Characterization of a mediastinal thymic seminoma using cardiac magnetic resonance Rev Esp Cardiol. 2012 Jan;65(1):97.

729. Giannarelli C, Cimmino G, Connolly TM, Ibanez B, Garcia Ruiz JM, Alique M, Zafar MU, Fuster V, Et Al. Synergistic effect of liver X receptor activation and simvastatin on plaque regression and stabilization: an magnetic resonance imaging study in a model of advanced atherosclerosis. Eur Heart J. 2012 Jan;33(2):264-73.

730. Fayad ZA, Mani V, Fuster V. The time has come for clinical cardiovascular trials with plaque characterization as an endpoint Eur Heart J. 2012 Jan;33(2):160-1.

731. Nair AP, Timoh T, Fuster V. Contemporary medical management of systolic heart failure. Circ J. 2012;76(2):268-77.

732. Ibanez B, Giannarelli C, Cimmino G, Santos-Gallego CG, Alique M, Pinero A, Vilahur G, Fuster V, et.al. Recombinant HDL(Milano) exerts greater anti-inflammatory and plaque stabilizing properties than HDL(wild-type). Atherosclerosis. 2012 Jan;220(1):72-7.

733. Sanz J, García-Alvarez A, Fernández-Friera L, Nair A, Mirelis JG, Sawit ST, Pinney S, Fuster V. Right ventriculo-arterial coupling in pulmonary hypertension: a magnetic resonance study. Heart 2012 Feb;98(3):238-43.

734. Kovacic JC, Lee P, Baber U, Karajgikar R, Evrard SM, Moreno P, Mehran R, Fuster V, Et Al. Inverse relationship between body mass index and coronary artery calcification in patients with clinically significant coronary lesions. Atherosclerosis. 2012 Mar;221(1):176-82.

735. Purushothaman KR, Krishnan P, Purushothaman M, Wiley J, Alviar CL, Ruiz FJ, Zubatov Y, Kini AS, Sharma SK, Fuster V, Moreno PR. Expression of angiotensin-converting enzyme 2 and its end product angiotensin 1-7 is increased in diabetic atheroma: implications for inflammation and neovascularization.
Cardiovasc Pathol. 2012 Jun 28. [Epub ahead of print]

736. Fuster V, Torres, M. CNIC: Achieving Research Excellence Through Collaboration. Rev Esp Cardiol. 2012;65(6):511–516

737. Fuster V. An Alarming Threat to Secondary Prevention: Low Compliance (Lifestyle) and Poor Adherence (Drugs). Rev Esp Cardiol. 2012 Jul;65S2:10-16.

738. Sillesen H, Muntendam P, Adourian A, Entrekin R, Garcia M, Falk E, Fuster V. Carotid plaque burden as a measure of subclinical atherosclerosis: comparison with other tests for subclinical arterial disease in the High Risk Plaque BioImage study. JACC Cardiovasc Imaging. 2012 Jul;5(7):681-9.

739. Purushothaman KR, Purushothaman M, Levy AP, Lento PA, Evrard S, Kovacic JC, Briley-Saebo KC, Tsimikas S, Witztum JL, Krishnan P, Kini A, Fayad ZA, Fuster V, Et Al. Increased expression of oxidation-specific epitopes and apoptosis are associated with haptoglobin genotype: possible implications for plaque progression in human atherosclerosis. J Am Coll

Cardiol. 2012 Jul:10;60:112-9.

740. Franco M, Bilal U, Guallar E, Sanz G, Gómez AF, Fuster V, Cooper R. Systematic review of three decades of Spanish cardiovascular epidemiology: improving translation for a future of prevention. Eur J Prev Cardiol. 2012 Jul 13.

741. Sameer Bansilal, Rajesh Vedanthan, Mark Woodward, Rupa Iyengar, Marilyn Hunn, Marcelle Lewis, Lesley Francis, Alexander Charney, Claire Graves, Michael E. Farkouh, Valentin Fuster Cardiovascular Risk Surveillance to Develop a Nationwide Health Promotion Strategy: The Grenada Heart Project. Global Heart 2012 Jul:7:87-94.

742. Kushner T, Halperin JL, Nair AP, Fuster V, Love BA. Peripheral pulmonary artery stenosis masquerading as pulmonary hypertension: a diagnostic and therapeutic challenge. Vasc Med. 2012 Aug;17(4):235-8.

743. Elmariah S, Delaney JA, Bluemke DA, Budoff MJ, O'Brien KD, Fuster V, Kronmal RA, Halperin JL. Associations of LV hypertrophy with prevalent and incident valve calcification: Multi-Ethnic Study of Atherosclerosis. JACC Cardiovasc Imaging. 2012 Aug;5(8):781-8.

744. Vucic E, Calcagno C, Dickson SD, Rudd JH, Hayashi K, Bucerius J, Moshier E, Mounessa JS, Roytman M, Moon MJ, Lin J, Ramachandran S, Tanimoto T, Brown K, Kotsuma M, Tsimikas S, Fisher EA, Nicolay K, Fuster V, Fayad ZA. Regression of inflammation in atherosclerosis by the LXR agonist R211945: a noninvasive assessment and comparison with atorvastatin. JACC Cardiovasc Imaging. 2012 Aug;5(8):819-28.

745. Castillo JG, Anyanwu AC, Fuster V, Adams DH. A near 100% repair rate for mitral valve prolapse is achievable in a reference center: implications for future guidelines. J Thorac Cardiovasc Surg. 2012 Aug;144(2):308-12.

746. Galper MW, Saung MT, Fuster V, Et Al. Effect of computed tomography scanning parameters on gold nanoparticle and iodine contrast. Invest Radiol. 2012 Aug;47(8):475-81.

747. Fernández-Jiménez R, López-Romero P, Suárez-Barrientos A, García-Rubira JC, Fernández-Ortiz A, Fuster V, Troponin release overestimates infarct size in presence of left ventricular hypertrophy. J Am Coll Cardiol. 2012 Aug 14;60(7):640-1

748. Yaniz-Galende E, Chen J, Chemaly ER, Liang L, Hulot JS, McCollum L, Arias T, Fuster V. Stem Cell Factor Gene Transfer Promotes Cardiac Repair After Myocardial Infarction via In Situ Recruitment and Expansion of c-kit+ Cells. Circ Res. 2012 Aug 29.

749. Chinitz JS, Halperin JL, Reddy VY, Fuster V. Rate or Rhythm Control for Atrial Fibrillation: Update and Controversies. Am J Med. 2012 Aug 29.

750. Sanz J, Moreno PR, Fuster V. The year in atherothrombosis. J Am Coll Cardiol. 2012 Sep 4;60(10):932-42.

751. Fuster V, Bhatt DL, Califf RM, Michelson AD, Et Al. Guided antithrombotic therapy: current status and future research direction: report on a national heart, lung and blood institute working group. Circulation. 2012 Sep 25;126(13):1645-62.

752. Gangireddy SR, Halperin JL, Fuster V, Reddy VY. Percutaneous left atrial appendage closure for stroke prevention in patients with atrial fibrillation: an assessment of net clinical benefit. Eur Heart J. 2012 Nov;33(21):2700-8.

753. Ibanez B, Fuster V, Macaya C, Sánchez-Brunete V, Et Al. Study design for the "effect of METOprolol in CARDioproteCtioN during an acute myocardial InfarCtion" (METOCARD-CNIC): A randomized, controlled parallel-group, observer-blinded clinical trial of early pre-reperfusion metoprolol administration in ST-segment elevation myocardial infarction. Am Heart J. 2012 Oct;164(4):473-480.e5.

754. Bansilal S, Farkouh ME, Hueb W, Ogdie M, Dangas G, Lansky AJ, Cohen DJ, Magnuson EA, Ramanathan K, Tanguay JF, Muratov V, Sleeper LA, Domanski M, Bertrand ME, Fuster V. The Future REvascularization Evaluation in patients with Diabetes mellitus: Optimal management of

Multivessel disease (FREEDOM) trial: Clinical and angiographic profile at study entry. Am Heart J. 2012 Oct;164(4):591-9.

755. Mirelis JG, Garcia-Alvarez A, Fernandez-Friera L, Sawit S, Hinojar R, Fuster V, Et Al. Respiratory ventricular area changes measured with real-time cardiac magnetic resonance: A new, accurate, and reproducible approach for the diagnosis of pericardial constriction. Int J Cardiol. 2012 Oct 3. S0167-5273(12)01208-9.

756. Céspedes J, Briceño G, Farkouh ME, Vedanthan R, Baxter J, Leal M, Boffetta P, Woodward M, Hunn M, Dennis R, Fuster V. Targeting Preschool Children to Promote Cardiovascular Health: Cluster Randomized Trial. Am J Med. 2013 Jan;126(1):27-35.e3.

757. Moral S, Fernández-Friera L, Stevens G, Guzman G, García-Alvarez A, Nair A, Evangelista A, Fuster V, Et Al. New index alpha improves detection of pulmonary hypertension in comparison with other cardiac magnetic resonance indices. Int J Cardiol. 2012 Nov 1;161(1):25-30.

758. Purushothaman M, Krishnan P, Purushothaman KR, Baber U, Tarricone A, Perez JS, Wiley J, Kini A, Sharma SK, Fuster V, Moreno PR. Genotype-dependent impairment of hemoglobin clearance increases oxidative and inflammatory response in human diabetic atherosclerosis. Arterioscler Thromb Vasc Biol. 2012 Nov;32(11):2769-75

759. Giannarelli C, Cimmino G, Ibanez B, Chiesa G, Garcia-Prieto J, Santos-Gallego CG, Alique-Aguilar M, Fuster V, Sirtori C, Badimon JJ. Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. Thromb Haemost. 2012 Oct 23;108(6).

760. Farkouh ME, Domanski M, Sleeper LA, Siami FS, Dangas G, Mack M, Yang M, Cohen DJ, Rosenberg Y, Solomon SD, Desai AS, Gersh BJ, Magnuson EA, Lansky A, Boineau R, Weinberger J, Ramanathan K, Sousa JE, Rankin J, Bhargava B, Buse J, Hueb W, Smith CR, Muratov V, Bansilal S, King S 3rd, Bertrand M, Fuster V; the FREEDOM Trial Investigators. Strategies for Multivessel Revascularization in Patients with Diabetes. N N Engl J Med. 2012 Dec 20;367(25):2375-84.

761. Zafar MU, Santos-Gallego C, Vorchheimer DA, Viles-Gonzalez JF, Elmariah S, Giannarelli C, Sartori S, Small DS, Jakubowski JA, Fuster V, Badimon JJ. Platelet Function Normalization after a Prasugrel Loading Dose: Time-dependent Effect of Platelet Supplementation. J Thromb Haemost. 2012 Nov 8. [Epub ahead of print]

762. Sanz G, Fuster V. Maximizing therapeutic envelope for prevention of cardiovascular disease: role of polypill. Mt Sinai J Med. 2012 Nov;79(6):683-8.

763. Kovacic JC, Fuster V. Atherosclerotic risk factors, vascular cognitive impairment, and Alzheimer disease. Mt Sinai J Med. 2012 Nov;79(6):664-73.

764. Sillesen H, Fuster V. Predicting coronary heart disease: from framingham risk score to ultrasound bioimaging. Mt Sinai J Med. 2012 Nov;79(6):654-63.

765. Otsuka F, Fuster V, Narula J, Virmani R. Omnipresent atherosclerotic disease: time to depart from analysis of individual vascular beds. Mt Sinai J Med. 2012 Nov;79(6):641-53.

766. Kelly BB, Narula J, Fuster V. Recognizing global burden of cardiovascular disease and related chronic diseases. Mt Sinai J Med. 2012 Nov;79(6):632-40.

767. Fuster V, Narula J, Kelly BB. Promoting global cardiovascular and cerebrovascular health. Mt Sinai J Med. 2012 Nov;79(6):625-31

768. Moral S, Fernández-Friera L, Stevens G, Guzman G, García-Alvarez A, Nair A, Evangelista A, Fuster V, Garcia MJ, Sanz J. New index alpha improves detection of pulmonary hypertension in comparison with other cardiac magnetic resonance indices. Int J Cardiol. 2012 Nov 1;161(1):25-30.

769. Gangireddy SR, Halperin JL, Fuster V, Reddy VY. Percutaneous left atrial appendage closure for stroke prevention in patients with atrial fibrillation: an assessment of net clinical benefit. Eur Heart J. 2012 Nov;33(21):2700-8.

770. Kovacic JC, Fuster V. Smoking gun theory: angiographically normal or mild coronary plaque as a cause of myocardial infarction. Circulation. 2012 Dec 18;126(25):2918-20.
771. Giannarelli C, Cimmino G, Ibanez B, Chiesa G, Garcia-Prieto J, Santos-Gallego CG, Alique-Aguilar M, Fuster V, Sirtori C, Badimon JJ. Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. Thromb Haemost. 2012 Dec;108(6):1246-8.
772. Chatterjee S, Chaudhuri D, Vedanthan R, Fuster V, Ibanez B, Bangalore S, Mukherjee D. Int J Cardiol. Early intravenous beta-blockers in patients with acute coronary syndrome-A meta-analysis of randomized trials. 2012 Nov 17.: S0167-5273(12)01425-8.
773. Yaniz-Galende E, Chen J, Chemaly E, Liang L, Hulot JS, McCollum L, Arias T, Fuster V, Zsebo KM, Hajjar RJ. Stem cell factor gene transfer promotes cardiac repair after myocardial infarction via in situ recruitment and expansion of c-kit+ cells. Circ Res. 2012 Nov 9;111(11):1434-45.
774. Chinitz JS, Halperin JL, Reddy VY, Fuster V. Rate or rhythm control for atrial fibrillation: update and controversies. Am J Med. 2012 Nov;125(11):1049-56.
775. Purushothaman M, Krishnan P, Purushothaman KR, Baber U, Tarricone A, Perez JS, Wiley J, Kini A, Sharma SK, Fuster V, Moreno PR. Genotype-dependent impairment of hemoglobin clearance increases oxidative and inflammatory response in human diabetic atherosclerosis. Arterioscler Thromb Vasc Biol. 2012 Nov;32(11):2769-75.
776. Islami F, Pourshams A, Vedanthan R, Poustchi H, Kamangar F, Golozar A, Etemadi A, Khademi H, Freedman ND, Merat S, Garg V, Fuster V, Et. Al. Smoking water-pipe, chewing nass and prevalence of heart disease: a cross-sectional analysis of baseline data from the Golestan Cohort Study, Iran. Heart. 2012 Dec 20.
777. Magnuson EA, Farkouh ME, Fuster V, Et. Al. Cost-Effectiveness of Percutaneous Coronary Intervention with Drug Eluting Stents versus Bypass Surgery for Patients with Diabetes and Multivessel Coronary Artery Disease: Results from the FREEDOM Trial. Circulation. 2012 Dec 31.
778. Sillesen H, Entrekin R, Garcia M, Falk E, Fuster V. Reply. JACC Cardiovasc Imaging. 2013 Jan;6(1):130.
779. Román-Busto J, Tasso M, Caravello G, Fuster V, Zuluaga P. Genetics of population exchange along the historical Portuguese-Spanish border. J Biosoc Sci. 2013 Jan;45(1):79-93.
780. Purushothaman KR, Krishnan P, Purushothaman M, Wiley J, Alviar CL, Ruiz FJ, Zubatov Y, Kini AS, Sharma SK, Fuster V, Moreno PR. Expression of angiotensin-converting enzyme 2 and its end product angiotensin 1-7 is increased in diabetic atheroma: implications for inflammation and neovascularization. Cardiovasc Pathol. 2013 Jan;22(1):42-8.
781. Bini J, Izquierdo-Garcia D, Mateo J, Machac J, Narula J, Fuster V, Fayad ZA. Preclinical Evaluation of MR Attenuation Correction Versus CT Attenuation Correction on a Sequential Whole-Body MR/PET Scanner. Invest Radiol. 2013 Jan 4.
782. Chinitz JS, Vaishnava P, Narayan RL, Fuster V. Atrial fibrillation through the years: contemporary evaluation and management. Circulation. 2013 Jan 22;127(3):408-16.
783. Fuster V, Zuluaga P, Colantonio SE, Román-Busto J. Factors determining the variation in birth weight in Spain (1980-2010). Ann Hum Biol. 2013 Feb 7.
784. Bini J, Izquierdo-Garcia D, Mateo J, Machac J, Narula J, Fuster V, Fayad ZA. Preclinical Evaluation of MR Attenuation Correction Versus CT Attenuation Correction on a Sequential Whole-Body MR/PET Scanner. Invest Radiol. 2013;48(5):313-322.
785. Kahn MR, Robbins MJ, Kim MC, Fuster V.Management of cardiovascular disease in patients with kidney disease. Nat Rev Cardiol. 2013;10(5):261-73.
786. Silvestre-Roig C, Fernández P, Esteban V, Pello OM, Indolfi C, Rodríguez C, Rodríguez-Calvo R, López-Maderuelo MD, Bauriedel G, Hutter R, Fuster V, Ibáñez B, Redondo JM, Martínez-

González J, Andrés V. Inactivation of nuclear factor-y inhibits vascular smooth muscle cell proliferation and neointima formation. Arterioscler Thromb Vasc Biol. 2013;33(5):1036-45.

787. Prati F, Uemura S, Souteyrand G, Virmani R, Motreff P, Di Vito L, Biondi-Zoccai G, Halperin J, Fuster V, Ozaki Y, Narula J. OCT-based diagnosis and management of STEMI associated with intact fibrous cap. JACC Cardiovasc Imaging. 2013 Mar;6(3):283-7.

788. Narula J, Nakano M, Virmani R, Kolodgie FD, Petersen R, Newcomb R, Malik S, Fuster V, Finn AV. Histopathologic characteristics of atherosclerotic coronary disease and implications of the findings for the invasive and noninvasive detection of vulnerable plaques. J Am Coll Cardiol. 2013 Mar 12;61(10):1041-51.

789. Castillo JG, Castellano JM, Fuster V, Adams DH. A very unusual cause of mechanical left ventricular outflow tract obstruction. Eur J Cardiothorac Surg. 2013 Mar 26.

790. Gorog DA, Fuster V. Platelet function tests in clinical cardiology: unfulfilled expectations. J Am Coll Cardiol. 2013 Mar 26

791. Fuster V. Profile: The Centro Nacional de Investigaciones Cardiovasculares Carlos III. Interview by Emma Wilkinson. Eur Heart J. 2013 Mar;34(10):705-6.

792. Farkouh ME, Domanski M, Fuster V. Revascularization strategies in patients with diabetes. N Engl J Med. 2013 Apr 11;368(15):1455-6.

793. Farkouh ME, Boden WE, Bittner V, Muratov V, Hartigan P, Ogdie M, Bertolet M, Mathewkutty S, Teo K, Maron DJ, Sethi SS, Domanski M, Frye RL, Fuster V Risk factor control for coronary artery disease secondary prevention in large randomized trials. J Am Coll Cardiol. 2013 Apr 16;61(15):1607-15

794. Zafar MU, Santos-Gallego, C, Vorchheimer, D.A, Viles-Gonzalesz, J.F., Elmariah, S., Giannarelli, C., Sartori, S., Small, D.S., Jakubowski, J.A., Fuster, V., Badimon, J.J. Platelet function normalization after a prasugrel loading-dose: time-dependent effect of platelet supplementation. J. of Thrombosis and Haemostasis. April (in-press).

795. American College of Cardiology Foundation; American Heart Association; European Society of Cardiology; Heart Rhythm Society, Wann LS, Curtis AB, Ellenbogen KA, Estes NA, Ezekowitz MD, Jackman WM, January CT, Lowe JE, Page RL, Slotwiner DJ, Stevenson WG, Tracy CM, Fuster V, Rydén LE, Cannom DS, Crijns HJ, Curtis AB, Ellenbogen KA, Halperin JL, Le Heuzey J, Kay GN, Lowe JE, Olsson SB, Prystowsky EN, Tamargo JL, Wann LS. Management of patients with atrial fibrillation (compilation of 2006 ACCF/AHA/ESC and 2011 ACCF/AHA/HRS recommendations): a report of the American College of Cardiology/American Heart Association Task Force on practice guidelines.Circulation. 2013 May 7;127(18):1916-26. doi: 10.1161/CIR.0b013e318290826d. Epub 2013 Apr 1. No abstract available

795. Anderson JL, Halperin JL, Albert NM, Bozkurt B, Brindis RG, Curtis LH, DeMets D, Guyton RA, Hochman JS, Kovacs RJ, Ohman EM, Pressler SJ, Sellke FW, Shen WK, Wann LS, Curtis AB, Ellenbogen KA, Estes NA 3rd, Ezekowitz MD, Jackman WM, January CT, Lowe JE, Page RL, Slotwiner DJ, Stevenson WG, Tracy CM, Fuster V, Rydén LE, Cannom DS, Crijns HJ, Curtis AB, Ellenbogen KA, Le Heuzey JY, Kay GN, Olsson SB, Prystowsky EN, Tamargo JL, Wann S. Management of patients with atrial fibrillation (compilation of 2006 ACCF/AHA/ESC and 2011 ACCF/AHA/HRS recommendations): a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. J Am Coll Cardiol. 2013 May 7;61(18):1935-44. doi: 10.1016/j.jacc.2013.02.001. Epub 2013 Apr 1. Review. No abstract available.

796. Kini AS, Baber U, Kovacic JC, Limaye A, Ali ZA, Sweeny J, Maehara A, Mehran R, Dangas G, Mintz GS, Fuster V, Narula J, Sharma SK, Moreno PR. Changes in plaque lipid content after short-term intensive versus standard statin therapy: the YELLOW trial (reduction in yellow plaque by aggressive lipid-lowering therapy).J Am Coll Cardiol. 2013 Jul 2;62(1):21-9. doi:

10.1016/j.jacc.2013.03.058. Epub 2013 May 1.

797. Hutter R, Speidl WS, Valdiviezo C, Sauter B, Corti R, Fuster V, Badimon JJ. Macrophages transmit potent proangiogenic effects of oxLDL in vitro and in vivo involving HIF-1α activation: a novel aspect of angiogenesis in atherosclerosis.J Cardiovasc Transl Res. 2013 Aug;6(4):558-69. doi: 10.1007/s12265-013-9469-9. Epub 2013 May 10.

798. Castellano JM, Vaishnava P, Castillo JG, Anyanwu AC, Fuster V. Coronary vasospasm attributable to fibromuscular dysplasia: the long bridge to transplant.Circ Heart Fail. 2013 May;6(3):e31-2. doi: 10.1161/CIRCHEARTFAILURE.112.000090. No abstract available.

799. Arias T, Chen J, Fayad ZA, Fuster V, Hajjar RJ, Chemaly ER. Comparison of echocardiographic measurements of left ventricular volumes to full volume magnetic resonance imaging in normal and diseased rats.J Am Soc Echocardiogr. 2013 Aug;26(8):910-8. doi: 10.1016/j.echo.2013.04.016. Epub 2013 May 23.

800. Peñalvo JL, Santos-Beneit G, Sotos-Prieto M, Martínez R, Rodríguez C, Franco M, López-Romero P, Pocock S, Redondo J, Fuster V. A cluster randomized trial to evaluate the efficacy of a school-based behavioral intervention for health promotion among children aged 3 to 5. BMC Public Health. 2013 Jul 15;13(1):656. doi: 10.1186/1471-2458-13-656.

801. Kahn MR, Robbins MJ, Kim MC, Fuster V. The role of fibrates in chronic kidney disease and diabetes mellitus.Nat Rev Cardiol. 2013 Sep;10(9):547. doi: 10.1038/nrcardio.2013.15-c2. Epub 2013 Jul 30. No abstract available.

802. Dangas GD, Maehara A, Evrard SM, Sartori S, Li JR, Chirumamilla AP, Nomura-Kitabayashi A, Gukathasan N, Hassanin A, Baber U, Fahy M, Fuster V, Mintz GS, Kovacic JC. Coronary artery calcification is inversely related to body morphology in patients with significant coronary artery disease: a three-dimensional intravascular ultrasound study.Eur Heart J Cardiovasc Imaging. 2014 Feb;15(2):201-9. doi: 10.1093/ehjci/jet139. Epub 2013 Jul 31.

803. Sanz J, Moreno PR, Fuster V. The year in atherothrombosis.J Am Coll Cardiol. 2013 Sep 24;62(13):1131-43. doi: 10.1016/j.jacc.2013.06.045. Epub 2013 Jul 31. Review. No abstract available.

804. Calcagno C, Ramachandran S, Izquierdo-Garcia D, Mani V, Millon A, Rosenbaum D, Tawakol A, Woodward M, Bucerius J, Moshier E, Godbold J, Kallend D, Farkouh ME, Fuster V, Rudd JH, Fayad ZA. The complementary roles of dynamic contrast-enhanced MRI and 18F-fluorodeoxyglucose PET/CT for imaging of carotid atherosclerosis.Eur J Nucl Med Mol Imaging. 2013 Dec;40(12):1884-93. doi: 10.1007/s00259-013-2518-4. Epub 2013 Aug 14.

805. García-Álvarez A, Fernández-Friera L, García-Ruiz JM, Nuño-Ayala M, Pereda D, Fernández-Jiménez R, Guzmán G, Sanchez-Quintana D, Alberich-Bayarri A, Pastor-Escuredo D, Sanz-Rosa D, García-Prieto J, Gonzalez-Mirelis JG, Pizarro G, Jimenez-Borreguero LJ, Fuster V, Sanz J, Ibáñez B. Noninvasive monitoring of serial changes in pulmonary vascular resistance and acute vasodilator testing using cardiac magnetic resonance.J Am Coll Cardiol. 2013 Oct 22;62(17):1621-31. doi: 10.1016/j.jacc.2013.07.037. Epub 2013 Aug 14.

806. Ibanez B, Macaya C, Sánchez-Brunete V, Pizarro G, Fernández-Friera L, Mateos A, Fernández-Ortiz A, García-Ruiz JM, García-Álvarez A, Iñiguez A, Jiménez-Borreguero J, López-Romero P, Fernández-Jiménez R, Goicolea J, Ruiz-Mateos B, Bastante T, Arias M, Iglesias-Vázquez JA, Rodriguez MD, Escalera N, Acebal C, Cabrera JA, Valenciano J, Pérez de Prado A, Fernández-Campos MJ, Casado I, García-Rubira JC, García-Prieto J, Sanz-Rosa D, Cuellas C, Hernández-Antolín R, Albarrán A, Fernández-Vázquez F, de la Torre-Hernández JM, Pocock S, Sanz G, Fuster V. Effect of early metoprolol on infarct size in ST-segment-elevation myocardial infarction patients undergoing primary percutaneous coronary intervention: the Effect of Metoprolol in Cardioprotection During an Acute Myocardial Infarction (METOCARD-CNIC) trial.Circulation. 2013 Oct 1;128(14):1495-503. doi: 10.1161/CIRCULATIONAHA.113.003653.

Epub 2013 Sep 3.

807. Hutter R, Huang L, Speidl WS, Giannarelli C, Trubin P, Bauriedel G, Klotman ME, Fuster V, Badimon JJ, Klotman PE. Novel small leucine-rich repeat protein podocan is a negative regulator of migration and proliferation of smooth muscle cells, modulates neointima formation, and is expressed in human atheroma.Circulation. 2013 Nov 26;128(22):2351-63. doi: 10.1161/CIRCULATIONAHA.113.004634. Epub 2013 Sep 16.

808. Sanz G, Fuster V. Prevention: Polypills for cardiovascular prevention: a step forward? Nat Rev Cardiol. 2013 Dec;10(12):683-4. doi: 10.1038/nrcardio.2013.157. Epub 2013 Oct 8.

809. Allijn IE, Leong W, Tang J, Gianella A, Mieszawska AJ, Fay F, Ma G, Russell S, Callo CB, Gordon RE, Korkmaz E, Post JA, Zhao Y, Gerritsen HC, Thran A, Proksa R, Daerr H, Storm G, Fuster V, Fisher EA, Fayad ZA, Mulder WJ, Cormode DP. Gold nanocrystal labeling allows low-density lipoprotein imaging from the subcellular to macroscopic level.ACS Nano. 2013 Nov 26;7(11):9761-70. doi: 0.1021/nn403258w. Epub 2013 Oct 17.

810. Abdallah MS, Wang K, Magnuson EA, Spertus JA, Farkouh ME, Fuster V, Cohen DJ; FREEDOM Trial Investigators. Quality of life after PCI vs CABG among patients with diabetes and multivessel coronary artery disease: a randomized clinical trial.JAMA. 2013 Oct 16;310(15):1581-90. doi: 10.1001/jama.2013.279208.

811. Duivenvoorden R, Mani V, Woodward M, Kallend D, Suchankova G, Fuster V, Rudd JH, Tawakol A, Farkouh ME, Fayad ZA. Relationship of serum inflammatory biomarkers with plaque inflammation assessed by FDG PET/CT: the dal-PLAQUE study.JACC Cardiovasc Imaging. 2013 Oct;6(10):1087-94. doi: 10.1016/j.jcmg.2013.03.009.

812. Elmariah S, Budoff MJ, Delaney JA, Hamirani Y, Eng J, Fuster V, Kronmal RA, Halperin JL, O'Brien KD. Risk factors associated with the incidence and progression of mitral annulus calcification: the multi-ethnic study of atherosclerosis.Am Heart J. 2013 Nov;166(5):904-12. doi: 10.1016/j.ahj.2013.08.015. Epub 2013 Sep 26.

813. Céspedes J, Briceño G, Farkouh ME, Vedanthan R, Baxter J, Leal M, Boffetta P, Hunn M, Dennis R, Fuster V. Promotion of cardiovascular health in preschool children: 36-month cohort follow-up.Am J Med. 2013 Dec;126(12):1122-6. doi: 10.1016/j.amjmed.2013.06.021.

814. Arbustini E, Narula N, Dec GW, Reddy KS, Greenberg B, Kushwaha S, Marwick T, Pinney S, Bellazzi R, Favalli V, Kramer C, Roberts R, Zoghbi WA, Bonow R, Tavazzi L, Fuster V, Narula The MOGE(S) classification for a phenotype-genotype nomenclature of cardiomyopathy: endorsed by the World Heart Federation.J.J Am Coll Cardiol. 2013 Dec 3;62(22):2046-72. doi: 10.1016/j.jacc.2013.08.1644. Epub 2013 Nov 18. No abstract available. Erratum in: J Am Coll Cardiol. 2014 Jan 21;63(2):191-4.

815. Fernández-Ortiz A, Jiménez-Borreguero LJ, Peñalvo JL, Ordovás JM, Mocoroa A, Fernández-Friera L, Laclaustra M, García L, Molina J, Mendiguren JM, López-Melgar B, de Vega VM, Alonso-Farto JC, Guallar E, Sillesen H, Rudd JH, Fayad ZA, Ibañez B, Sanz G, Fuster V. The Progression and Early detection of Subclinical Atherosclerosis (PESA) study: rationale and design.Am Heart J. 2013 Dec;166(6):990-8. doi: 10.1016/j.ahj.2013.08.024. Epub 2013 Oct 10.

816. Bucerius J, Mani V, Moncrieff C, Machac J, Fuster V, Farkouh ME, Tawakol A, Rudd JH, Fayad ZA. Optimizing 18F-FDG PET/CT imaging of vessel wall inflammation: the impact of 18F-FDG circulation time, injected dose, uptake parameters, and fasting blood glucose levels.Eur J Nucl Med Mol Imaging. 2014 Feb;41(2):369-83. doi: 10.1007/s00259-013-2569-6. Epub 2013 Nov 23.

817. Peñalvo JL, Sotos-Prieto M, Santos-Beneit G, Pocock S, Redondo J, Fuster V. The Program SI! intervention for enhancing a healthy lifestyle in preschoolers: first results from a cluster randomized trial.BMC Public Health. 2013 Dec 20;13:1208. doi: 10.1186/1471-2458-13-1208.

818. Bujak R, García-Álvarez A, Rupérez FJ, Nuño-Ayala M, García A, Ruiz-Cabello J, Fuster V,

Ibáñez B, Barbas C. Metabolomics reveals metabolite changes in acute pulmonary embolism.J Proteome Res. 2014 Feb 7;13(2):805-16. doi: 10.1021/pr400872j. Epub 2014 Jan 8.

819. Hulot JS, Stillitano F, Salem JE, Kovacic JC, Fuster V, Hajjar RJ. Considerations for pre-clinical models and clinical trials of pluripotent stem cell-derived cardiomyocytes.Stem Cell Res Ther. 2014 Jan 9;5(1):1. [Epub ahead of print]

820. Tahara N, Mukherjee J, de Haas HJ, Petrov AD, Tawakol A, Haider N, Tahara A, Constantinescu CC, Zhou J, Boersma HH, Imaizumi T, Nakano M, Finn A, Fayad Z, Virmani R, Fuster V, Bosca L, Narula J. 2-deoxy-2-[18F]fluoro-D-mannose positron emission tomography imaging in atherosclerosis.Nat Med. 2014 Feb;20(2):215-9. doi: 10.1038/nm.3437. Epub 2014 Jan 12.

821. Mirelis JG, Paetsch I, Jahnke C, Ibañez B, Fleck E, Alonso-Pulpon LA, Fuster V, Gebker R. Impact of diastolic wall stress on the diagnostic value of visually interpreted dobutamine stress MR imaging.Int J Cardiol. 2014 Mar 1;172(1):e39-42. doi: 10.1016/j.ijcard.2013.12.085. Epub 2014 Jan 4. No abstract available.

822. Bucerius J, Mani V, Wong S, Moncrieff C, Izquierdo-Garcia D, Machac J, Fuster V, Farkouh ME, Rudd JH, Fayad ZA. Arterial and fat tissue inflammation are highly correlated: a prospective 18F-FDG PET/CT study.Eur J Nucl Med Mol Imaging. 2014 May;41(5):934-45. doi: 10.1007/s00259-013-2653-y. Epub 2014 Jan 18.

823. Duivenvoorden R, Tang J, Cormode DP, Mieszawska AJ, Izquierdo-Garcia D, Ozcan C, Otten MJ, Zaidi N, Lobatto ME, van Rijs SM, Priem B, Kuan EL, Martel C, Hewing B, Sager H, Nahrendorf M, Randolph GJ, Stroes ES, Fuster V, Fisher EA, Fayad ZA, Mulder WJ. A statin-loaded reconstituted high-density lipoprotein nanoparticle inhibits atherosclerotic plaque inflammation.Nat Commun. 2014;5:3065. doi: 10.1038/ncomms4065. Erratum in: Nat Commun. 2014;5:3531.

824. Viles-Gonzalez JF, Enriquez AD, Castillo JG, Coffey JO, Pastori L, Reddy VY, Adams DH, Fuster V. Incidence, predictors, and evolution of conduction disorders and atrial arrhythmias after contemporary mitral valve repair.Cardiol J. 2014 Mar 27. doi: 10.5603/CJ.a2014.0016. [Epub ahead of print]

825. de Haas HJ, Arbustini E, Fuster V, Kramer CM, Narula J. Molecular imaging of the cardiac extracellular matrix.Circ Res. 2014 Feb 28;114(5):903-15. doi: 10.1161/CIRCRESAHA.113.302680. Review.

826. Kovacic JC, Castellano JM, Farkouh ME, Fuster V. The relationships between cardiovascular disease and diabetes: focus on pathogenesis.Endocrinol Metab Clin North Am. 2014 Mar;43(1):41-57. doi: 10.1016/j.ecl.2013.09.007.

827. Izquierdo-Garcia D, Sawiak SJ, Knesaurek K, Narula J, Fuster V, Machac J, Fayad ZA. Comparison of MR-based attenuation correction and CT-based attenuation correction of whole-body PET/MR imaging.Eur J Nucl Med Mol Imaging. 2014 Mar 21. [Epub ahead of print]

828. Arbustini E, Narula N, Dec GW, Reddy KS, Greenberg B, Kushwaha S, Marwick T, Pinney S, Bellazzi R, Favalli V, Kramer C, Roberts R, Zoghbi WA, Bonow R, Tavazzi L, Fuster V, Narula MOGE(S) nosology in low-to-middle-income countries.J. Nat Rev Cardiol. 2014 May;11(5):307. doi: 10.1038/nrcardio.2013.219-c1. Epub 2014 Mar 25. No abstract available.

829. Dellegrottaglie S, García-Alvarez A, Guarini P, Perrone-Filardi P, Fuster V, Sanz J. Prevalence and severity of ventricular dysfunction in patients with HIV-related pulmonary arterial hypertension.Heart Lung. 2014 May-Jun;43(3):256-61. doi: 10.1016/j.hrtlng.2014.02.007. Epub 2014 Mar 27.

830. Pizarro G, Fernández-Friera L, Fuster V, Fernández-Jiménez R, García-Ruiz JM, García-Álvarez A, Mateos A, Barreiro MV, Escalera N, Rodriguez MD, de Miguel A, García-Lunar I, Parra-Fuertes JJ, Sánchez-González J, Pardillos L, Nieto B, Jiménez A, Abejón R, Bastante T, de Vega

VM, Cabrera JA, López-Melgar B, Guzman G, García-Prieto J, Mirelis JG, Zamorano JL, Albarrán A, Goicolea J, Escaned J, Pocock S, Iñiguez A, Fernández-Ortiz A, Sánchez-Brunete V, Macaya C, Ibanez B. Long term benefit of early pre-reperfusion metoprolol administration in patients with acute myocardial infarction: results from the METOCARD-CNIC trial.J Am Coll Cardiol. 2014 Mar 24. pii: S0735-1097(14)01682-9. doi: 10.1016/j.jacc.2014.03.014. [Epub ahead of print]

831. Sotos-Prieto M, Santos-Beneit G, Pocock S, Redondo J, Fuster V, Peñalvo JL. Parental and self-reported dietary and physical activity habits in pre-school children and their socio-economic determinants.Public Health Nutr. 2014 Apr 3:1-11. [Epub ahead of print]
832. Vedanthan R, Kamano JH, Horowitz CR, Ascheim D, Velazquez EJ, Kimaiyo S, Fuster V. Nurse management of hypertension in rural Western kenya: implementation research to optimize delivery.Ann Glob Health. 2014 Jan-Feb;80(1):5-12. doi: 10.1016/j.aogh.2013.12.002. Epub 2013 Dec 25.
833. Wiley B, Fuster V. The Concept of the Polypill in the Prevention of Cardiovascular Disease.
834. Ann Glob Health. 2014 January - February;80(1):24-34. doi: 10.1016/j.aogh.2013.12.008. Epub 2013 Dec 25. Review.
835. Vedanthan R, Kamano JH, Naanyu V, Delong AK, Were MC, Finkelstein EA, Menya D, Akwanalo CO, Bloomfield GS, Binanay CA, Velazquez EJ, Hogan JW, Horowitz CR, Inui TS, Kimaiyo S, Fuster V. Optimizing linkage and retention to hypertension care in rural Kenya (LARK hypertension study): study protocol for a randomized controlled trial.Trials. 2014 Apr 27;15(1):143. doi: 10.1186/1745-6215-15-143.
836. Arbustini E, Narula N, Dec GW, Reddy KS, Greenberg B, Kushwaha S, Marwick T, Pinney S, Bellazzi R, Favalli V, Kramer C, Roberts R, Zoghbi WA, Bonow R, Tavazzi L, Fuster V, Narula J. Reply: The MOGE(S) Classification for a Phenotype-Genotype Nomenclature of Cardiomyopathy: More Questions Than Answers?J Am Coll Cardiol. 2014 Jun 17;63(23):2584-6. doi: 10.1016/j.jacc.2014.03.028. Epub 2014 Apr 23. No abstract available.
837. Pereda D, García-Alvarez A, Sánchez-Quintana D, Nuño M, Fernández-Friera L, Fernández-Jiménez R, García-Ruíz JM, Sandoval E, Aguero J, Castellá M, Hajjar RJ, Fuster V, Ibáñez B. Swine Model of Chronic Postcapillary Pulmonary Hypertension with Right Ventricular Remodeling: Long-Term Characterization by Cardiac Catheterization, Magnetic Resonance, and Pathology.J Cardiovasc Transl Res. 2014 Apr 26. [Epub ahead of print]
838. Castellano JM, Sanz G, Fuster V. Evolution of the polypill concept and ongoing clinical trials. Can J Cardiol. 2014 May;30(5):520-6. doi: 10.1016/j.cjca.2014.02.016. Epub 2014 Feb 27. Review.
839. Shah N, Badheka AO, Grover PM, Patel NJ, Chothani A, Mehta K, Hoosien M, Singh V, Savani GT, Deshmukh A, Rathod A, Patel N, Panaich SS, Arora S, Schwartz C, Blisker M, Coffey JO, Mitrani RD, Fuster V, Viles-Gonzalez JF. Influence of left ventricular remodeling on atrial fibrillation recurrence and cardiovascular hospitalizations in patients undergoing rhythm-control therapy.Int J Cardiol. 2014 Jun 15;174(2):288-92. doi: 10.1016/j.ijcard.2014.04.011. Epub 2014 Apr 13.
840. Fuster V, Kovacic JC. Acute coronary syndromes: pathology, diagnosis, genetics, prevention, and treatment.Circ Res. 2014 Jun 6;114(12):1847-51. doi: 10.1161/CIRCRESAHA.114.302806. Epub 2014 May 13. No abstract available.
841. Castellano JM, Narula J, Castillo J, Fuster V. Promoting Cardiovascular Health Worldwide: Strategies, Challenges, and Opportunities.Rev Esp Cardiol. 2014 May 24. pii: S0300-8932(14)00174-2. doi: 10.1016/j.recesp.2014.01.024. [Epub ahead of print] English, Spanish.
842. Mohanty BD, Looser PM, Gokanapudy LR, Handa R, Mohanty S, Choi SS, Goldman ME, Fuster V, Halperin JL. Controversies regarding the new oral anticoagulants for stroke prevention

in patients with atrial fibrillation.Vasc Med. 2014 May 30;19(3):190-204. [Epub ahead of print] Review.

843. Vedanthan R, Seligman B, Fuster V. Global perspective on acute coronary syndrome: a burden on the young and poor.Circ Res. 2014 Jun 6;114(12):1959-75. doi: 10.1161/CIRCRESAHA.114.302782.

844. Shah N, Badheka AO, Grover PM, Patel NJ, Chothani A, Mehta K, Hoosien M, Singh V, Savani GT, Deshmukh A, Rathod A, Patel N, Panaich SS, Arora S, Schwartz C, Blisker M, Coffey JO, Mitrani RD, Fuster V, Viles-Gonzalez JF. Influence of left ventricular remodeling on atrial fibrillation recurrence and cardiovascular hospitalizations in patients undergoing rhythm-control therapy.Int J Cardiol. 2014 Jun 15;174(2):288-92. doi: 10.1016/j.ijcard.2014.04.011. Epub 2014 Apr 13.

845. Arbustini E, Narula N, Dec GW, Reddy KS, Greenberg B, Kushwaha S, Marwick T, Pinney S, Bellazzi R, Favalli V, Kramer C, Roberts R, Zoghbi WA, Bonow R, Tavazzi L, Fuster V, Narula Reply: The MOGE(S) Classification for a Phenotype-Genotype Nomenclature of Cardiomyopathy: More Questions Than Answers?J. J Am Coll Cardiol. 2014 Jun 17;63(23):2584-6. doi: 10.1016/j.jacc.2014.03.028. Epub 2014 Apr 23. No abstract available.

846. Mateos A, García-Lunar I, García-Ruiz JM, Pizarro G, Fernández-Jiménez R, Huertas P, García-Álvarez A, Fernández-Friera L, Bravo J, Flores-Arias J, Barreiro MV, Chayán-Zas L, Corral E, Fuster V, Sánchez-Brunete V, Ibáñez B. Efficacy and safety of out-of-hospital intravenous metoprolol administration in anterior ST-segment elevation acute myocardial infarction: insights from the METOCARD-CNIC trial. ; METOCARD-CNIC Investigators.

847. Fuster V, Halperin JL, Williams ES, Cho NR, Iobst WF, Mukherjee D, Vaishnava P COCATS 4 Task Force 1: Training in Ambulatory, Consultative, and Longitudinal Cardiovascular Care.. J Am Coll Cardiol. 2015 May 5;65(17):1734-53. doi: 10.1016/j.jacc. 2015.03.023. Epub 2015 Mar 13

848. Halperin JL, Williams ES, Fuster V.COCATS 4 Introduction. J Am Coll Cardiol. 2015 May 5;65(17):1724-33. doi: 10.1016/j.jacc.2015.03.020. Epub 2015 Mar 13.

849. Fuster V. Challenging inertia by taking risks: a motivating tool for editors, authors, and students. J Am Coll Cardiol. 2015 Mar 17;65(10):1051-2. doi: 10.1016/j.jacc. 2015.01.023

850. Pozo E, Álvarez-Acosta L, Alonso D, Pazos-Lopez P, de Siqueira ME, Jacobi A, Narula J, Fuster V, Sanz J. Diagnostic accuracy of coronary ct for the quantification of the syntax score in patients with left main and/or 3-vessel coronary disease. Comparison with invasive angiography. Int J Cardiol. 2015 Mar 1;182:549-56. doi: 10.1016/j.ijcard.2015.01.014. Epub 2015 Jan 6.

851. Fuster V. Building modern medical societies through watching and listening. J Am Coll Cardiol. 2015 Feb 24;65(7):749. doi: 10.1016/j.jacc.2015.01.032. No abstract available.

852. Fuster V. Editor-in-chief's picks from 2014: part two. J Am Coll Cardiol. 2015 Feb 24;65(7):701-37. doi: 10.1016/j.jacc.2014.12.022.

853. Fuster V Editor-in-Chief's Picks From 2014: Part One.. J Am Coll Cardiol. 2015 Feb 7;65(6):586-614. doi: 10.1016/j.jacc.2014.12.021. Review.

854. Pollack A, Mohanty BD, Handa R, Looser PM, Fuster V, King SB 3rd, Sharma SK. Preventive stenting in acute myocardial infarction.. JACC Cardiovasc Interv. 2015 Jan;8(1 Pt B):131-8. doi: 10.1016/j.jcin.2014.09.006. Epub 2014 Oct 31.

855. Vedanthan R, Blank E, Tuikong N, Kamano J, Misoi L, Tulienge D, Hutchinson C, Ascheim DD, Kimaiyo S, Fuster V,Usability and feasibility of a tablet-based Decision-Support and Integrated Record-keeping (DESIRE) tool in the nurse management of hypertension in rural western Kenya. Were MC. Int J Med Inform. 2015 Mar;84(3):207-19. doi: 10.1016/j.ijmedinf.2014.12.005. Epub 2015 Jan 7.

856 Fernández-Jiménez R, Silva J, Martínez-Martínez S, López-Maderuelo MD, Nuno-Ayala M,

García-Ruiz JM, García-Álvarez A, Fernández-Friera L, Pizarro TG, García-Prieto J, Sanz-Rosa D, López-Martin G, Fernández-Ortiz A, Macaya C, Fuster V, Redondo JM, Ibanez B. Impact of left ventricular hypertrophy on troponin release during acute myocardial infarction: new insights from a comprehensive translational study.. J Am Heart Assoc. 2015 Jan 21;4(1):e001218. doi: 10.1161/JAHA.114.001218.

857. Arbab-Zadeh A, Fuster V. The myth of the "vulnerable plaque": transitioning from a focus on individual lesions to atherosclerotic disease burden for coronary artery disease risk assessment. J Am Coll Cardiol. 2015 Mar 3;65(8):846-55.doi: 10.1016/j.jacc. 2014 .11.041. Epub 2015 Jan 16. Review.

858. Fuster V. A praise for reviewers: how do we reward them?. J Am Coll Cardiol. 2015 Jan 20;65(2):212-3. doi: 10.1016/j.jacc.2014.12.002. No abstract available.

860. García-Álvarez A, García-Lunar I, Pereda D, Fernández-Jimenez R, Sánchez-González J, Mirelis JG, Nuño-Ayala M, Sánchez-Quintana D, Fernández-Friera L, García-Ruiz JM, Pizarro G, Agüero J, Campelos P, Castellá M, Sabaté M, Fuster V, Sanz J, Ibañez B. Association of myocardial T1-mapping CMR with hemodynamics and RV performance in pulmonary hypertension. JACC Cardiovasc Imaging. 2015 Jan;8(1):76-82. doi: 10.1016/j.jcmg.2014.08.012. Epub 2014 Nov 1.

861. Agrawal PR, Scarabelli TM, Saravolatz L, Kini A, Jalota A, Chen-Scarabelli C, Fuster V, Halperin JL.Current Strategies in the Evaluation and Management of Cocaine-Induced Chest Pain. Cardiol Rev. 2015 Jan 9.

862. Santos-Beneit G, Sotos-Prieto M, Pocock S, Redondo J, Fuster V, Peñalvo JL.Association between anthropometry and high blood pressure in a representative sample of preschoolers in madrid. Rev Esp Cardiol (Engl Ed). 2015 Jun;68(6):477-84. doi: 10.1016/j.rec.2014.09.002. Epub 2014 Dec 6.

863. Fernández-Jiménez R, Sánchez-González J, Agüero J, García-Prieto J, López-Martín GJ, García-Ruiz JM, Molina-Iracheta A, Rosselló X, Fernández-Friera L, Pizarro G, García-Álvarez A, Dall'Armellina E, Macaya C, Choudhury RP, Fuster V, Ibáñez B.Myocardial edema after ischemia/reperfusion is not stable and follows a bimodal pattern: imaging and histological tissue characterization. J Am Coll Cardiol. 2015 Feb 3;65(4):315-23. doi: 10.1016/j.jacc.2014.11.004. Epub 2014 Nov 17.

864. Baber U, Mehran R, Sartori S, Schoos MM, Sillesen H, Muntendam P, Garcia MJ, Gregson J, Pocock S, Falk E, Fuster V. Prevalence, impact, and predictive value of detecting subclinical coronary and carotid atherosclerosis in asymptomatic adults: the BioImage study. J Am Coll Cardiol. 2015 Mar 24;65(11):1065-74. doi: 10.1016/j.jacc.2015.01.017.

865. Fuster V. Journalists and researchers: equal responsibility in protecting the public. J Am Coll Cardiol. 2015 Mar 31;65(12):1255-7. doi: 10.1016/j.jacc.2015.02.013. No abstract available.

866. Domanski MJ, Farkouh ME, Zak V, Feske S, Easton D, Weinberger J, Hamon M, Escobedo J, Shrader P, Siami FS, Fuster V. Predictors of stroke associated with coronary artery bypass grafting in patients with diabetes mellitus and multivessel coronary artery disease. Am J Cardiol. 2015 May 15;115(10):1382-8. doi: 10.1016/j.amjcard.2015.02.033. Epub 2015 Feb 19.

867. Cruz FM, Sanz-Rosa D, Roche-Molina M, García-Prieto J, García-Ruiz JM, Pizarro G, Jiménez-Borreguero LJ, Torres M, Bernad A, Ruíz-Cabello J, Fuster V, Ibáñez B, Bernal JA. Exercise triggers ARVC phenotype in mice expressing a disease-causing mutated version of human plakophilin-2. J Am Coll Cardiol. 2015 Apr 14;65(14):1438-50. doi: 10.1016/j.jacc.2015.01.045.

869. Sánchez-González J, Fernandez-Jiménez R, Nothnagel ND, López-Martín G, Fuster V, Ibañez B. Optimization of dual-saturation single bolus acquisition for quantitative cardiac perfusion and myocardial blood flow maps. J Cardiovasc Magn Reson. 2015 Feb 19;17:21. doi: 10.1186/s12968-015-0116-2.

870. Kovacic JC, Fuster V. Cell therapy for patients with acute myocardial infarction: ACCRUEd evidence to date. Circ Res. 2015 Apr 10;116(8):1287-90. doi: 10.1161/CIRCRESAHA.115.306323.
871. Goldfinger JZ, Halperin JL, Marin ML, Stewart AS, Eagle KA, Fuster V.Reply: therapeutic goals in patients with acute aortic dissection: management before surgery. J Am Coll Cardiol. 2015 Apr 21;65(15):1601-2. doi: 10.1016/j.jacc.2015.01.051. No abstract available.
872. Fernández-Friera L, Peñalvo JL, Fernández-Ortiz A, Ibañez B, López-Melgar B, Laclaustra M, Oliva B, Mocoroa A, Mendiguren J, Martínez de Vega V, García L, Molina J, Sánchez-González J, Guzmán G, Alonso-Farto JC, Guallar E, Civeira F, Sillesen H, Pocock S, Ordovás JM, Sanz G, Jiménez-Borreguero LJ, Fuster V. Prevalence, Vascular Distribution, and Multiterritorial Extent of Subclinical Atherosclerosis in a Middle-Aged Cohort: The PESA (Progression of Early Subclinical Atherosclerosis) Study. Circulation. 2015 Jun 16;131(24):2104-13. doi: 10.1161/CIRCULATIONAHA.114.014310. Epub 2015 Apr 16.
873. Friedman JI, Tang CY, Fayad ZA, Fuster V, Narula J. Reply: Asymptomatic cardiovascular risk assessment: the road less traveled. JACC Cardiovasc Imaging. 2015 Apr;8(4):498. doi: 10.1016/j.jcmg.2014.11.014. No abstract available.
874. Aguero J, Ishikawa K, Fish KM, Hammoudi N, Hadri L, Garcia-Alvarez A, Ibanez B, Fuster V, Hajjar RJ, Leopold JA. Combination proximal pulmonary artery coiling and distal embolization induces chronic elevations in pulmonary artery pressure in Swine. PLoS One. 2015 Apr 29;10(4):e0124526. doi: 10.1371/journal.pone.0124526. eCollection 2015.
875. Fuster V. Avoiding the Curse of the "Sorcerer's Apprentice": How to Attract and Develop Successful Academicians. J Am Coll Cardiol. 2015 May 12;65(18):2039-42. doi: 10.1016/j.jacc.2015.04.001. No abstract available.
876. Becerra V, Gracia A, Desai K, Abogunrin S, Brand S, Chapman R, García Alonso F, Fuster V, Sanz G. Cost-effectiveness and public health benefit of secondary cardiovascular disease prevention from improved adherence using a polypill in the UK.. BMJ Open. 2015 May 9;5(5):e007111. doi: 10.1136/bmjopen-2014-007111.
877. Garg VP, Vedanthan R, Islami F, Pourshams A, Poutschi H, Khademi H, Naeimi M, Fazel-Tabar Malekshah A, Jafari E, Salahi R, Kamangar F, Etemadi A, Pharoah PD, Abnet CC, Brennan P, Dawsey SM, Fuster V, Boffetta P, Malekzadeh R.Heart Disease Is Associated With Anthropometric Indices and Change in Body Size Perception Over the Life Course: The Golestan Cohort Study. Glob Heart. 2015 Mar 7. pii: S2211-8160(14)02662-3. doi: 10.1016/j.gheart.2014.10.004. [Epub ahead of print]
878. Fernández-Jiménez R, Fuster V, Ibáñez B Reply: myocardial edema should be stratified according to the state of cardiomyocytes within the ischemic region.. J Am Coll Cardiol. 2015 Jun 2;65(21):2356-7. doi: 10.1016/j.jacc.2015.02.070. No abstract available.
879. Fernández-Jiménez R, Fuster V, Ibáñez B. Reply: Myocardial Salvage, Area at Risk by T2w CMR: The Resolution of the Retrospective Radio Wave Paradigm? J Am Coll Cardiol. 2015 Jun 2;65(21):2358-9. doi: 10.1016/j.jacc.2015.02.071. No abstract available.
880. Fuster V.Industry Disclosures: More Reflective of Moral Integrity Than Rules. J Am Coll Cardiol. 2015 Jun 9;65(22):2457-8. doi: 10.1016/j.jacc.2015.04.027. No abstract available.
881. Arbab-Zadeh A, Fuster V. Reply: Atherosclerotic Burden: Complex Interplay of Anatomic, Physiologic, and Outcome Data. J Am Coll Cardiol. 2015 Jun 9;65(22):2467-8. doi: 10.1016/j.jacc.2015.02.073. No abstract available.
882. Fuster V Simplicity and Insightfulness: A Promise and its Results: JACC at 1 Year.. J Am Coll Cardiol. 2015 Jul 7;66(1):86-7. doi: 10.1016/j.jacc.2015.05.022. No abstract available.
883. Hirsh BJ, Smilowitz NR, Rosenson RS, Fuster V, Sperling LS Utilization of and Adherence to

Guideline-Recommended Lipid-Lowering Therapy After Acute Coronary Syndrome: Opportunities for Improvement. J Am Coll Cardiol. 2015 Jul 14;66(2):184-92. doi: 10.1016/j.jacc.2015.05.030.

884. Pollack A, Kontorovich AR, Fuster V, Dec GW Viral myocarditis-diagnosis, treatment options, and current controversies. Nat Rev Cardiol. 2015 Jul 21. doi: 10.1038/nrcardio.2015.108.

885. Fuster V, Zuluaga P, Colantonio SE, Román-Busto J, Regional differences in low birth weight in Spain: biological, demographic and socioeconomic variables. J Biosoc Sci. **2015** Jan;47(1):90-104. doi: 10.1017/S0021932014000030. Epub 2014 Feb 14.

886. Roche-Molina M, Sanz-Rosa D, Cruz FM, García-Prieto J, López S, Abia R, Muriana FJ, Fuster V, Ibáñez B, Bernal JA,Induction of sustained hypercholesterolemia by single adeno-associated virus-mediated gene transfer of mutant hPCSK9.Arterioscler Thromb Vasc Biol. 2015 Jan;35(1):50-9. doi: 10.1161/ATVBAHA.114.303617. Epub 2014 Oct 23.

887. Román-Busto J, Fuster V. Secular trends in the relationship between surnames in a population: Study of a border town. Homo. **2015** Apr;66(2):158-64. doi: 10.1016/j.jchb.2014.10.004. Epub **2015** Jan 21.

888. Fuster V. The Evolving Future of Cardiovascular Practice: Technology + Clinicians: A Means to a Better End. J Am Coll Cardiol. **2015** Jul 28;66(4):481-3. doi: 10.1016/j.jacc.**2015**.06.008. No abstract available.

889. Arbab-Zadeh A, Fuster V. Reply: Vulnerable Plaque: Absence of Evidence or Evidence of Absence. J Am Coll Cardiol. **2015** Aug 11;66(6):758-9. doi: 10.1016/j.jacc.**2015**.06.011. No abstract available.

890. Fernández-Jiménez R, García-Prieto J, Sánchez-González J, Agüero J, López-Martín GJ, Galán-Arriola C, Molina-Iracheta A, Doohan R, Fuster V, Ibáñez B. Pathophysiology Underlying the Bimodal Edema Phenomenon After Myocardial Ischemia/Reperfusion. J Am Coll Cardiol. 2015 Aug 18;66(7):816-28. doi: 10.1016/j.jacc.2015.06.023.

891. Fuster V. The Vulnerable Patient: Providing a Lens Into the Interconnected Diseases of the Heart and Brain. J Am Coll Cardiol. 2015 Sep 1;66(9):1077-8. doi: 10.1016/j.jacc.2015.07.019. No abstract available.

892. Fuster V. RESPONSE: Placing Value in Peer Mentorship. J Am Coll Cardiol. 2015 Jul 7;66(1):90. No abstract available.

893. Santos-Beneit G, Sotos-Prieto M, Bodega P, Rodríguez C, Orrit X, Pérez-Escoda N, Bisquerra R, Fuster V, Peñalvo JL. Development and validation of a questionnaire to evaluate lifestyle-related behaviors in elementary school children. BMC Public Health. 2015 Sep 16;15:901. doi: 10.1186/s12889-015-2248-6.

894. Peñalvo JL, Santos-Beneit G, Sotos-Prieto M, Bodega P, Oliva B, Orrit X, Rodríguez C, Fernández-Alvira JM, Redondo J, Vedanthan R, Bansilal S, Gómez E, Fuster V. The SI! Program for Cardiovascular Health Promotion in Early Childhood: A Cluster-Randomized Trial. J Am Coll Cardiol. 2015 Oct 6;66(14):1525-34.doi: 10.1016/j.jacc.2015.08.014.

895. Fuster V. Stratified Approach to Health: Integration of Science and Education at the Right Time for Each Individual. J Am Coll Cardiol. 2015 Oct 6;66(14):1627-9. doi: 10.1016/j.jacc.2015.08.039. No abstract available.

896. Mateo J, Benito M, España S, Sanz J, Jiménez-Borreguero J, Fuster V, Ruiz-Cabello J. Magnetic Resonance Imaging of the Atherosclerotic Mouse Aorta.Methods Mol Biol. 2015;1339:387-94. doi: 10.1007/978-1-4939-2929-0_29.

897. Valle-Caballero MJ, Fernández-Jiménez R, Díaz-Munoz R, Mateos A, Rodríguez-Álvarez M, Iglesias-Vázquez JA, Saborido C, Navarro C, Dominguez ML, Gorjón L, Fontoira JC, Fuster V,

García-Rubira JC, Ibanez B. QRS distortion in pre-reperfusion electrocardiogram is a bedside predictor of large myocardium at risk and infarct size (a METOCARD-CNIC trial substudy). Int J Cardiol. 2016 Jan 1;202:666-73. doi: 10.1016/j.ijcard.2015.09.117. Epub 2015 Sep 30.

898. Domanski MJ, Fuster V, Diaz-Mitoma F, Grundy S, Lloyd-Jones D, Mamdani M, Roberts R, Thorpe K, Hall J, Udell JA, Farkouh ME. Next Steps in Primary Prevention of Coronary Heart Disease: Rationale for and Design of the ECAD Trial. J Am Coll Cardiol. 2015 Oct 20;66(16):1828-36. doi: 10.1016/j.jacc.2015.08.857. Review.

899. Natarajan P, Kohli P, Baber U, Nguyen KD, Sartori S, Reilly DF, Mehran R, Muntendam P, Fuster V, Rader DJ, Kathiresan S. Association of APOC3 Loss-of-Function Mutations With Plasma Lipids and Subclinical Atherosclerosis: The Multi-Ethnic BioImage Study. J Am Coll Cardiol. 2015 Nov 3;66(18):2053-5. doi: 10.1016/j.jacc.2015.08.866. No abstract available.

900. Fernández-Jiménez R, Sánchez-González J, Aguero J, Del Trigo M, Galán-Arriola C, Fuster V, Ibáñez B. *Fast T2 gradient-spin-echo (T2-GraSE) mapping for myocardial edema quantification:first in vivo validation in a porcine model of ischemia/reperfusion.* J Cardiovasc Magn Reson. 2015 Nov 4;17:92. doi: 10.1186/s12968-015-0199-9.

901. Gómez E, Fernández-Alvira JM, Vilanova M, Haro D, Martínez R, Carvajal I, Carral V, Rodríguez C, de Miguel M, Bodega P, Santos-Beneit G, Peñalvo JL, Marina I, Pérez-Farinós N, DalRe M, Villar C, Robledo T, Vedanthan R, Bansilal S, Fuster V. *A Comprehensive Lifestyle Peer-Group-Based Intervention on Cardiovascular Risk Factors: The Randomized Controlled Fifty-Fifty Program.* J Am Coll Cardiol. 2015 Oct 30. pii: S0735-1097(15)07096-5. doi: 10.1016/j.jacc.2015.10.033. [Epub ahead of print]

902. Fuster V. *Further Investigating JACC's Vision of Simplicity: Understanding the Meaning Behind the Central Illustration.* J Am Coll Cardiol. 2015 Nov 17;66(20):2258-9. doi: 10.1016/j.jacc.2015.09.059. No abstract available.

903. Fuster V. *The Hazards of Physician Advertising.* J Am Coll Cardiol. 2015 Dec 8;66(22):2561-2. doi: 10.1016/j.jacc.2015.10.016. No abstract available.

904. Fuster V. *Unraveling the Complexities of Statistical Presentation: Why it Is Important.* J Am Coll Cardiol. 2015 Dec 29;66(25):2909-10. doi: 10.1016/j.jacc.2015.11.011. No abstract available.

905. Bansilal S, Castellano JM, Fuster V. *Global burden of CVD: focus on secondary prevention of cardiovascular disease.* Int J Cardiol. 2015 Dec;201 Suppl 1:S1-7. doi: 10.1016/S0167-5273(15)31026-3.

906. Tamargo J, Castellano JM, Fuster V. *The Fuster-CNIC-Ferrer Cardiovascular Polypill: a polypill for secondary cardiovascular prevention.* Int J Cardiol. 2015 Dec;201 Suppl 1:S15-22. doi: 10.1016/S0167-5273(15)31028-7.

907. Castellano JM, Bueno H, Fuster V. *The cardiovascular polypill: clinical data and ongoing studies.* Int J Cardiol. 2015 Dec;201 Suppl 1:S8-S14. doi: 10.1016/S0167-5273(15)31027-5.

908. Fuster V, Santos C. *Determinants of birth weight in Portugal: 1988 to 2011.* Anthropol Anz. 2015 Dec 31. doi: 10.1127/anthranz/2015/0541. [Epub ahead of print]

909. Fuster V. *Stethoscope's Prognosis: Very Much Alive and Very Necessary.* J Am Coll Cardiol. 2016 Jan 12. pii: S0735-1097(16)00117-0. doi: 10.1016/j.jacc.2016.01.005. [Epub ahead of print] No abstract available.

910. Clapham KR, Chu AY, Wessel J, Natarajan P, Flannick J, Rivas MA, Sartori S, Mehran R, Baber U, Fuster V, Scott RA, Rader DJ, Boehnke M, McCarthy MI, Altshuler DM, Kathiresan S, Peloso GM. *A null mutation in ANGPTL8 does not associate with either plasma glucose or type 2 diabetes in humans.* BMC Endocr Disord. 2016 Jan 28;16(1):7. doi: 10.1186/s12902-016-0088-8.

911. Santos-Gallego CG, Vahl TP, Goliasch G, Picatoste B, Arias T, Ishikawa K, Njerve IU, Sanz J, Narula J, Sengupta P, Hajjar RJ, Fuster V, Badimon JJ. *The Sphingosine 1-Phosphate Receptor Agonist Fingolimod Increases Myocardial Salvage and Decreases Adverse Post-Infarction Left Ventricular Remodeling in a Porcine Model of Ischemia-Reperfusion.* Circulation. 2016 Jan 29. pii: CIRCULATIONAHA.115.012427. [Epub ahead of print]
912. Fuster V. *Editor-in-Chief's Top Picks From 2015: Part One.* J Am Coll Cardiol. 2016 Feb 16;67(6):687-711. doi: 10.1016/j.jacc.2015.12.002.
913. Fuster V. Editor-in-Chief's Top Picks From 2015: Part Two. J Am Coll Cardiol. 2016 Feb 23;67(7):817-42. doi: 10.1016/j.jacc.2015.12.003.
914. Fuster V. *Pre-Publication in Medical Research: A Race to Open Pandora's Box?* J Am Coll Cardiol. 2016 Feb 23;67(7):883-4. doi: 10.1016/j.jacc.2016.01.001. No abstract available.
915. Yin X, Subramanian S, Willinger CM, Chen G, Juhasz P, Courchesne P, Chen BH, Li X, Hwang SJ, Fox CS, O'Donnell CJ, Muntendam P, Fuster V, Bobeldijk-Pastorova I, Sookoian SC, Pirola CJ, Gordon N, Adourian A, Larson MG, Levy D. *Metabolite Signatures of Metabolic Risk Factors and their Longitudinal Changes.* J Clin Endocrinol Metab. 2016 Feb 23:jc20152555. [Epub ahead of print]
916. Gómez-Pardo E, Fernández-Alvira JM, Vilanova M, Haro D, Martínez R, Carvajal I, Carral V, Rodríguez C, de Miguel M, Bodega P, Santos-Beneit G, Peñalvo JL, Marina I, Pérez-Farinós N, Dal Re M, Villar C, Robledo T, Vedanthan R, Bansilal S, Fuster V. *A Comprehensive Lifestyle Peer Group-Based Intervention on Cardiovascular Risk Factors: The Randomized Controlled Fifty-Fifty Program.* J Am Coll Cardiol. 2016 Feb 9;67(5):476-85. doi: 10.1016/j.jacc.2015.10.033. Epub 2015 Nov 9.
917. Roolvink V, Ibanez B, Ottervanger JP, Pizarro G, van Royen N, Mateos A, Dambrink JE, Escalera N, Lipsic E, Albarran A, Fernández-Ortiz A, Fernández-Avilés F, Goicolea J, Botas J, Remkes W, Hernandez-Jaras V, Kedhi E, Zamorano JL, Navarro F, Alfonso F, García-Lledó A, Alonso J, van Leeuwen M, Nijveldt R, Postma S, Kolkman E, Gosselink M, de Smet B, Rasoul S, Piek JJ, Fuster V, van 't Hof AW; EARLY BAMI investigators. *Early Administration of intravenous Beta blockers in patients with ST-elevation myocardial infarction before primary PCI.* J Am Coll Cardiol. 2016 Mar 29. pii: S0735-1097(16)32401-9. doi: 10.1016/j.jacc.2016.03.522. [Epub ahead of print]
918. Laclaustra M, Casasnovas JA, Fernández-Ortiz A, Fuster V, León-Latre M, Jiménez-Borreguero LJ, Pocovi M, Hurtado-Roca Y, Ordovas JM, Jarauta E, Guallar E, Ibañez B, Civeira F. *Femoral and Carotid Subclinical Atherosclerosis Association With Risk Factors and Coronary Calcium: The AWHS Study.* J Am Coll Cardiol. 2016 Mar 22;67(11):1263-74. doi: 10.1016/j.jacc.2015.12.056.
919. Santos-Gallego CG, Vahl TP, Goliasch G, Picatoste B, Arias T, Ishikawa K, Njerve IU, Sanz J, Narula J, Sengupta PP, Hajjar RJ, Fuster V, Badimon JJ. *Sphingosine-1-Phosphate Receptor Agonist Fingolimod Increases Myocardial Salvage and Decreases Adverse Postinfarction Left Ventricular Remodeling in a Porcine Model of Ischemia/Reperfusion.* Circulation. 2016 Mar 8;133(10):954-66. doi: 10.1161/CIRCULATIONAHA.115.012427. Epub 2016 Jan 29.
920. Fuster V. *The Stethoscope's Prognosis: Very Much Alive and Very Necessary.* J Am Coll Cardiol. 2016 Mar 8;67(9):1118-9. doi: 10.1016/j.jacc.2016.01.005. Epub 2016 Jan 15. No abstract available.
921. Naanyu V, Vedanthan R, Kamano JH, Rotich JK, Lagat KK, Kiptoo P, Kofler C, Mutai KK, Bloomfield GS, Menya D, Kimaiyo S, Fuster V, Horowitz CR, Inui TS. *Barriers Influencing Linkage to Hypertension Care in Kenya: Qualitative Analysis from the LARK Hypertension*

Study. J Gen Intern Med. 2016 Mar;31(3):304-14. doi: 10.1007/s11606-015-3566-1. Epub 2016 Jan 4.

922. Fuster V. *What Makes General Cardiovascular Education Courses Successful?* J Am Coll Cardiol. 2016 Apr 5;67(13):1651-2. doi: 10.1016/j.jacc.2016.02.019. No abstract available.

923. Fernández-Jiménez R, Fuster V, Ibanez B. *Reply: "Waves of Edema" Seem Implausible.* J Am Coll Cardiol. 2016 Apr 19;67(15):1869-70. doi: 10.1016/j.jacc.2016.01.052. No abstract available.

924. Vedanthan R, Bansilal S, Soto AV, Kovacic JC, Latina J, Jaslow R, Santana M, Gorga E, Kasarskis A, Hajjar R, Schadt EE, Björkegren JL, Fayad ZA, Fuster V. *Family-Based Approaches to Cardiovascular Health Promotion.* J Am Coll Cardiol. 2016 Apr 12;67(14):1725- 37. doi: 10.1016/j.jacc.2016.01.036. Review.

925. Yin X, Subramanian S, Willinger CM, Chen G, Juhasz P, Courchesne P, Chen BH, Li X, Hwang SJ, Fox CS, O'Donnell CJ, Muntendam P, Fuster V, Bobeldijk-Pastorova I, Sookoian SC, Pirola CJ, Gordon N, Adourian A, Larson MG, Levy D. *Metabolite Signatures of Metabolic Risk Factors and their Longitudinal Changes.* J Clin Endocrinol Metab. 2016 Apr;101(4):1779-89. doi: 10.1210/jc.2015-2555. Epub 2016 Feb 23.

926. Aguero J, Ishikawa K, Hadri L, Santos-Gallego CG, Fish KM, Kohlbrenner E, Hammoudi N, Kho C, Lee A, Ibáñez B, García-Alvarez A, Zsebo K, Maron BA, Plataki M, Fuster V, Leopold JA, Hajjar RJ. *Intratracheal Gene Delivery of SERCA2a Ameliorates Chronic Post-Capillary Pulmonary Hypertension: A Large Animal Model*. J Am Coll Cardiol. 2016 May 3;67(17):2032-46. doi: 10.1016/j.jacc.2016.02.049.

927. García-Ruiz JM, Fernández-Jiménez R, García-Alvarez A, Pizarro G, Galán-Arriola C, Fernández-Friera L, Mateos A, Nuno-Ayala M, Aguero J, Sánchez-González J, García-Prieto J, López-Melgar B, Martínez-Tenorio P, López-Martín GJ, Macías A, Pérez-Asenjo B, Cabrera JA, Fernández-Ortiz A, Fuster V, Ibáñez B. *Impact of the Timing of Metoprolol Administration During STEMI on Infarct Size and Ventricular Function.* J Am Coll Cardiol. 2016 May 10;67(18):2093-104. doi: 10.1016/j.jacc.2016.02.050. Epub 2016 Apr 3.

928. López-Melgar B, Fernández-Friera L, Sánchez-González J, Vilchez JP, Cecconi A, Mateo J, Peñalvo JL, Oliva B, García-Ruiz JM, Kauffman S, Jiménez-Borreguero LJ, Ruiz-Cabello J, Fernández-Ortiz A, Ibáñez B, Fuster V. *Accurate quantification of atherosclerotic plaque volume by 3D vascular ultrasound using the volumetric linear array method.* Atherosclerosis. 2016 May;248:230-7. doi: 10.1016/j.atherosclerosis.2016.03.002. Epub 2016 Mar 15.

929. Valle-Caballero MJ, Fernández-Jiménez R, Díaz-Munoz R, Mateos A, Rodríguez-Álvarez M, Iglesias-Vázquez JA, Saborido C, Navarro C, Dominguez ML, Gorjón L, Fontoira JC, Fuster V, García-Rubira JC, Ibanez B. *QRS distortion in pre-reperfusion electrocardiogram is a bedside predictor of large myocardium at risk and infarct size (a METOCARD-CNIC trial substudy).* Int J Cardiol. 2016 Jan 1;202:666-73. doi: 10.1016/j.ijcard.2015.09.117. Epub 2015 Sep 30.

930. Santos-Gallego CG, Vahl TP, Goliasch G, Picatoste B, Arias T, Ishikawa K, Njerve IU, Sanz J, Narula J, Sengupta PP, Hajjar RJ, Fuster V, Badimon JJ. Sphingosine-1-Phosphate Receptor Agonist Fingolimod Increases Myocardial Salvage and Decreases Adverse Postinfarction Left Ventricular Remodeling in a Porcine Model of Ischemia/Reperfusion. Circulation. 2016 Mar 8;133(10):954-66. doi: 10.1161/CIRCULATIONAHA.115.012427. Epub 2016 Jan 29.

931. Yin X, Subramanian S, Willinger CM, Chen G, Juhasz P, Courchesne P, Chen BH, Li X, Hwang SJ, Fox CS, O'Donnell CJ, Muntendam P, Fuster V, Bobeldijk-Pastorova I, Sookoian SC, Pirola CJ, Gordon N, Adourian A, Larson MG, Levy D.Metabolite Signatures of Metabolic Risk Factors and their Longitudinal Changes. J Clin Endocrinol Metab. 2016 Apr;101(4):1779-89. doi: 10.1210/jc.2015-2555. Epub 2016 Feb 23.

932. Laclaustra M, Casasnovas JA, Fernández-Ortiz A, Fuster V, León-Latre M, Jiménez-Borreguero LJ, Pocovi M, Hurtado-Roca Y, Ordovas JM, Jarauta E, Guallar E, Ibañez B, Civeira F. Femoral and Carotid Subclinical Atherosclerosis Association With Risk Factors and Coronary Calcium: The AWHS Study. J Am Coll Cardiol. 2016 Mar 22;67(11):1263-74. doi: 10.1016/j.jacc.2015.12.056.
933. Scott SA, Collet JP, Baber U, Yang Y, Peter I, Linderman M, Sload J, Qiao W, Kini AS, Sharma SK, Desnick RJ, Fuster V, Hajjar RJ, Montalescot G, Hulot JS. Exome Sequencing of Extreme Clopidogrel Response Phenotypes Identifies B4GALT2 as a Determinant of On-treatment Platelet Reactivity. Clin Pharmacol Ther. 2016 May 23. doi: 10.1002/cpt.401. [Epub ahead of print]
934. Fernández-Alvira JM, Fuster V, Dorado B, Soberón N, Flores I, Gallardo M, Pocock S, Blasco MA, Andrés V. Short Telomere Load, Telomere Length, and Subclinical Atherosclerosis: The PESA Study. J Am Coll Cardiol. 2016 May 31;67(21):2467-76. doi: 10.1016/j.jacc.2016.03.530.
935. Pérez-Medina C, Binderup T, Lobatto ME, Tang J, Calcagno C, Giesen L, Wessel CH, Witjes J, Ishino S, Baxter S, Zhao Y, Ramachandran S, Eldib M, Sánchez-Gaytán BL, Robson PM, Bini J, Granada JF, Fish KM, Stroes ES, Duivenvoorden R, Tsimikas S, Lewis JS, Reiner T, Fuster V, Kjær A, Fisher EA, Fayad ZA, Mulder WJ. In Vivo PET Imaging of HDL in Multiple Atherosclerosis Models. JACC Cardiovasc Imaging. 2016 May 13. pii: S1936-878X(16)30222-4. doi: 10.1016/j.jcmg.2016.01.020. [Epub ahead of print]
936. Laclaustra M, Casasnovas JA, Fernández-Ortiz A, Fuster V, León-Latre M, Jiménez-Borreguero LJ, Pocovi M, Hurtado-Roca Y, Ordovas JM, Jarauta E, Guallar E, Ibañez B, Civeira F. Femoral and Carotid Subclinical Atherosclerosis Association With Risk Factors and Coronary Calcium: The AWHS Study. J Am Coll Cardiol. 2016 Mar 22;67(11):1263-74. doi: accurate10.1016/j.jacc.2015.12.056.
937. Mitter SS, Vedanthan R, Islami F, Pourshams A, Khademi H, Kamangar F, Abnet CC, Dawsey SM, Pharoah PD, Brennan P, Fuster V, Boffetta P, Malekzadeh R. Household Fuel Use and Cardiovascular Disease Mortality: Golestan Cohort Study. Circulation. 2016 Jun 14;133(24):2360-9. doi: 10.1161/CIRCULATIONAHA.115.020288.
938. de Siqueira ME, Pozo E, Fernandes VR, Sengupta PP, Modesto K, Gupta SS, Barbeito-Caamaño C, Narula J, Fuster V, Caixeta A, Sanz J. Characterization and clinical significance of right ventricular mechanics in pulmonary hypertension evaluated with cardiovascular magnetic resonance feature tracking. J Cardiovasc Magn Reson. 2016 Jun 16;18(1):39. doi: 10.1186/s12968-016-0258-x.
939. García-Álvarez A, Pereda D, García-Lunar I, Sanz-Rosa D, Fernández-Jiménez R, García-Prieto J, Nuño-Ayala M, Sierra F, Santiago E, Sandoval E, Campelos P, Agüero J, Pizarro G, Peinado VI, Fernández-Friera L, García-Ruiz JM, Barberá JA, Castellá M, Sabaté M, Fuster V, Ibañez B. Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. Basic Res Cardiol. 2016 Jul;111(4):49. doi: 10.1007/s00395-016-0567-0. Epub 2016 Jun 21.
940. Fuster V. No Such Thing as Ideal Blood Pressure: A Case for Personalized Medicine. J Am Coll Cardiol. 2016 Jun 28;67(25):3014-5. doi: 10.1016/j.jacc.2016.05.005. No abstract available.
941. Evrard SM, Lecce L, Michelis KC, Nomura-Kitabayashi A, Pandey G, Purushothaman KR, d'Escamard V, Li JR, Hadri L, Fujitani K, Moreno PR, Benard L, Rimmele P, Cohain A, Mecham B, Randolph GJ, Nabel EG, Hajjar R, Fuster V, Boehm M, Kovacic JC. Endothelial to mesenchymal transition is common in atherosclerotic lesions and is associated with plaque instability. Nat Commun. 2016 Jun 24;7:11853. doi: 10.1038/ncomms11853.
942. Fuster V. Second Anniversary as JACC's Editor-in-Chief: Maintaining Focus Through

Simplicity and Insightfulness, With a Look Toward Advocacy.
J Am Coll Cardiol. 2016 Jul 5;68(1):126-7. doi: 10.1016/j.jacc.2016.05.022. No abstract available.

943. Abgral R, Dweck MR, Trivieri MG, Robson PM, Karakatsanis N, Mani V, Padilla M, Miller M, Lala A, Sanz J, Narula J, Fuster V, Contreras J, Kovacic JC, Fayad ZA. Clinical Utility of Combined FDG-PET/MR to Assess Myocardial Disease. JACC Cardiovasc Imaging. 2016 Jun 29. pii: S1936-878X(16)30259-5. doi: 10.1016/j.jcmg.2016.02.029. [Epub ahead of print] No abstract available.
944. Seligman B, Vedanthan R, Fuster V. Acute coronary syndromes in low- and middle-income countries: Moving forward. Int J Cardiol. 2016 Aug;217 Suppl:S10-2. doi: 10.1016/j.ijcard.2016.06.213. Epub 2016 Jun 27.
945. Calenda BW, Fuster V, Halperin JL, Granger CB. Stroke risk assessment in atrial fibrillation: risk factors and markers of atrial myopathy. Nat Rev Cardiol. 2016 Sep;13(9):549-59. doi: 10.1038/nrcardio.2016.106. Epub 2016 Jul 7. Review.
946. Vedanthan R, Tuikong N, Kofler C, Blank E, Kamano JH, Naanyu V, Kimaiyo S, Inui TS, Horowitz CR, Fuster V. Barriers and Facilitators to Nurse Management of Hypertension: A Qualitative Analysis from Western Kenya. Ethn Dis. 2016 Jul 21;26(3):315-22. doi: 10.18865/ed.26.3.315.
947. Barrios V, Kaskens L, Castellano JM, Cosin-Sales J, Ruiz JE, Zsolt I, Fuster V, Gracia A. Usefulness of a Cardiovascular Polypill in the Treatment of Secondary Prevention Patients in Spain: A Cost-effectiveness Study. Rev Esp Cardiol (Engl Ed). 2016 Jul 26. pii: S1885-5857(16)30151-7. doi: 10.1016/j.rec.2016.05.009. [Epub ahead of print] English, Spanish.
948. Bansilal S, Castellano JM, Garrido E, Wei HG, Freeman A, Spettell C, Garcia-Alonso F, Lizano I, Arnold RJ, Rajda J, Steinberg G, Fuster V. Assessing the Impact of Medication Adherence on Long-Term Cardiovascular Outcomes. J Am Coll Cardiol. 2016 Aug 23;68(8):789-801. doi: 10.1016/j.jacc.2016.06.005.
949. Peñalvo JL, Fernández-Friera L, López-Melgar B, Uzhova I, Oliva B, Fernández-Alvira JM, Laclaustra M, Pocock S, Mocoroa A, Mendiguren JM, Sanz G, Guallar E, Bansilal S, Vedanthan R, Jiménez-Borreguero LJ, Ibañez B, Ordovás JM, Fernández-Ortiz A, Bueno H, Fuster V. Association Between a Social-Business Eating Pattern and Early Asymptomatic Atherosclerosis. J Am Coll Cardiol. 2016 Aug 23;68(8):805-14. doi: 10.1016/j.jacc.2016.05.080.
950. Unlikely Allies: Partnering With the Food Industry to Fight the Obesity Epidemic. Fuster V. J Am Coll Cardiol. 2016 Aug 23;68(8):871-3. doi: 10.1016/j.jacc.2016.07.712. No abstract available.
951. Mortensen MB, Fuster V, Muntendam P, Mehran R, Baber U, Sartori S, Falk E. A Simple Disease-Guided Approach to Personalize ACC/AHA-Recommended Statin Allocation in Elderly People: The BioImage Study. J Am Coll Cardiol. 2016 Aug 30;68(9):881-91. doi: 10.1016/j.jacc.2016.05.084.
952. Baber U, Farkouh ME, Arbel Y, Muntner P, Dangas G, Mack MJ, Hamza TH, Mehran R, Fuster V. Comparative efficacy of coronary artery bypass surgery vs. percutaneous coronary intervention in patients with diabetes and multivessel coronary artery disease with or without chronic kidney disease. Eur Heart J. 2016 Aug 29. pii: ehw378. [Epub ahead of print]
953. Mancini GB, Farkouh ME, Brooks MM, Chaitman BR, Boden WE, Vlachos H, Hartigan PM, Siami FS, Sidhu MS, Bittner V, Frye R, Fuster V. Medical Treatment and Revascularization Options in Patients With Type 2 Diabetes and Coronary Disease. J Am Coll Cardiol. 2016 Sep 6;68(10):985-95. doi: 10.1016/j.jacc.2016.06.021.
954. Fernández-Friera L, García-Ruiz JM, García-Álvarez A, Fernández-Jiménez R, Sánchez-González J, Rossello X, Gómez-Talavera S, López-Martín GJ, Pizarro G, Fuster V, Ibáñez B.

Accuracy of Area at Risk Quantification by Cardiac Magnetic Resonance According to the Myocardial Infarction Territory. Rev Esp Cardiol (Engl Ed). 2016 Aug 31. pii: S1885-5857(16)30213-4. doi: 10.1016/j.rec.2016.07.004. [Epub ahead of print] English, Spanish.

955. Pereda D, García-Lunar I, Sierra F, Sánchez-Quintana D, Santiago E, Ballesteros C, Encalada JF, Sánchez-González J, Fuster V, Ibáñez B, García-Álvarez A. Magnetic Resonance Characterization of Cardiac Adaptation and Myocardial Fibrosis in Pulmonary Hypertension Secondary to Systemic-To-Pulmonary Shunt. Circ Cardiovasc Imaging. 2016 Sep;9(9). pii: e004566. doi: 10.1161/CIRCIMAGING.116.004566.

956. Domanski M, Farkouh ME, Zak V, French J, Alexander JH, Bochenek A, Hamon M, Mahaffey K, Puskas J, Smith P, Shrader P, Fuster V. Relation of Post-Coronary Artery Bypass Graft Creatine Kinase-MB Elevations and New Q Waves With Long-Term Cardiovascular Death in Patients With Diabetes Mellitus and Multivessel Coronary Artery Disease. Am J Cardiol. 2016 Aug 30. pii: S0002-9149(16)31432-1. doi: 10.1016/j.amjcard.2016.08.041. [Epub ahead of print]

957. Fuster V. Cultural Third World War: How Economic Disparity Adversely Affects Health. J Am Coll Cardiol. 2016 Oct 26. pii: S0735-1097(16)36497-X. doi: 10.1016/j.jacc.2016.10.004. [Epub ahead of print] No abstract available.

958. Singh M, Bhatt DL, Stone GW, Rihal CS, Gersh BJ, Lennon RJ, Narula J, Fuster V. Antithrombotic Approaches in Acute Coronary Syndromes: Optimizing Benefit vs Bleeding Risks. Mayo Clin Proc. 2016 Oct;91(10):1413-1447. doi: 10.1016/j.mayocp.2016.06.013. Review.

959. Fuster V, Ibáñez B, Andrés V. The CNIC: A Successful Vision in Cardiovascular Research. Circ Res. 2016 Sep 16;119(7):785-9. doi: 10.1161/CIRCRESAHA.116.309477. No abstract available.

960. Pereda D, García-Lunar I, Sierra F, Sánchez-Quintana D, Santiago E, Ballesteros C, Encalada JF, Sánchez-González J, Fuster V, Ibáñez B, García-Álvarez A. Magnetic Resonance Characterization of Cardiac Adaptation and Myocardial Fibrosis in Pulmonary Hypertension Secondary to Systemic-To-Pulmonary Shunt. Circ Cardiovasc Imaging. 2016 Sep;9(9). pii: e004566. doi: 10.1161/CIRCIMAGING.116.004566.

961. Mortensen MB, Fuster V, Muntendam P, Mehran R, Baber U, Sartori S, Falk E. A Simple Disease-Guided Approach to Personalize ACC/AHA-Recommended Statin Allocation in Elderly People: The BioImage Study. J Am Coll Cardiol. 2016 Aug 30;68(9):881-91. doi: 10.1016/j.jacc.2016.05.084.

962. Agarwal SK, Norby FL, Whitsel EA, Soliman EZ, Chen LY, Loehr LR, Fuster V, Heiss G, Coresh J, Alonso A. Cardiac Autonomic Dysfunction and Incidence of Atrial Fibrillation: Results From 20 Years Follow-Up. J Am Coll Cardiol. 2017 Jan 24;69(3):291-299. doi: 10.1016/j.jacc.2016.10.059.

963. van Diepen S, Fuster V, Verma S, Hamza TH, Siami FS, Goodman SG, Farkouh ME. Dual Antiplatelet Therapy Versus Aspirin Monotherapy in Diabetics With Multivessel Disease Undergoing CABG: FREEDOM Insights. J Am Coll Cardiol. 2017 Jan 17;69(2):119-127. doi: 10.1016/j.jacc.2016.10.043.

964. Emdin CA, Khera AV, Natarajan P, Klarin D, Baber U, Mehran R, Rader DJ, Fuster V, Kathiresan S. Evaluation of the Pooled Cohort Equations for Prediction of Cardiovascular Risk in a Contemporary Prospective Cohort. Am J Cardiol. 2017 Mar 15;119(6):881-885. doi: 10.1016/j.amjcard.2016.11.042. Epub 2016 Dec 18.

965. Fuster V. A Devotion to Never Feeling Satisfied: New JACC Content Avenues. J Am Coll Cardiol. 2017 Jan 3;69(1):102-103. doi: 10.1016/j.jacc.2016.11.025. No abstract available.

966. Hurtado-Roca Y, Bueno H, Fernandez-Ortiz A, Ordovas JM, Ibañez B, Fuster V, Rodriguez-Artalejo F, Laclaustra M., Oxidized LDL Is Associated With Metabolic Syndrome Traits

Independently of Central Obesity and Insulin Resistance. Diabetes. 2017 Feb;66(2):474-482. doi: 10.2337/db16-0933.

967. Trivieri MG, Dweck MR, Abgral R, Robson PM, Karakatsanis NA, Lala A, Contreras J, Sahni G, Gopalan R, Gorevic P, Fuster V, Narula J, Fayad ZA. $_{18}$F-Sodium Fluoride PET/MR for the Assessment of Cardiac Amyloidosis. J Am Coll Cardiol. 2016 Dec 20;68(24):2712-2714. doi: 10.1016/j.jacc.2016.09.953. No abstract available.

968. Khera AV, Emdin CA, Drake I, Natarajan P, Bick AG, Cook NR, Chasman DI, Baber U, Mehran R, Rader DJ, Fuster V, Boerwinkle E, Melander O, Orho-Melander M, Ridker PM, Kathiresan S. Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. N Engl J Med. 2016 Dec 15;375(24):2349-2358.

969. J, Bansilal S, Vedanthan R, Fuster V. Little Beacons of Change: Targeting Preschool Children to Drive a Culture of Health. Glob Heart. 2016 Dec;11(4):467-468. doi: 10.1016/j.gheart.2016.10.023. No abstract available.

970. Ralston J, Reddy KS, Fuster V, Narula J. Cardiovascular Diseases on the Global Agenda: The United Nations High Level Meeting, Sustainable Development Goals, and the Way Forward. Glob Heart. 2016 Dec;11(4):375-379. doi: 10.1016/j.gheart.2016.10.029. Review.

971. Arbab-Zadeh A, Fuster V. The Risk Continuum of Atherosclerosis and its Implications for Defining CHD by Coronary Angiography. J Am Coll Cardiol. 2016 Dec 6;68(22):2467-2478. doi: 10.1016/j.jacc.2016.08.069. Review.

972. Sala-Vila A, Fernández-Jiménez R, Pizarro G, Calvo C, García-Ruiz JM, Fernández-Friera L, Rodriguez MD, Escalera N, Palazuelos J, Macías A, Pérez-Asenjo B, Fernández-Ortiz A, Ros E, Fuster V, Ibáñez B. Nutritional preconditioning by marine omega-3 fatty acids in patients with ST-segment elevation myocardial infarction: A METOCARD-CNIC trial substudy. Int J Cardiol. 2017 Feb 1;228:828-833. doi: 10.1016/j.ijcard.2016.11.214. No abstract available.

973. Vedanthan R, Bernabe-Ortiz A, Herasme OI, Joshi R, Lopez-Jaramillo P, Thrift AG, Webster J, Webster R, Yeates K, Gyamfi J, Ieremia M, Johnson C, Kamano JH, Lazo-Porras M, Limbani F, Liu P, McCready T, Miranda JJ, Mohan S, Ogedegbe O, Oldenburg B, Ovbiagele B, Owolabi M, Peiris D, Ponce-Lucero V, Praveen D, Pillay A, Schwalm JD, Tobe SW, Trieu K, Yusoff K, Fuster V. Innovative Approaches to Hypertension Control in Low- and Middle-Income Countries. Cardiol Clin. 2017 Feb;35(1):99-115. doi: 10.1016/j.ccl.2016.08.010. Review.

974. Natarajan P, Bis JC, Bielak LF, Cox AJ, Dörr M, Feitosa MF, Franceschini N, Guo X, Hwang SJ, Isaacs A, Jhun MA, Kavousi M, Li-Gao R, Lyytikäinen LP, Marioni RE, Schminke U, Stitziel NO, Tada H, van Setten J, Smith AV, Vojinovic D, Yanek LR, Yao J, Yerges-Armstrong LM, Amin N, Baber U, Borecki IB, Carr JJ, Chen YI, Cupples LA, de Jong PA, de Koning H, de Vos BD, Demirkan A, Fuster V, Franco OH, Goodarzi MO, Harris TB, Heckbert SR, Heiss G, Hoffmann U, Hofman A, Išgum I, Jukema JW, Kähönen M, Kardia SL, Kral BG, Launer LJ, Massaro J, Mehran R, Mitchell BD, Mosley TH Jr, de Mutsert R, Newman AB, Nguyen KD, North KE, O'Connell JR, Oudkerk M, Pankow JS, Peloso GM, Post W, Province MA, Raffield LM, Raitakari OT, Reilly DF, Rivadeneira F, Rosendaal F, Sartori S, Taylor KD, Teumer A, Trompet S, Turner ST, Uitterlinden AG, Vaidya D, van der Lugt A, Völker U, Wardlaw JM, Wassel CL, Weiss S, Wojczynski MK, Becker DM, Becker LC, Boerwinkle E, Bowden DW, Deary IJ, Dehghan A, Felix SB, Gudnason V, Lehtimäki T, Mathias R, Mook-Kanamori DO, Psaty BM, Rader DJ, Rotter JI, Wilson JG, van Duijn CM, Völzke H, Kathiresan S, Peyser PA, O'Donnell CJ; *CHARGE Consortium.. Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis.* Circ Cardiovasc Genet. 2016 Dec;9(6):511-520. doi: 10.1161/CIRCGENETICS.116.001572.

975. Fuster V. Biodemographic Analysis of Factors Related to Perinatal Mortality in Portugal (1988-2011). Int J Pediatr. 2016;2016:6123065.

976. Domanski M, Farkouh ME, Zak V, French J, Alexander JH, Bochenek A, Hamon M, Mahaffey K, Puskas J, Smith P, Shrader P, Fuster V. Relation of Post-Coronary Artery Bypass Graft Creatine Kinase-MB Elevations and New Q Waves With Long-Term Cardiovascular Death in Patients With Diabetes Mellitus and Multivessel Coronary Artery Disease. Am J Cardiol. 2016 Dec 1;118(11):1655-1660. doi: 10.1016/j.amjcard.2016.08.041.
977. Singh M, Bhatt DL, Stone GW, Rihal CS, Gersh BJ, Lennon RJ, Narula J, Fuster V. Antithrombotic Approaches in Acute Coronary Syndromes: Optimizing Benefit vs Bleeding Risks. Mayo Clin Proc. 2016 Oct;91(10):1413-1447. doi: 10.1016/j.mayocp.2016.06.013. Review.
978. Pereda D, García-Lunar I, Sierra F, Sánchez-Quintana D, Santiago E, Ballesteros C, Encalada JF, Sánchez-González J, Fuster V, Ibáñez B, García-Álvarez A. Magnetic Resonance Characterization of Cardiac Adaptation and Myocardial Fibrosis in Pulmonary Hypertension Secondary to Systemic-To-Pulmonary Shunt. Circ Cardiovasc Imaging. 2016 Sep;9(9). pii: e004566. doi: 10.1161/CIRCIMAGING.116.004566.
979. Fernández-Friera L, García-Ruiz JM, García-Álvarez A, Fernández-Jiménez R, Sánchez-González J, Rossello X, Gómez-Talavera S, López-Martín GJ, Pizarro G, Fuster V, Ibáñez B. Accuracy of Area at Risk Quantification by Cardiac Magnetic Resonance According to the Myocardial Infarction Territory.Rev Esp Cardiol (Engl Ed). 2016 Aug 31. pii: S1885-5857(16)30213-4. doi: 10.1016/j.rec.2016.07.004. [Epub ahead of print] English, Spanish.
980. Barrios V, Kaskens L, Castellano JM, Cosin-Sales J, Ruiz JE, Zsolt I, Fuster V, Gracia A. Usefulness of a Cardiovascular Polypill in the Treatment of Secondary Prevention Patients in Spain: A Cost-effectiveness Study. Rev Esp Cardiol (Engl Ed). 2017 Jan;70(1):42-49. doi: 10.1016/j.rec.2016.05.009. English, Spanish.
981. Calenda BW, Fuster V, Halperin JL, Granger CB. Stroke risk assessment in atrial fibrillation: risk factors and markers of atrial myopathy. Nat Rev Cardiol. 2016 Sep;13(9):549-59. doi: 10.1038/nrcardio.2016.106. Review.
982. Abgral R, Dweck MR, Trivieri MG, Robson PM, Karakatsanis N, Mani V, Padilla M, Miller M, Lala A, Sanz J, Narula J, Fuster V, Contreras J, Kovacic JC, Fayad ZA. Clinical Utility of Combined FDG-PET/MR to Assess Myocardial Disease. JACC Cardiovasc Imaging. 2016 Jun 29. pii: S1936-878X(16)30259-5. doi: 10.1016/j.jcmg.2016.02.029. [Epub ahead of print] No abstract available.
983. Evrard SM, Lecce L, Michelis KC, Nomura-Kitabayashi A, Pandey G, Purushothaman KR, d'Escamard V, Li JR, Hadri L, Fujitani K, Moreno PR, Benard L, Rimmele P, Cohain A, Mecham B, Randolph GJ, Nabel EG, Hajjar R, Fuster V, Boehm M, Kovacic JC. Endothelial to mesenchymal transition is common in atherosclerotic lesions and is associated with plaque instability. Nat Commun. 2016 Jun 24;7:11853. doi: 10.1038/ncomms11853.
984. García-Álvarez A, Pereda D, García-Lunar I, Sanz-Rosa D, Fernández-Jiménez R, García-Prieto J, Nuño-Ayala M, Sierra F, Santiago E, Sandoval E, Campelos P, Agüero J, Pizarro G, Peinado VI, Fernández-Friera L, García-Ruiz JM, Barberá JA, Castellá M, Sabaté M, Fuster V, Ibañez B. Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. Basic Res Cardiol. 2016 Jul;111(4):49. doi: 10.1007/s00395-016-0567-0.
985. de Siqueira ME, Pozo E, Fernandes VR, Sengupta PP, Modesto K, Gupta SS, Barbeito-Caamaño C, Narula J, Fuster V, Caixeta A, Sanz J. Characterization and clinical significance of right ventricular mechanics in pulmonary hypertension evaluated with cardiovascular magnetic resonance feature tracking. J Cardiovasc Magn Reson. 2016 Jun 16;18(1):39. doi: 10.1186/s12968-016-0258-x.
986. Mitter SS, Vedanthan R, Islami F, Pourshams A, Khademi H, Kamangar F, Abnet CC, Dawsey

SM, Pharoah PD, Brennan P, Fuster V, Boffetta P, Malekzadeh R. Household Fuel Use and Cardiovascular Disease Mortality: Golestan Cohort Study. Circulation. 2016 Jun 14;133(24):2360-9. doi: 10.1161/CIRCULATIONAHA.115.020288.

987. Khera AV, Emdin CA, Drake I, Natarajan P, Bick AG, Cook NR, Chasman DI, Baber U, Mehran R, Rader DJ, Fuster V, Boerwinkle E, Melander O, Orho-Melander M, Ridker PM, Kathiresan S. Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. N Engl J Med. 2016 Dec 15;375(24):2349-2358.

988. Castellano JM, Sanz G, Peñalvo JL, Bansilal S, Fernández-Ortiz A, Alvarez L, Guzmán L, Linares JC, García F, D'Aniello F, Arnáiz JA, Varea S, Martínez F, Lorenzatti A, Imaz I, Sánchez-Gómez LM, Roncaglioni MC, Baviera M, Smith SC Jr, Taubert K, Pocock S, Brotons C, Farkouh ME, Fuster V. A polypill strategy to improve adherence: results from the FOCUS project. J Am Coll Cardiol. 2014 Nov 18-25;64(20):2071-82. doi: 10.1016/j.jacc.2014.08.021.

989. Ralston J, Reddy KS, Fuster V, Narula J. *Cardiovascular Diseases on the Global Agenda: The United Nations High Level Meeting, Sustainable Development Goals, and the Way Forward.* Glob Heart. 2016 Dec;11(4):375-379. doi: 10.1016/j.gheart.2016.10.029. Review.

990. van Diepen S, Fuster V, Verma S, Hamza TH, Siami FS, Goodman SG, Farkouh ME. *Dual Antiplatelet Therapy Versus Aspirin Monotherapy in Diabetics With Multivessel Disease Undergoing CABG: FREEDOM Insights.* J Am Coll Cardiol. 2017 Jan 17;69(2):119-127. doi: 10.1016/j.jacc.2016.10.043.

991. Robson PM, Dweck MR, Trivieri MG, Abgral R, Karakatsanis NA, Contreras J, Gidwani U, Narula JP, Fuster V, Kovacic JC, Fayad ZA. *Coronary Artery PET/MR Imaging: Feasibility, Limitations, and Solutions.* JACC Cardiovasc Imaging. 2017 Oct;10(10 Pt A):1103-1112. doi: 10.1016/j.jcmg.2016.09.029. Epub 2017 Jan 18.

992. Bansilal S, Fuster V. *Reply: Medication Adherence and Cardiovascular Outcomes.* J Am Coll Cardiol. 2017 Feb 7;69(5):599-600. doi: 10.1016/j.jacc.2016.10.074. No abstract available.

993. Fuster V, Gambús F, Patriciello A, Hamrin M, Grobbee DE. *The polypill approach - An innovative strategy to improve cardiovascular health in Europe*. BMC Pharmacol Toxicol. 2017 Feb 7;18(1):10. doi: 10.1186/s40360-016-0102-9.

994. García-Ruiz JM, Galán-Arriola C, Fernández-Jiménez R, Aguero J, Sánchez-González J, García-Alvarez A, Nuno-Ayala M, Dubé GP, Zafirelis Z, López-Martín GJ, Bernal JA, Lara-Pezzi E, Fuster V, Ibáñez B. *Bloodless reperfusion with the oxygen carrier HBOC-201 in acute myocardial infarction: a novel platform for cardioprotective probes delivery*. Basic Res Cardiol. 2017 Mar;112(2):17. doi: 10.1007/s00395-017-0605-6. Epub 2017 Feb 10.

995. Evrard SM, Lecce L, Michelis KC, Nomura-Kitabayashi A, Pandey G, Purushothaman KR, d'Escamard V, Li JR, Hadri L, Fujitani K, Moreno PR, Benard L, Rimmele P, Cohain A, Mecham B, Randolph GJ, Nabel EG, Hajjar R, Fuster V, Boehm M, Kovacic JC. *Corrigendum: Endothelial to mesenchymal transition is common in atherosclerotic lesions and is associated with plaque instability*. Nat Commun. 2017 Feb 16;8:14710. doi: 10.1038/ncomms14710. No abstract available.

996. Natarajan P, Young R, Stitziel NO, Padmanabhan S, Baber U, Mehran R, Sartori S, Fuster V, Reilly DF, Butterworth A, Rader DJ, Ford I, Sattar N, Kathiresan S. *Polygenic Risk Score Identifies Subgroup With Higher Burden of Atherosclerosis and Greater Relative Benefit From Statin Therapy in the Primary Prevention Setting*. Circulation. 2017 May 30;135(22):2091-2101. doi: 10.1161/CIRCULATIONAHA.116.024436. Epub 2017 Feb 21.

997. Coffeng JK, van der Ploeg HP, Castellano JM, Fernández-Alvira JM, Ibáñez B, García-Lunar I, van der Beek AJ, Fernández-Ortiz A, Mocoroa A, García-Leal L, Cárdenas E, Rojas C, Martínez-Castro MI, Santiago-Sacristán S, Fernández-Gallardo M, Mendiguren JM, Bansilal S, van Mechelen W, Fuster V. *A 30-month worksite-based lifestyle program to promote*

cardiovascular health in middle-aged bank employees: Design of the TANSNIP-PESA randomized controlled trial. Am Heart J. 2017 Feb;184:121-132. doi: 10.1016/j.ahj.2016.11.002. Epub 2016 Nov 10.

998. Fuster V. *Editor-in-Chief's Top Picks From 2016: Part One*. J Am Coll Cardiol. 2017 Feb 28;69(8):981-1009. doi: 10.1016/j.jacc.2017.01.004.
999. Fuster V. *Editor-in-Chief's Top Picks From 2016: Part Two*. J Am Coll Cardiol. 2017 Feb 28;69(8):1010-1042. doi: 10.1016/j.jacc.2017.01.005.
1000. Fuster V, Mann DL. *JACC: Basic to Translational Science: Adding the Arc of Discovery to the JACC Family*. J Am Coll Cardiol. 2017 Feb 28;69(8):1093-1094. doi: 10.1016/j.jacc.2017.01.011. No abstract available.
1001. Ragupathi L, Stribling J, Yakunina Y, Fuster V, McLaughlin MA, Vedanthan R. *Availability, Use, and Barriers to Cardiac Rehabilitation in LMIC*. Glob Heart. 2017 Mar 13. pii: S2211-8160(16)30730-X. doi: 10.1016/j.gheart.2016.09.004. [Epub ahead of print]
1002. Fuster V. *The Proliferation of Scoring Systems: Trying to Keep Our Heads Out of The Clouds.* J Am Coll Cardiol. 2017 Mar 28;69(12):1640-1641. doi: 10.1016/j.jacc.2017.02.017. No abstract available.
1003. Mirelis JG, Sánchez-González J, Zorio E, Ripoll-Vera T, Salguero-Bodes R, Filgueiras-Rama D, González-López E, Gallego-Delgado M, Fernández-Jiménez R, Soleto MJ, Núñez J, Pizarro G, Sanz J, Fuster V, García-Pavía P, Ibáñez B. *Myocardial Extracellular Volume Is not Associated With Malignant Ventricular Arrhythmias in High-risk Hypertrophic Cardiomyopathy.* Rev Esp Cardiol (Engl Ed). 2017 Mar 21. pii: S1885-5857(17)30087-7. doi: 10.1016/j.rec.2017.01.026. [Epub ahead of print] English, Spanish.
1004. García-Prieto J, Villena-Gutiérrez R, Gómez M, Bernardo E, Pun-García A, García-Lunar I, Crainiciuc G, Fernández-Jiménez R, Sreeramkumar V, Bourio-Martínez R, García-Ruiz JM, Del Valle AS, Sanz-Rosa D, Pizarro G, Fernández-Ortiz A, Hidalgo A, Fuster V, Ibanez B. *Neutrophil stunning by metoprolol reduces infarct size.* Nat Commun. 2017 Apr 18;8:14780. doi: 10.1038/ncomms14780.
1005. Bansilal S, Vedanthan R, Kovacic JC, Soto AV, Latina J, Björkegren JLM, Jaslow R, Santana M, Sartori S, Giannarelli C, Mani V, Hajjar R, Schadt E, Kasarskis A, Fayad ZA, Fuster V. *Rationale and Design of Family-Based Approach in a Minority Community Integrating Systems-Biology for Promotion of Health (FAMILIA).* Am Heart J. 2017 May;187:170-181. doi: 10.1016/j.ahj.2017.02.020. Epub 2017 Feb 22.
1006. van Diepen S, Fuster V, Verma S, Hamza TH, Siami FS, Goodman SG, Farkouh ME. *Dual Antiplatelet Therapy Versus Aspirin Monotherapy in Diabetics With Multivessel Disease Undergoing CABG: FREEDOM Insights.* J Am Coll Cardiol. 2017 Jan 17;69(2):119-127. doi: 10.1016/j.jacc.2016.10.043.
1007. Xing L, Higuma T, Wang Z, Aguirre AD, Mizuno K, Takano M, Dauerman HL, Park SJ, Jang Y, Kim CJ, Kim SJ, Choi SY, Itoh T, Uemura S, Lowe H, Walters DL, Barlis P, Lee S, Lerman A, Toma C, Tan JWC, Yamamoto E, Bryniarski K, Dai J, Zanchin T, Zhang S, Yu B, Lee H, Fujimoto J, Fuster V, Jang IK. *Clinical Significance of Lipid-Rich Plaque Detected by Optical Coherence Tomography: A 4-Year Follow-Up Study*. J Am Coll Cardiol. 2017 May 23;69(20):2502-2513. doi: 10.1016/j.jacc.2017.03.556.
1008. Fuster V. *Changing Our Dietary Habits: Empathizing With Sisyphus.* J Am Coll Cardiol. 2017 May 30;69(21):2665-2667. doi: 10.1016/j.jacc.2017.04.021. No abstract available.
1009. Fernández-Avilés F, Sanz-Ruiz R, Climent AM, Badimon L, Bolli R, Charron D, Fuster V, Janssens S, Kastrup J, Kim HS, Lüscher TF, Martin JF, Menasché P, Simari RD, Stone GW, Terzic A, Willerson JT, Wu JC; *TACTICS (Transnational Alliance for Regenerative Therapies in Cardiovascular Syndromes) Writing Group; Authors/Task Force Members. Chairpersons;*

Basic Research Subcommittee; Translational Research Subcommittee; Challenges of Cardiovascular Regenerative Medicine Subcommittee; Tissue Engineering Subcommittee; Delivery, Navigation, Tracking and Assessment Subcommittee; Clinical Trials Subcommittee; Regulatory and funding strategies subcommittee; Delivery, Navigation, Tracking and Assessment Subcommittee. Global position paper on cardiovascular regenerative medicine. Eur Heart J. 2017 Sep 1;38(33):2532-2546. doi: 10.1093/eurheartj/ehx248. No abstract available.

1010. Vedanthan R, Kamano JH, Lee H, Andama B, Bloomfield GS, DeLong AK, Edelman D, Finkelstein EA, Hogan JW, Horowitz CR, Manyara S, Menya D, Naanyu V, Pastakia SD, Valente TW, Wanyonyi CC, Fuster V. *Bridging Income Generation with Group Integrated Care for cardiovascular risk reduction: Rationale and design of the BIGPIC study*. Am Heart J. 2017 Jun;188:175-185. doi: 10.1016/j.ahj.2017.03.012. Epub 2017 Mar 23.
1011. Fernández-Jiménez R, Galán-Arriola C, Sánchez-González J, Agüero J, López-Martín GJ, Gomez-Talavera S, Garcia-Prieto J, Benn A, Molina-Iracheta A, Barreiro-Pérez M, Martin-García A, García-Lunar I, Pizarro G, Sanz J, Sánchez PL, Fuster V, Ibanez B. *Effect of Ischemia Duration and Protective Interventions on the Temporal Dynamics of Tissue Composition After Myocardial Infarction.* Circ Res. 2017 Aug 4;121(4):439-450. doi: 10.1161/CIRCRESAHA.117.310901. Epub 2017 Jun 8.
1012. Castellano JM, Fuster V, Jennings C, Prescott E, Bueno H. *Role of the polypill for secondary prevention in ischaemic heart disease*. Eur J Prev Cardiol. 2017 Jun;24(3_suppl):44-51. doi: 10.1177/2047487317707324.
1013. Fuster V. *Changing Demographics: A New Approach to Global Health Care Due to the Aging Population.* J Am Coll Cardiol. 2017 Jun 20;69(24):3002-3005. doi: 10.1016/j.jacc.2017.05.013. No abstract available.
1014. Dweck MR, Abgral R, Trivieri MG, Robson PM, Karakatsanis N, Mani V, Palmisano A, Miller MA, Lala A, Chang HL, Sanz J, Contreras J, Narula J, Fuster V, Padilla M, Fayad ZA, Kovacic JC. *Hybrid Magnetic Resonance Imaging and Positron Emission Tomography With Fluorodeoxyglucose to Diagnose Active Cardiac Sarcoidosis*. JACC Cardiovasc Imaging. 2017 Jun 9. pii: S1936-878X(17)30450-3. doi: 10.1016/j.jcmg.2017.02.021. [Epub ahead of print]
1016. Jaiswal S, Natarajan P, Silver AJ, Gibson CJ, Bick AG, Shvartz E, McConkey M, Gupta N, Gabriel S, Ardissino D, Baber U, Mehran R, Fuster V, Danesh J, Frossard P, Saleheen D, Melander O, Sukhova GK, Neuberg D, Libby P, Kathiresan S, Ebert BL. *Clonal Hematopoiesis and Risk of Atherosclerotic Cardiovascular Disease.*N Engl J Med. 2017 Jul 13;377(2):111-121. doi: 10.1056/NEJMoa1701719. Epub 2017 Jun 21.
1017. Mota-Cobian A, Alonso-Farto JC, Fernández-Friera L, Sánchez-González J, López-Melgar B, Jiménez-Borreguero LJ, Fuster V, Ruiz-Cabello J, España S. *The effect of tissue-segmented attenuation maps on PET quantification with a special focus on large arteries.* Rev Esp Med Nucl Imagen Mol. 2017 Jun 19. pii: S2253-654X(17)30036-7. doi: 10.1016/j.remn.2017.03.008. [Epub ahead of print] English, Spanish.
1018. Sack MN, Fyhrquist FY, Saijonmaa OJ, Fuster V, Kovacic JC.*Basic Biology of Oxidative Stress and the Cardiovascular System: Part 1 of a 3-Part Series.* J Am Coll Cardiol. 2017 Jul 11;70(2):196-211. doi: 10.1016/j.jacc.2017.05.034. Review.
1019. Münzel T, Camici GG, Maack C, Bonetti NR, Fuster V, Kovacic JC. *Impact of Oxidative Stress on the Heart and Vasculature: Part 2 of a 3-Part Series.* J Am Coll Cardiol. 2017 Jul 11;70(2):212-229. doi: 10.1016/j.jacc.2017.05.035. Review.
1020. Niemann B, Rohrbach S, Miller MR, Newby DE, Fuster V, Kovacic JC. *Oxidative Stress and Cardiovascular Risk: Obesity, Diabetes, Smoking, and Pollution: Part 3 of a 3-Part Series.* J Am Coll Cardiol. 2017 Jul 11;70(2):230-251. doi: 10.1016/j.jacc.2017.05.043. Review.
1021. Fernández-Jiménez R, Barreiro-Pérez M, Martin-García A, Sánchez-González J, Agüero J,

Galán-Arriola C, García-Prieto J, Díaz-Pelaez E, Vara P, Martinez I, Zamarro I, Garde B, Sanz J, Fuster V, Sánchez PL, Ibanez B. *Dynamic Edematous Response of the Human Heart to Myocardial Infarction: Implications for Assessing Myocardial Area at Risk and Salvage.* Circulation. 2017 Jul 7. pii: CIRCULATIONAHA.116.025582. doi: 10.1161/CIRCULATIONAHA.116.025582. [Epub ahead of print]

1022. Greenland P, Fuster V. *Cardiovascular Risk Factor Control for All*. JAMA. 2017 Jul 11;318(2):130-131. doi: 10.1001/jama.2017.7648. No abstract available.
1023. van Diepen S, Fuster V, Farkouh ME. *Reply: Relevance of Indications for CABG in Evaluating the Effect of Dual Antiplatelet Therapy*. J Am Coll Cardiol. 2017 Jul 25;70(4):508-509. doi: 10.1016/j.jacc.2017.04.063. No abstract available.
1024. Zafar MU, Smith DA, Baber U, Sartori S, Chen K, Lam DW, Linares-Koloffon CA, Rey-Mendoza J, Jimenez Britez G, Escolar G, Fuster V, Badimon JJ. *Impact of Timing on the Functional Recovery Achieved With Platelet Supplementation After Treatment With Ticagrelor.* Circ Cardiovasc Interv. 2017 Aug;10(8). pii: e005120. doi: 10.1161/CIRCINTERVENTIONS.117.005120.
1025. Pozo E, Castellano JM, Kanwar A, Deochand R, Castillo-Martin M, Pazos-López P, González-Lengua C, Osman K, Cham M, Cordon-Cardo C, Narula J, Fuster V, Sanz J. *Myocardial Amyloid Quantification with Look-Locker Magnetic Resonance Sequence in Cardiac Amyloidosis. Diagnostic Accuracy in Clinical Practice and Histological Validation.* J Card Fail. 2017 Aug 8. pii: S1071-9164(17)31120-X. doi: 10.1016/j.cardfail.2017.08.445. [Epub ahead of print]
1026. Fernández-Jiménez R, Barreiro-Pérez M, Martin-García A, Sánchez-González J, Agüero J, Galán-Arriola C, García-Prieto J, Díaz-Pelaez E, Vara P, Martinez I, Zamarro I, Garde B, Sanz J, Fuster V, Sánchez PL, Ibanez B. *Dynamic Edematous Response of the Human Heart to Myocardial Infarction: Implications for Assessing Myocardial Area at Risk and Salvage.* Circulation. 2017 Oct 3;136(14):1288-1300. doi: 10.1161/CIRCULATIONAHA.116.025582. Epub 2017 Jul 7.
1027. López-Melgar B, Fernández-Friera L, Oliva B, García-Ruiz JM, Peñalvo JL, Gómez-Talavera S, Sánchez-González J, Mendiguren JM, Ibáñez B, Fernández-Ortiz A, Sanz J, Fuster V. *Subclinical Atherosclerosis Burden by 3D Ultrasound in Mid-Life: The PESA Study*. J Am Coll Cardiol. 2017 Jul 18;70(3):301-313. doi: 10.1016/j.jacc.2017.05.033.
1028. Fuster V. *Impact Factor: A Curious and Capricious Metric.* J Am Coll Cardiol. 2017 Sep 19;70(12):1530-1531. doi: 10.1016/j.jacc.2017.08.002. Epub 2017 Aug 23. No abstract available.
1029. Zafar MU, Zafar M, Baber U, Smith DA, Sartori S, Contreras J, Rey-Mendoza J, Linares-Koloffon CA, Escolar G, Mehran R, Fuster V, Badimon JJ. *Antithrombotic potency of ticagrelor versus clopidogrel in type-2 diabetic patients with cardiovascular disease*. Thromb Haemost. 2 017 Oct 5;117(10):1981-1988. doi: 10.1160/TH17-04-0277. Epub 2017 Aug 24.
1030. Dzau V, Fuster V, Frazer J, Snair M. *Investing in Global Health for Our Future.* N Engl J Med. 2017 Sep 28;377(13):1292-1296. doi: 10.1056/NEJMsr1707974. No abstract available.
1031. Binek A, Fernández-Jiménez R, Jorge I, Camafeita E, López JA, Bagwan N, Galán-Arriola C, Pun A, Agüero J, Fuster V, Ibanez B, Vázquez J. *Proteomic footprint of myocardial ischemia/reperfusion injury: Longitudinal study of the at-risk and remote regions in the pig model.* Sci Rep. 2017 Sep 27;7(1):12343. doi: 10.1038/s41598-017-11985-5.
1032. Uzhova I, Fuster V, Fernández-Ortiz A, Ordovás JM, Sanz J, Fernández-Friera L, López-Melgar B, Mendiguren JM, Ibáñez B, Bueno H, Peñalvo JL. *The Importance of Breakfast in Atherosclerosis Disease: Insights From the PESA Study*. J Am Coll Cardiol. 2017 Oct

10;70(15):1833-1842. doi: 10.1016/j.jacc.2017.08.027.

1033. Pozo E, Castellano JM, Kanwar A, Deochand R, Castillo-Martin M, Pazos-López P, González-Lengua C, Osman K, Cham M, Cordon-Cardo C, Narula J, Fuster V, Sanz J. *Myocardial Amyloid Quantification with Look-Locker Magnetic Resonance Sequence in Cardiac Amyloidosis. Diagnostic Accuracy in Clinical Practice and Histological Validation. J Card Fail. 2017 Aug 8. pii: S1071-9164(17)31120-X. doi: 10.1016/j.cardfail.2017.08.44*5. [Epub ahead of print]

1034. Gorog DA, Fayad ZA, Fuster V. *Arterial Thrombus Stability: Does It Matter and Can We Detect It?* J Am Coll Cardiol. 2017 Oct 17;70(16):2036-2047. doi: 10.1016/j.jacc.2017.08.065. Review.

1035. Lara-Pezzi E, Andrés V, Fernández-Avilés F, Fuster V, Ibáñez B. *Current State of Basic and Translational Cardiovascular Research in Spain*. Circ Res. 2017 Oct 13;121(9):1036-1039. doi: 10.1161/CIRCRESAHA.117.310842. No abstract available.

1036. Hong KN, Fuster V, Rosenson RS, Rosendorff C, Bhatt DL. *How Low to Go With Glucose, Cholesterol, and Blood Pressure in Primary Prevention of CVD*. J Am Coll Cardiol. 2017 Oct 24;70(17):2171-2185. doi: 10.1016/j.jacc.2017.09.001. Review.

1037. Landrigan PJ, Fuller R, Acosta NJR, Adeyi O, Arnold R, Basu NN, Baldé AB, Bertollini R, Bose-O'Reilly S, Boufford JI, Breysse PN, Chiles T, Mahidol C, Coll-Seck AM, Cropper ML, Fobil J, Fuster V, Greenstone M, Haines A, Hanrahan D, Hunter D, Khare M, Krupnick A, Lanphear B, Lohani B, Martin K, Mathiasen KV, McTeer MA, Murray CJL, Ndahimananjara JD, Perera F, Potočnik J, Preker AS, Ramesh J, Rockström J, Salinas C, Samson LD, Sandilya K, Sly PD, Smith KR, Steiner A, Stewart RB, Suk WA, van Schayck OCP, Yadama GN, Yumkella K, Zhong M. *The Lancet Commission on pollution and health.* Lancet. 2017 Oct 17. pii: S0140-6736(17)32345-0. doi: 10.1016/S0140-6736(17)32345-0. [Epub ahead of print] Review. No abstract available.

1038. Sillesen H, Sartori S, Sandholt B, Baber U, Mehran R, Fuster V. *Carotid plaque thickness and carotid plaque burden predict future cardiovascular events in asymptomatic adult Americans.* Eur Heart J Cardiovasc Imaging. 2017 Oct 20. doi: 10.1093/ehjci/jex239. [Epub ahead of print]

1039. Liu DJ, Peloso GM, Yu H, Butterworth AS, Wang X, Mahajan A, Saleheen D, Emdin C, Alam D, Alves AC, Amouyel P, Di Angelantonio E, Arveiler D, Assimes TL, Auer PL, Baber U, Ballantyne CM, Bang LE, Benn M, Bis JC, Boehnke M, Boerwinkle E, Bork-Jensen J, Bottinger EP, Brandslund I, Brown M, Busonero F, Caulfield MJ, Chambers JC, Chasman DI, Chen YE, Chen YI, Chowdhury R, Christensen C, Chu AY, Connell JM, Cucca F, Cupples LA, Damrauer SM, Davies G, Deary IJ, Dedoussis G, Denny JC, Dominiczak A, Dubé MP, Ebeling T, Eiriksdottir G, Esko T, Farmaki AE, Feitosa MF, Ferrario M, Ferrieres J, Ford I, Fornage M, Franks PW, Frayling TM, Frikke-Schmidt R, Fritsche LG, Frossard P, Fuster V, Ganesh SK, Gao W, Garcia ME, Gieger C, Giulianini F, Goodarzi MO, Grallert H, Grarup N, Groop L, Grove ML, Gudnason V, Hansen T, Harris TB, Hayward C, Hirschhorn JN, Holmen OL, Huffman J, Huo Y, Hveem K, Jabeen S, Jackson AU, Jakobsdottir J, Jarvelin MR, Jensen GB, Jørgensen ME, Jukema JW, Justesen JM, Kamstrup PR, Kanoni S, Karpe F, Kee F, Khera AV, Klarin D, Koistinen HA, Kooner JS, Kooperberg C, Kuulasmaa K, Kuusisto J, Laakso M, Lakka T, Langenberg C, Langsted A, Launer LJ, Lauritzen T, Liewald DCM, Lin LA, Linneberg A, Loos RJF, Lu Y, Lu X, Mägi R, Malarstig A, Manichaikul A, Manning AK, Mäntyselkä P, Marouli E, Masca NGD, Maschio A, Meigs JB, Melander O, Metspalu A, Morris AP, Morrison AC, Mulas A, Müller-Nurasyid M, Munroe PB, Neville MJ, Nielsen JB, Nielsen SF, Nordestgaard BG, Ordovas JM, Mehran R, O'Donnell CJ, Orho-Melander M, Molony CM, Muntendam P, Padmanabhan S, Palmer CNA, Pasko D, Patel AP, Pedersen O, Perola M, Peters A, Pisinger C, Pistis G, Polasek O, Poulter N, Psaty BM, Rader DJ, Rasheed A, Rauramaa R,

Reilly DF, Reiner AP, Renström F, Rich SS, Ridker PM, Rioux JD, Robertson NR, Roden DM, Rotter JI, Rudan I, Salomaa V, Samani NJ, Sanna S, Sattar N, Schmidt EM, Scott RA, Sever P, Sevilla RS, Shaffer CM, Sim X, Sivapalaratnam S, Small KS, Smith AV, Smith BH, Somayajula S, Southam L, Spector TD, Speliotes EK, Starr JM, Stirrups KE, Stitziel N, Strauch K, Stringham HM, Surendran P, Tada H, Tall AR, Tang H, Tardif JC, Taylor KD, Trompet S, Tsao PS, Tuomilehto J, Tybjaerg-Hansen A, van Zuydam NR, Varbo A, Varga TV, Virtamo J, Waldenberger M, Wang N, Wareham NJ, Warren HR, Weeke PE, Weinstock J, Wessel J, Wilson JG, Wilson PWF, Xu M, Yaghootkar H, Young R, Zeggini E, Zhang H, Zheng NS, Zhang W, Zhang Y, Zhou W, Zhou Y, Zoledziewska M; Charge Diabetes Working Group; EPIC-InterAct Consortium; EPIC-CVD Consortium; GOLD Consortium; VA Million Veteran Program, Howson JMM, Danesh J, McCarthy MI, Cowan CA, Abecasis G, Deloukas P, Musunuru K, Willer CJ, Kathiresan S. *Exome-wide association study of plasma lipids in >300,000 individuals*. Nat Genet. 2017 Oct 30. doi: 10.1038/ng.3977. [Epub ahead of print]

1040. Fernández-Alvira JM, Fuster V, Pocock S, Sanz J, Fernández-Friera L, Laclaustra M, Fernández-Jiménez R, Mendiguren J, Fernández-Ortiz A, Ibáñez B, Bueno H. *Predicting Subclinical Atherosclerosis in Low-Risk Individuals: Ideal Cardiovascular Health Score and Fuster-BEWAT Score.* J Am Coll Cardiol. 2017 Nov 14;70(20):2463-2473. doi: 10.1016/j.jacc.2017.09.032.

1041. Roolvink V, Ottervanger JP, Ibáñez B, Dambrink JH, Gosselink M, Kedhi E, van Royen N, Lipsic E, Remkes W, Piek J, Fuster V, van 't Hof A. *One year clinical outcome of early administration of intravenous beta-blockers in patients with ST-segment elevation myocardial infarction before primary percutaneous coronary reperfusion. One year results from the EARLY-BAMI trial.* EuroIntervention. 2017 Nov 21. pii: EIJ-D-17-00776. doi: 10.4244/EIJ-D-17-00776. [Epub ahead of print]

1042. Hajjar RJ, Ishikawa K, Kovacic JC, Fuster V. *Cardiovascular Research Center at Icahn School of Medicine at Mount Sinai Translational Mission.* Circ Res. 2017 Dec 8;121(12):1316-1319. doi: 10.1161/CIRCRESAHA.117.311372. No abstract available.

1043. Fernández-Friera L, Fuster V, López-Melgar B, Oliva B, García-Ruiz JM, Mendiguren J, Bueno H, Pocock S, Ibáñez B, Fernández-Ortiz A, Sanz J. *Normal LDL-Cholesterol Levels Are Associated With Subclinical Atherosclerosis in the Absence of Risk Factors.* J Am Coll Cardiol. 2017 Dec 19;70(24):2979-2991. doi: 10.1016/j.jacc.2017.10.024. Erratum in: J Am Coll Cardiol. 2018 Feb 6;71(5):588-589.

1044. Aguero J, Galan-Arriola C, Fernandez-Jimenez R, Sanchez-Gonzalez J, Ajmone N, Delgado V, Solis J, Lopez GJ, de Molina-Iracheta A, Hajjar RJ, Bax JJ, Fuster V, Ibáñez B. *Atrial Infarction and Ischemic Mitral Regurgitation Contribute to Post-MI Remodeling of the Left Atrium.* J Am Coll Cardiol. 2017 Dec 12;70(23):2878-2889. doi: 10.1016/j.jacc.2017.10.013.

1045. Fuster V. *Who Truly Benefits From Pre-Publishing and Rushing Publishing?: Not Patients, Nor Clinicians*. J Am Coll Cardiol. 2017 Dec 26;70(25):3199-3200. doi: 10.1016/j.jacc.2017.11.001. Epub 2017 Nov 17. No abstract available.

1046. Vedanthan R, Fuster V. *Prevention: Saving lives: the importance of having Resolve.* Nat Rev Cardiol. 2018 Jan;15(1):7-8. doi: 10.1038/nrcardio.2017.187. Epub 2017 Nov 23. No abstract available.

1047. Fuster V, Frazer J, Snair M, Vedanthan R, Dzau V; *Committee on Global Health and the Future of the United States: A Report of the National Academies of Sciences, Engineering and Medicine. The Future Role of the United States in Global Health: Emphasis on Cardiovascular Disease.* J Am Coll Cardiol. 2017 Dec 26;70(25):3140-3156. doi: 10.1016/j.jacc.2017.11.009. Epub 2017 Nov 30. Review.

1048. Aguero J, Galan-Arriola C, Fernandez-Jimenez R, Sanchez-Gonzalez J, Ajmone N, Delgado V,

Solis J, Lopez GJ, de Molina-Iracheta A, Hajjar RJ, Bax JJ, Fuster V, Ibáñez B. *Atrial Infarction and Ischemic Mitral Regurgitation Contribute to Post-MI Remodeling of the Left Atrium.* J Am Coll Cardiol. 2017 Dec 12;70(23):2878-2889. doi: 10.1016/j.jacc.2017.10.013.

1049. Hajjar RJ, Ishikawa K, Kovacic JC, Fuster V. *Cardiovascular Research Center at Icahn School of Medicine at Mount Sinai Translational Mission.* Circ Res. 2017 Dec 8;121(12):1316-1319. doi: 10.1161/CIRCRESAHA.117.311372. No abstract available.

1050. Ibañez B, Fuster V. *CANTOS: A Gigantic Proof-of-Concept Trial*. Circ Res. 2017 Dec 8;121(12):1320-1322. doi: 10.1161/CIRCRESAHA.117.312200. No abstract available.

1051. Mitter SS, Vedanthan R, Fuster V. *The Right Diet for Heart Failure: Finding Morsels for Success.* JACC Heart Fail. 2018 Jan;6(1):63-64. doi: 10.1016/j.jchf.2017.10.004. Epub 2017 Dec 6. No abstract available.

1052. Fernández-Friera L, Fuster V, López-Melgar B, Oliva B, García-Ruiz JM, Mendiguren J, Bueno H, Pocock S, Ibáñez B, Fernández-Ortiz A, Sanz J. *Normal LDL-Cholesterol Levels Are Associated With Subclinical Atherosclerosis in the Absence of Risk Factors.* J Am Coll Cardiol. 2017 Dec 19;70(24):2979-2991. doi: 10.1016/j.jacc.2017.10.024.

1053. Mitter SS, Vedanthan R, Fuster V. *The Right Diet for Heart Failure: Finding Morsels for Success.* JACC Heart Fail. 2018 Jan;6(1):63-64. doi: 10.1016/j.jchf.2017.10.004. Epub 2017 Dec 6. No abstract available.

1055**.** Fuster V. *High Blood Pressure Guidelines: Welcomed Advice, But Let's Not Lose the Patient Amid the Numbers.* J Am Coll Cardiol. 2018 Feb 20;71(7):800-801. doi: 10.1016/j.jacc.2018.01.002. Epub 2018 Jan 15. No abstract available.

1056. Watase H, Sun J, Hippe DS, Balu N, Li F, Zhao X, Mani V, Fayad ZA, Fuster V, Hatsukami TS, Yuan C. *Carotid Artery Remodeling Is Segment Specific: An In Vivo Study by Vessel Wall Magnetic Resonance Imaging. Arterioscler Thromb Vasc Biol.* 2018 Apr;38(4):927-934. doi: 10.1161/ATVBAHA.117.310296. Epub 2018 Feb 22.

1057. Fuster V. *Editor-in-Chief's Top Picks From 2017*. J Am Coll Cardiol. 2018 Feb 27;71(8):890-934. doi: 10.1016/j.jacc.2018.01.003.

1058. Pozo E, Castellano JM, Kanwar A, Deochand R, Castillo-Martin M, Pazos-López P, González-Lengua C, Osman K, Cham M, Cordon-Cardo C, Narula J, Fuster V, Sanz J. *Myocardial Amyloid Quantification with Look-Locker Magnetic Resonance Sequence in Cardiac Amyloidosis. Diagnostic Accuracy in Clinical Practice and Histological Validation.* J Card Fail. 2018 Feb;24(2):78-86. doi: 10.1016/j.cardfail.2017.08.445. Epub 2017 Aug 8.

1059. Kishore SP, Blank E, Heller DJ, Patel A, Peters A, Price M, Vidula M, Fuster V, Onuma O, Huffman MD, Vedanthan R. *Modernizing the World Health Organization List of Essential Medicines for Preventing and Controlling Cardiovascular Diseases*. J Am Coll Cardiol. 2018 Feb 6;71(5):564-574. doi: 10.1016/j.jacc.2017.11.056. Review.

1060. Head SJ, Milojevic M, Daemen J, Ahn JM, Boersma E, Christiansen EH, Domanski MJ, Farkouh ME, Flather M, Fuster V, Hlatky MA, Holm NR, Hueb WA, Kamalesh M, Kim YH, Mäkikallio T, Mohr FW, Papageorgiou G, Park SJ, Rodriguez AE, Sabik JF 3rd, Stables RH, Stone GW, Serruys PW, Kappetein AP. *Mortality after coronary artery bypass grafting versus percutaneous coronary intervention with stenting for coronary artery disease: a pooled analysis of individual patient data*. Lancet. 2018 Mar 10;391(10124):939-948. doi: 10.1016/S0140-6736(18)30423-9. Epub 2018 Feb 23.

1061. Pinho-Gomes AC, Azevedo L, Ahn JM, Park SJ, Hamza TH, Farkouh ME, Serruys PW, Milojevic M, Kappetein AP, Stone GW, Lamy A, Fuster V, Taggart DP. *Compliance With Guideline-Directed Medical Therapy in Contemporary Coronary Revascularization Trials.* J Am Coll Cardiol. 2018 Feb 13;71(6):591-602. doi: 10.1016/j.jacc.2017.11.068.

1062. Sharma R, Sharma S, Fuster V. *Coronary Vasospastic Angina: A Rare Case of Ergonovine*

Positivity and Curative Bilateral Cardiac Sympathectomy. EuroIntervention. 2018 Apr 3. pii: EIJ-D-18-00144. doi: 10.4244/EIJ-D-18-00144. [Epub ahead of print] No abstract available.

1063. Hadley MB, Vedanthan R, Fuster V. *Air pollution and cardiovascular disease: a window of opportunity*. Nat Rev Cardiol. 2018 Apr;15(4):193-194. doi: 10.1038/nrcardio.2017.207. Epub 2018 Jan 3. No abstract available.

1064. Chandrashekhar Y, Fuster V. *JACC: Cardiovascular Imaging 2.0: The Next Decade in Digital.* JACC Cardiovasc Imaging. 2018 Apr;11(4):655-657. doi: 10.1016/j.jcmg.2018.03.005. No abstract available.

1065. Fernández-Jiménez R, Martin-García A, Barreiro-Pérez M, Sánchez-González J, Fuster V, Sánchez PL, Ibanez B. *Response by Fernández-Jiménez et al to Letters Regarding Article, "Dynamic Edematous Response of the Human Heart to Myocardial Infarction: Implications for Assessing Myocardial Area at Risk and Salvage"*. Circulation. 2018 Apr 17;137(16):1754-1755. doi: 10.1161/CIRCULATIONAHA.117.032882. No abstract available.

1066. Fuster V, Mann DL. *JACC: Basic to Translational Science: The Apple That Falls Closely to the JACC Family Tree.* J Am Coll Cardiol. 2018 May 1;71(17):1940-1941. doi: 10.1016/j.jacc.2018.03.450. No abstract available.

1067. Fuster V. *JACC Moving On: Maintaining Vision While Implementing Change.* J Am Coll Cardiol. 2018 May 8;71(18):2073-2074. doi: 10.1016/j.jacc.2018.03.476. No abstract available.

1068. Mota-Cobian A, Alonso-Farto JC, Fernández-Friera L, Sánchez-González J, López-Melgar B, Jiménez-Borreguero LJ, Fuster V, Ruiz-Cabello J, España S. *The effect of tissue-segmented attenuation maps on PET quantification with a special focus on large arteries*. Rev Esp Med Nucl Imagen Mol. **2018** Mar - Apr;37(2):94-102. doi: 10.1016/j.remn.2017.03.008. Epub 2017 Jun 20. English, Spanish.

1069. Pozo E, Castellano JM, Kanwar A, Deochand R, Castillo-Martin M, Pazos-López P, González-Lengua C, Osman K, Cham M, Cordon-Cardo C, Narula J, Fuster V, Sanz J. *Myocardial Amyloid Quantification with Look-Locker Magnetic Resonance Sequence in Cardiac Amyloidosis. Diagnostic Accuracy in Clinical Practice and Histological Validation.* J Card Fail. 2018 Feb;24(2):78-86. doi: 10.1016/j.cardfail.2017.08.445. Epub 2017 Aug 8.

1070. Landrigan PJ, Fuller R, Acosta NJR, Adeyi O, Arnold R, Basu NN, Baldé AB, Bertollini R, Bose-O'Reilly S, Boufford JI, Breysse PN, Chiles T, Mahidol C, Coll-Seck AM, Cropper ML, Fobil J, Fuster V, Greenstone M, Haines A, Hanrahan D, Hunter D, Khare M, Krupnick A, Lanphear B, Lohani B, Martin K, Mathiasen KV, McTeer MA, Murray CJL, Ndahimananjara JD, Perera F, Potočnik J, Preker AS, Ramesh J, Rockström J, Salinas C, Samson LD, Sandilya K, Sly PD, Smith KR, Steiner A, Stewart RB, Suk WA, van Schayck OCP, Yadama GN, Yumkella K, Zhong M. *The Lancet Commission on pollution and health. Lancet*. 2018 Feb 3;391(10119):462-512. doi: 10.1016/S0140-6736(17)32345-0. Epub 2017 Oct 19. Review. No abstract available. Erratum in: Lancet. 2018 Feb 3;391(10119):430.

1071. Fernández-Avilés F, Sanz-Ruiz R, Climent AM, Badimon L, Bolli R, Charron D, Fuster V, Janssens S, Kastrup J, Kim HS, Lüscher TF, Martin JF, Menasché P, Pinto FJ, Simari RD, Stone GW, Terzic A, Willerson JT, Wu JC. *TACTICS Writing Group. Global Overview of the Transnational Alliance for Regenerative Therapies in Cardiovascular Syndromes (TACTICS) Recommendations: A Comprehensive Series of Challenges and Priorities of Cardiovascular Regenerative Medicine.*Circ Res. 2018 Jan 19;122(2):199-201. doi: 10.1161/CIRCRESAHA.117.312099. No abstract available.

1072. Pinho-Gomes AC, Azevedo L, Ahn JM, Park SJ, Hamza TH, Farkouh ME, Serruys PW, Milojevic M, Kappetein AP, Stone GW, Lamy A, Fuster V, Taggart DP. *Compliance With Guideline-Directed Medical Therapy in Contemporary Coronary Revascularization Trials.*

J Am Coll Cardiol. 2018 Feb 13;71(6):591-602. doi: 10.1016/j.jacc.2017.11.068.

1073. Michelis KC, Nomura-Kitabayashi A, Lecce L, Franzén O, Koplev S, Xu Y, Santini MP, D'Escamard V, Lee JTL, Fuster V, Hajjar R, Reddy RC, Chikwe J, Stelzer P, Filsoufi F, Stewart A, Anyanwu A, Björkegren JLM, Kovacic JC. *CD90 Identifies Adventitial Mesenchymal Progenitor Cells in Adult Human Medium- and Large-Sized Arteries. Stem Cell Reports*. 2018 Jul 10;11(1):242-257. doi: 10.1016/j.stemcr.2018.06.001. Epub 2018 Jun 28.

1074. Head SJ, Milojevic M, Daemen J, Ahn JM, Boersma E, Christiansen EH, Domanski MJ, Farkouh ME, Flather M, Fuster V, Hlatky MA, Holm NR, Hueb WA, Kamalesh M, Kim YH, Mäkikallio T, Mohr FW, Papageorgiou G, Park SJ, Rodriguez AE, Sabik JF 3rd, Stables RH, Stone GW, Serruys PW, Kappetein AP. *Stroke Rates Following Surgical Versus Percutaneous Coronary Revascularization. J Am Coll Cardiol*. 2018 Jul 24;72(4):386-398. doi: 10.1016/j.jacc.2018.04.071.

1075. Ibañez B, Castellano JM, Fuster V. *Polypill strategy at the heart of cardiovascular secondary prevention. Heart*. 2018 Jul 20. pii: heartjnl-2018-313464. doi: 10.1136/heartjnl-2018-313464. [Epub ahead of print] No abstract available.

1076. Fuster V, Mann DL. *JACC: Basic to Translational Science: The Apple That Falls Closely to the JACC Family Tree. JACC Basic Transl Sci*. 2018 May 30;3(2):332-333. doi: 10.1016/j.jacbts.2018.03.004. eCollection 2018 Apr. No abstract available.

1077. Turco JV, Inal-Veith A, Fuster V. *Cardiovascular Health Promotion: An Issue That Can No Longer Wait. J Am Coll Cardiol*. 2018 Aug 21;72(8):908-913. doi: 10.1016/j.jacc.2018.07.007. No abstract available.

1078. Podlesnikar T, Pizarro G, Fernández-Jiménez R, Montero-Cabezas JM, Sánchez-González J, Bucciarelli-Ducci C, Ajmone Marsan N, Fras Z, Bax JJ, Fuster V, Ibáñez B, Delgado V. *Effect of Early Metoprolol During ST-Segment Elevation Myocardial Infarction on Left Ventricular Strain: Feature-Tracking Cardiovascular Magnetic Resonance Substudy From the METOCARD-CNIC trial*. JACC Cardiovasc Imaging. 2018 Sep 6. pii: S1936-878X(18)30676-4. doi: 10.1016/j.jcmg.2018.07.019. [Epub ahead of print]

1079. Libby P, Loscalzo J, Ridker PM, Farkouh ME, Hsue PY, Fuster V, Hasan AA, Amar S. *Inflammation, Immunity, and Infection in Atherothrombosis: JACC Review Topic of the Week.* J Am Coll Cardiol. 2018 Oct 23;72(17):2071-2081. doi: 10.1016/j.jacc.2018.08.1043. Review.

1080. Podlesnikar T, Pizarro G, Fernández-Jiménez R, Montero-Cabezas JM, Sánchez-González J, Bucciarelli-Ducci C, Ajmone Marsan N, Fras Z, Bax JJ, Fuster V, Ibáñez B, Delgado V. *Effect of Early Metoprolol During ST-Segment Elevation Myocardial Infarction on Left Ventricular Strain: Feature-Tracking Cardiovascular Magnetic Resonance Substudy From the METOCARD-CNIC trial.* JACC Cardiovasc Imaging. 2018 Sep 6. pii: S1936-878X(18)30676-4. doi: 10.1016/j.jcmg.2018.07.019. [Epub ahead of print]

1081. Fuster V. *The (R)Evolution of the CICU: Better for the Patient, Better for Education.* J Am Coll Cardiol. 2018 Oct 30;72(18):2269-2271. doi: 10.1016/j.jacc.2018.09.018. No abstract available.

1082. Fuster V, Oetgen WJ. *JACC Serving the Global Cardiovascular Community.* J Am Coll Cardiol. 2018 Nov 13;72(20):2531-2533. doi: 10.1016/j.jacc.2018.10.003. Epub 2018 Oct 22. No abstract available.

1083. Farkouh ME, Domanski M, Dangas GD, Godoy LC, Mack MJ, Siami FS, Hamza TH, Shah B, Stefanini GG, Sidhu MS, Tanguay JF, Ramanathan K, Sharma SK, French J, Hueb W, Cohen DJ, Fuster V. FREEDOM Follow-On study investigators. *Long-term Survival following Multivessel Revascularization in Patients with Diabetes (FREEDOM Follow-On Study).* J Am Coll Cardiol. 2018 Nov 1. pii: S0735-1097(18)38994-0. doi: 10.1016/j.jacc.2018.11.001. [Epub ahead of print]

1084. Bhatheja S, Fuster V, Chamaria S, Kakkar S, Zlatopolsky R, Rogers J, Otobo E, Atreja A, Sharma SK, Kini AS. *Developing a Mobile Application for Global Cardiovascular Education.* J Am Coll Cardiol. 2018 Nov 13;72(20):2518-2527. doi: 10.1016/j.jacc.2018.08.2183. Review.

1085. Vedanthan R, Ray M, Fuster V, Magenheim E. *Hypertension Treatment Rates and Health Care Worker Density.* Hypertension. 2019 Mar;73(3):594-601. doi: 10.1161/HYPERTENSIONAHA.118.11995.

1086. Farkouh ME, Domanski M, Dangas GD, Godoy LC, Mack MJ, Siami FS, Hamza TH, Shah B, Stefanini GG, Sidhu MS, Tanguay JF, Ramanathan K, Sharma SK, French J, Hueb W, Cohen DJ, Fuster V. FREEDOM Follow-On Study Investigators. *Long-Term Survival Following Multivessel Revascularization in Patients With Diabetes: The FREEDOM Follow-On Study.* J Am Coll Cardiol. 2019 Feb 19;73(6):629-638. doi: 10.1016/j.jacc.2018.11.001. Epub 2018 Nov 11.

1087. Fernandez-Jimenez R, Al-Kazaz M, Jaslow R, Carvajal I, Fuster V. *Children Present a Window of Opportunity for Promoting Health: JACC Review Topic of the Week.* J Am Coll Cardiol. 2018 Dec 25;72(25):3310-3319. doi: 10.1016/j.jacc.2018.10.031. Epub 2018 Dec 6. Review.

1088. Turco JV, Inal-Veith A, Fuster V.; *Reprint of: Cardiovascular Health Promotion: An Issue That Can No Longer Wait.* J Am Coll Cardiol. 2018 Dec 11;72(23 Pt B):2945-2950. doi: 10.1016/j.jacc.2018.10.018. No abstract available.

1089. Esper RB, Farkouh ME, Ribeiro EE, Hueb W, Domanski M, Hamza TH, Siami FS, Godoy LC, Mathew V, French J, Fuster V. *SYNTAX Score in Patients With Diabetes Undergoing Coronary Revascularization in the FREEDOM Trial.* J Am Coll Cardiol. 2018 Dec 11;72(23 Pt A):2826-2837. doi: 10.1016/j.jacc.2018.09.046.

1090. Tsilingiri K, de la Fuente H, Relaño M, Sánchez-Díaz R, Rodríguez C, Crespo J, Sánchez-Cabo F, Dopazo A, Alonso-Lebrero JL, Vara A, Vázquez J, Casasnovas JM, Alfonso F, Ibáñez B, Fuster V, Martínez-González J, Martín P, Sánchez-Madrid F. *Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease.* Circulation. 2019 Jan 8;139(2):243-255. doi: 10.1161/CIRCULATIONAHA.118.034326. Erratum in: Circulation. 2019 Jan 8;139(2):e4.

1091. Garcia-Lunar I, Pereda D, Santiago E, Solanes N, Nuche J, Ascaso M, Bobí J, Sierra F, Dantas AP, Galán C, San Antonio R, Sánchez-Quintana D, Sánchez-González J, Barberá JA, Rigol M, Fuster V, Ibáñez B, Sabaté M, García-Álvarez A. *Effect of pulmonary artery denervation in postcapillary pulmonary hypertension: results of a randomized controlled translational study.* Basic Res Cardiol. 2019 Jan 11;114(2):5. doi: 10.1007/s00395-018-0714-x.

1092. León DG, López-Yunta M, Alfonso-Almazán JM, Marina-Breysse M, Quintanilla JG, Sánchez-González J, Galán-Arriola C, Castro-Núñez F, González-Ferrer JJ, Ibáñez B, Pérez-Villacastín J, Pérez-Castellano N, Fuster V, Jalife J, Vázquez M, Aguado-Sierra J, Filgueiras-Rama D. *Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction.* Europace. 2019 Jan 12. doi: 10.1093/europace/euy306. [Epub ahead of print]

1093. Domínguez F, Fuster V, Fernández-Alvira JM, Fernández-Friera L, López-Melgar B, Blanco-Rojo R, Fernández-Ortiz A, García-Pavía P, Sanz J, Mendiguren JM, Ibañez B, Bueno H, Lara-Pezzi E, Ordovás JM. *Association of Sleep Duration and Quality With Subclinical Atherosclerosis.* J Am Coll Cardiol. 2019 Jan 22;73(2):134-144. doi: 10.1016/j.jacc.2018.10.060.

1094. Fuster V. *RESPONSE: With Gratitude, and a Look to the Future.* J Am Coll Cardiol. 2019 Jan 22;73(2):244-245. doi: 10.1016/j.jacc.2018.12.003. No abstract available.

1095. Santos-Gallego CG, Garcia-Ropero A, Mancini D, Pinney SP, Contreras JP, Fergus I, Abascal V, Moreno P, Atallah-Lajam F, Tamler R, Lala A, Sanz J, Fuster V, Badimon JJ. *Rationale and Design of the EMPA-TROPISM Trial (ATRU-4): Are the "Cardiac Benefits" of Empagliflozin*

Independent of its Hypoglycemic Activity? Cardiovasc Drugs Ther. 2019 Jan 24. doi: 10.1007/s10557-018-06850-0. [Epub ahead of print]

1096. Farkouh ME, Sidhu MS, Brooks MM, Vlachos H, Boden WE, Frye RL, Hartigan P, Siami FS, Bittner VA, Chaitman BR, Mancini GBJ, Fuster V. *Impact of Chronic Kidney Disease on Outcomes of Myocardial Revascularization in Patients With Diabetes.* J Am Coll Cardiol. 2019 Feb 5;73(4):400-411. doi: 10.1016/j.jacc.2018.11.044.
1097. Santos-Beneit G, Bodega P, de Miguel M, Rodríguez C, Carral V, Orrit X, Haro D, Carvajal I, de Cos-Gandoy A, Peñalvo JL, Gómez-Pardo E, Oliva B, Ibañez B, Fernández-Alvira JM, Fernández-Jiménez R, Fuster V. *Rationale and design of the SI! Program for health promotion in elementary students aged 6 to 11 years: A cluster randomized trial.* Am Heart J. 2019 Jan 8;210:9-17. doi: 10.1016/j.ahj.2018.12.011. [Epub ahead of print]
1098. Hoedemaker NP, Roolvink V, de Winter RJ, van Royen N, Fuster V, García-Ruiz JM, Er F, Gassanov N, Hanada K, Okumura K, Ibáñez B, van 't Hof AW, Damman P. *Early intravenous beta-blockers in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: A patient-pooled meta-analysis of randomized clinical trials.* Eur Heart J Acute Cardiovasc Care. 2019 Feb 14:2048872619830609. doi: 10.1177/2048872619830609. [Epub ahead of print]
1099. Galán-Arriola C, Lobo M, Vílchez-Tschischke JP, López GJ, de Molina-Iracheta A, Pérez-Martínez C, Agüero J, Fernández-Jiménez R, Martín-García A, Oliver E, Villena-Gutierrez R, Pizarro G, Sánchez PL, Fuster V, Sánchez-González J, Ibanez B. *Serial Magnetic Resonance Imaging to Identify Early Stages of Anthracycline-Induced Cardiotoxicity.* J Am Coll Cardiol. 2019 Feb 26;73(7):779-791. doi: 10.1016/j.jacc.2018.11.046.
1100. Fuster V. *Editor-in-Chief's Top Picks From 2018.* J Am Coll Cardiol. 2019 Feb 26;73(7):826-867. doi: 10.1016/j.jacc.2019.01.004.
1101. Ibañez B, Castellano JM, Fuster V. *Polypill strategy at the heart of cardiovascular secondary prevention.* Heart. 2019 Jan;105(1):9-10. doi: 10.1136/heartjnl-2018-313464. Epub 2018 Jul 20. No abstract available.
1102. Garcia-Lunar I, Pereda D, Santiago E, Solanes N, Nuche J, Ascaso M, Bobí J, Sierra F, Dantas AP, Galán C, San Antonio R, Sánchez-Quintana D, Sánchez-González J, Barberá JA, Rigol M, Fuster V, Ibáñez B, Sabaté M, García-Álvarez A. *Effect of pulmonary artery denervation in postcapillary pulmonary hypertension: results of a randomized controlled translational study.* Basic Res Cardiol. 2019 Jan 11;114(2):5. doi: 10.1007/s00395-018-0714-x.
1103. Narula J, Ibáñez B, Fuster V. *From Heart to Head, Thrombi to Emboli, and Inferences to Extrapolation.* J Am Coll Cardiol. 2019 Mar 12;73(9):1000-1003. doi: 10.1016/j.jacc.2019.01.025. No abstract available.
1104. Vergallo R, Porto I, D'Amario D, Annibali G, Galli M, Benenati S, Bendandi F, Migliaro S, Fracassi F, Aurigemma C, Leone AM, Buffon A, Burzotta F, Trani C, Niccoli G, Liuzzo G, Prati F, Fuster V, Jang IK, Crea F. *Coronary Atherosclerotic Phenotype and Plaque Healing in Patients With Recurrent Acute Coronary Syndromes Compared With Patients With Long-term Clinical Stability: An In Vivo Optical Coherence Tomography Study.* JAMA Cardiol. 2019 Mar 13. doi: 10.1001/jamacardio.2019.0275. [Epub ahead of print]
1105. Grigorian Shamagian L, Madonna R, Taylor D, Climent AM, Prosper F, Bras-Rosario L, Bayes-Genis A, Ferdinandy P, Fernández-Avilés F, Izpisua Belmonte JC, Fuster V, Bolli R. *Perspectives on Directions and Priorities for Future Preclinical Studies in Regenerative Medicine.* Circ Res. 2019 Mar 15;124(6):938-951. doi: 10.1161/CIRCRESAHA.118.313795.
1106. Sugiyama T, Yamamoto E, Fracassi F, Lee H, Yonetsu T, Kakuta T, Soeda T, Saito Y, Yan BP, Kurihara O, Takano M, Niccoli G, Crea F, Higuma T, Kimura S, Minami Y, Ako J, Adriaenssens T, Boeder NF, Nef HM, Fujimoto JG, Fuster V, Finn AV, Falk E, Jang IK.

Calcified Plaques in Patients With Acute Coronary Syndromes. JACC Cardiovasc Interv. 2019 Mar 25;12(6):531-540. doi: 10.1016/j.jcin.2018.12.013.

1107. Fernández-Friera L, Fuster V, López-Melgar B, Oliva B, Sánchez-González J, Macías A, Pérez-Asenjo B, Zamudio D, Alonso-Farto JC, España S, Mendiguren J, Bueno H, García-Ruiz JM, Ibañez B, Fernández-Ortiz A, Sanz J. *Vascular Inflammation in Subclinical Atherosclerosis Detected by Hybrid PET/MRI.* J Am Coll Cardiol. 2019 Apr 2;73(12):1371-1382. doi: 10.1016/j.jacc.2018.12.075.
1108. Fuster V. *Reflections on 5 Years as JACC Editor-in-Chief: Proud of the Growing Family of Quality.* J Am Coll Cardiol. 2019 Apr 16;73(14):1866-1867. doi: 10.1016/j.jacc.2019.03.021. No abstract available.
1109. Santos-Gallego CG, Requena-Ibanez JA, San Antonio R, Ishikawa K, Watanabe S, Picatoste B, Flores E, Garcia-Ropero A, Sanz J, Hajjar RJ, Fuster V, Badimon JJ. *Empagliflozin Ameliorates Adverse Left Ventricular Remodeling in Nondiabetic Heart Failure by Enhancing Myocardial Energetics.* J Am Coll Cardiol. 2019 Apr 23;73(15):1931-1944. doi: 10.1016/j.jacc.2019.01.056.
1110. Fernandez-Jimenez R, Jaslow R, Bansilal S, Santana M, Diaz-Munoz R, Latina J, Soto AV, Vedanthan R, Al-Kazaz M, Giannarelli C, Kovacic JC, Bagiella E, Kasarskis A, Fayad ZA, Hajjar RJ, Fuster V. *Child Health Promotion in Underserved Communities: The FAMILIA Trial.* J Am Coll Cardiol. 2019 Apr 30;73(16):2011-2021. doi: 10.1016/j.jacc.2019.01.057.
1111. Fracassi F, Crea F, Sugiyama T, Yamamoto E, Uemura S, Vergallo R, Porto I, Lee H, Fujimoto J, Fuster V, Jang IK. *Healed Culprit Plaques in Patients With Acute Coronary Syndromes.* J Am Coll Cardiol. 2019 May 14;73(18):2253-2263. doi: 10.1016/j.jacc.2018.10.093.
1112. Castellano JM, Verdejo J, Ocampo S, Rios MM, Gomez-Alvarez E, Borrayo G, Ruiz E, Ibanez B, Fuster V, investigators S. Clinical Effectiveness of the Cardiovascular Polypill in a Real-Life Setting in Patients with Cardiovascular Risk: The SORS Study. Arch Med Res. 2019;50(1):31-40. doi: 10.1016/j.arcmed.2019.04.001.
1113. Montero Cabezas JM, Abou R, Goedemans L, Aguero J, Schalij MJ, Ajmone Marsan N, Fuster V, Ibanez B, Bax JJ, Delgado V. *Procedural-related coronary atrial branch occlusion during primary percutaneous coronary intervention for ST-segment elevation myocardial infarction and atrial arrhythmias at follow-up*. Catheter Cardiovasc Interv. 2020;95(4):686-93. Epub 2019/05/30. doi: 10.1002/ccd.28351.
1114. Arbel Y, Fuster V, Baber U, Hamza TH, Siami FS, Farkouh ME. *Incidence, determinants and impact of acute kidney injury in patients with diabetes mellitus and multivessel disease undergoing coronary revascularization: Results from the FREEDOM trial*. Int J Cardiol. 2019;293:197-202. Epub 2019/06/25. doi: 10.1016/j.ijcard.2019.05.064.
1115. Fernandez-Jimenez R, Santos-Beneit G, Tresserra-Rimbau A, Bodega P, de Miguel M, de Cos-Gandoy A, Rodriguez C, Carral V, Orrit X, Haro D, Carvajal I, Ibanez B, Storniolo C, Domenech M, Estruch R, Fernandez-Alvira JM, Lamuela-Raventos RM, Fuster V. *Rationale and design of the school-based SI! Program to face obesity and promote health among Spanish adolescents: A cluster-randomized controlled trial*. Am Heart J. 2019;215:27-40. Epub 2019/07/06. doi: 10.1016/j.ahj.2019.03.014.
1116. Ibanez B, Aletras AH, Arai AE, Arheden H, Bax J, Berry C, Bucciarelli-Ducci C, Croisille P, Dall'Armellina E, Dharmakumar R, Eitel I, Fernandez-Jimenez R, Friedrich MG, Garcia-Dorado D, Hausenloy DJ, Kim RJ, Kozerke S, Kramer CM, Salerno M, Sanchez-Gonzalez J, Sanz J, Fuster V. *Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel*. J Am Coll Cardiol. 2019;74(2):238-56. Epub 2019/07/13. doi: 10.1016/j.jacc.2019.05.024.
1117. Redondo-Bravo L, Fernandez-Alvira JM, Gorriz J, Mendiguren JM, Sanz J, Fernandez-Friera L, Garcia-Ruiz JM, Fernandez-Ortiz A, Ibanez B, Bueno H, Fuster V. *Does Socioeconomic Status*

Influence the Risk of Subclinical Atherosclerosis?: A Mediation Model. J Am Coll Cardiol. 2019;74(4):526-35. Epub 2019/07/28. doi: 10.1016/j.jacc.2019.05.042.

1118. Vedanthan R, Lee DJ, Kamano JH, Herasme OI, Kiptoo P, Tulienge D, Kimaiyo S, Balasubramanian H, Fuster V. *Hypertension management in rural western Kenya: a needs-based health workforce estimation model*. Human resources for health. 2019;17(1):57. Epub 2019/07/18. doi: 10.1186/s12960-019-0389-x.
1119. Grapsa J, Fuster V. *JACC: Case Reports: New Era of Clinical Cases, Bridging Patients With Guidelines*. J Am Coll Cardiol. 2019;74(6):818-9. Epub 2019/08/10. doi: 10.1016/j.jacc.2019.07.003.
1120. Fuster V. *An Homage to Peer Reviewers: Strengthening Our "Bundle of Sticks"*. J Am Coll Cardiol. 2019;74(9):1269-70. Epub 2019/08/31. doi: 10.1016/j.jacc.2019.07.039.
1121. Vedanthan R, Kamano JH, DeLong AK, Naanyu V, Binanay CA, Bloomfield GS, Chrysanthopoulou SA, Finkelstein EA, Hogan JW, Horowitz CR, Inui TS, Menya D, Orango V, Velazquez EJ, Were MC, Kimaiyo S, Fuster V. *Community Health Workers Improve Linkage to Hypertension Care in Western Kenya*. J Am Coll Cardiol. 2019;74(15):1897-906. Epub 2019/09/06. doi: 10.1016/j.jacc.2019.08.003.
1122. Arbab-Zadeh A, Fuster V. *From Detecting the Vulnerable Plaque to Managing the Vulnerable Patient: JACC State-of-the-Art Review*. J Am Coll Cardiol. 2019;74(12):1582-93. Epub 2019/09/21. doi: 10.1016/j.jacc.2019.07.062.
1123. Cortes-Canteli M, Kruyer A, Fernandez-Nueda I, Marcos-Diaz A, Ceron C, Richards AT, Jno-Charles OC, Rodriguez I, Callejas S, Norris EH, Sanchez-Gonzalez J, Ruiz-Cabello J, Ibanez B, Strickland S, Fuster V. *Long-Term Dabigatran Treatment Delays Alzheimer's Disease Pathogenesis in the TgCRND8 Mouse Model*. J Am Coll Cardiol. 2019;74(15):1910-23. Epub 2019/10/12. doi: 10.1016/j.jacc.2019.07.081.
1125. Qintar M, Humphries KH, Park JE, Arnold SV, Tang Y, Jones P, Salisbury AC, Kureshi F, Farkouh ME, Fuster V, Cohen DJ, Spertus JA. *Individualizing Revascularization Strategy for Diabetic Patients With Multivessel Coronary Disease*. J Am Coll Cardiol. 2019;74(16):2074-84. Epub 2019/10/19. doi: 10.1016/j.jacc.2019.07.083.
1127. Mortensen MB, Fuster V, Mehran R, Baber U, Falk E. *Reply: "Zero": The New Superhero or Superhero in Training?* J Am Coll Cardiol. 2019;74(18):2331-2. Epub 2019/11/02. doi: 10.1016/j.jacc.2019.09.001.
1128. Fernandez-Jimenez R, Jaslow R, Bansilal S, Diaz-Munoz R, Fatterpekar M, Santana M, Clarke-Littman A, Latina J, Soto AV, Hill CA, Al-Kazaz M, Samtani R, Vedanthan R, Giannarelli C, Kovacic JC, Bagiella E, Kasarskis A, Fayad ZA, Fuster V. *Different Lifestyle Interventions in Adults from Underserved Communities: The FAMILIA Trial*. J Am Coll Cardiol. 2020;75(1):7-14. Epub 2019/11/15. doi: 10.1016/j.jacc.2019.10.021.
1129. Mensah GA, Roth GA, Fuster V. *The Global Burden of Cardiovascular Diseases and Risk Factors: 2020 and Beyond*. J Am Coll Cardiol. 2019;74(20):2529-32. Epub 2019/11/16. doi: 10.1016/j.jacc.2019.10.009.
1130. Rossello X, Lopez-Ayala P, Fernandez-Jimenez R, Oliver E, Galan-Arriola C, de Molina-Iracheta A, Aguero J, Lopez GJ, Lobo-Gonzalez M, Vilchez-Tschischke JP, Fuster V, Sanchez-Gonzalez J, Ibanez B. *R2 prime (R2') magnetic resonance imaging for post-myocardial infarction intramyocardial haemorrhage quantification*. Eur Heart J Cardiovasc Imaging. 2020;21(9):1031-8. Epub 2019/12/19. doi: 10.1093/ehjci/jez306.
1131. Castellano Vazquez JM, Fernandez Alvira JM, Fuster V. *Primordial prevention: paramount in cardiovascular prevention*. Rev Esp Cardiol. 2020;73(3):194-6. Epub 2019/12/14. doi: 10.1016/j.rec.2019.09.017.
1132. Fernandez-Jimenez R, Wang TJ, Fuster V, Blot WJ. *Low-Dose Aspirin for Primary Prevention*

of Cardiovascular Disease: Use Patterns and Impact Across Race and Ethnicity in the Southern Community Cohort Study. J Am Heart Assoc. 2019;8(24):e013404. Epub 2019/12/12. doi: 10.1161/JAHA.119.013404.

1133. Haider N, Bosca L, Zandbergen HR, Kovacic JC, Narula N, Gonzalez-Ramos S, Fernandez-Velasco M, Agrawal S, Paz-Garcia M, Gupta S, DeLeon-Pennell K, Fuster V, Ibanez B, Narula J. *Transition of Macrophages to Fibroblast-Like Cells in Healing Myocardial Infarction*. J Am Coll Cardiol. 2019;74(25):3124-35. Epub 2019/12/21. doi: 10.1016/j.jacc.2019.10.036.
1134. Latina J, Fernandez-Jimenez R, Bansilal S, Sartori S, Vedanthan R, Lewis M, Kofler C, Hunn M, Martin F, Bagiella E, Farkouh M, Fuster V. *Grenada Heart Project-Community Health ActioN to EncouraGe healthy BEhaviors (GHP-CHANGE): A randomized control peer group-based lifestyle intervention*. Am Heart J. 2019;220:20-8. Epub 2019/11/26. doi: 10.1016/j.ahj.2019.08.022.
1135. Fuster V, Mann D. *The Art and Challenge of Crafting a Central Illustration or Visual Abstract*. J Am Coll Cardiol. 2019;74(22):2816-20. Epub 2019/11/30. doi: 10.1016/j.jacc.2019.10.035.
1136. Fuster V. *In Memoriam of Alfred Bove, MD, PhD: My Personal Encounters in 4 Phases*. J Am Coll Cardiol. 2019;74(25):3174-5. Epub 2019/12/02. doi: 10.1016/j.jacc.2019.11.006.
1137. Yin X, Willinger CM, Keefe J, Liu J, Fernandez-Ortiz A, Ibanez B, Penalvo J, Adourian A, Chen G, Corella D, Pamplona R, Portero-Otin M, Jove M, Courchesne P, van Duijn CM, Fuster V, Ordovas JM, Demirkan A, Larson MG, Levy D. *Lipidomic profiling identifies signatures of metabolic risk*. EBioMedicine. 2020;51:102520. Epub 2019/12/27. doi: 10.1016/j.ebiom.2019.10.046.
1138. Russo M, Kim HO, Kurihara O, Araki M, Shinohara H, Thondapu V, Yonetsu T, Soeda T, Minami Y, Higuma T, Lee H, Fracassi F, Vergallo R, Niccoli G, Crea F, Fuster V, Jang IK. *Characteristics of non-culprit plaques in acute coronary syndrome patients with layered culprit plaque*. Eur Heart J Cardiovasc Imaging. 2019. Epub 2019/12/19. doi: 10.1093/ehjci/jez308.
1139. Baber U, Zafar MU, Dangas G, Escolar G, Angiolillo DJ, Sharma SK, Kini AS, Sartori S, Joyce L, Vogel B, Farhan S, Gurbel P, Gibson CM, Fuster V, Mehran R, Badimon JJ. *Ticagrelor With or Without Aspirin After PCI: The TWILIGHT Platelet Substudy*. J Am Coll Cardiol. 2020;75(6):578-86. Epub 2020/02/15. doi: 10.1016/j.jacc.2019.11.056.
1140. Fuster V. *Editor-in-Chief's Top Picks From 2019*. J Am Coll Cardiol. 2020;75(7):776-834. Epub 2020/02/23. doi: 10.1016/j.jacc.2020.01.002.
1141. Fuster V. *Professor Desmond Julian: The Cardiovascular World Mourns a Giant, I Mourn My Personal Friend and Mentor*. J Am Coll Cardiol. 2020;75(9):1087-8. Epub 2020/02/26. doi: 10.1016/j.jacc.2020.02.001.
1142. Hamczyk MR, Nevado RM, Barettino A, Fuster V, Andres V. *Biological Versus Chronological Aging: JACC Focus Seminar*. J Am Coll Cardiol. 2020;75(8):919-30. Epub 2020/03/05. doi: 10.1016/j.jacc.2019.11.062.
1143. Fernandez-Jimenez R, Briceno G, Cespedes J, Vargas S, Guijarro J, Baxter J, Hunn M, Santos-Beneit G, Rodriguez C, Cespedes MP, Bagiella E, Moreno Z, Carvajal I, Fuster V. *Sustainability of and Adherence to Preschool Health Promotion Among Children 9 to 13 Years Old*. J Am Coll Cardiol. 2020;75(13):1565-78. Epub 2020/04/04. doi: 10.1016/j.jacc.2020.01.051.
1145. Lopez-Melgar B, Fernandez-Friera L, Oliva B, Garcia-Ruiz JM, Sanchez-Cabo F, Bueno H, Mendiguren JM, Lara-Pezzi E, Andres V, Ibanez B, Fernandez-Ortiz A, Sanz J, Fuster V. *Short-Term Progression of Multiterritorial Subclinical Atherosclerosis*. J Am Coll Cardiol. 2020;75(14):1617-27. doi: 10.1016/j.jacc.2020.02.026.
1146. Martinez-Milla J, Galan-Arriola C, Carnero M, Cobiella J, Perez-Camargo D, Bautista-Hernandez V, Rigol M, Solanes N, Villena-Gutierrez R, Lobo M, Mateo J, Vilchez-Tschischke JP, Salinas B, Cusso L, Lopez GJ, Fuster V, Desco M, Sanchez-Gonzalez J, Ibanez B.

Translational large animal model of hibernating myocardium: characterization by serial multimodal imaging. Basic Res Cardiol. 2020;115(3):33. Epub 2020/04/16. doi: 10.1007/s00395-020-0788-0.

1147. Guzik TJ, Fuster V. *Leaders in Cardiovascular Research: Valentin Fuster*. Cardiovasc Res. 2020;116(6):e62-e3. Epub 2020/04/24. doi: 10.1093/cvr/cvaa056.

1149. Martinez-Lopez D, Roldan-Montero R, Garcia-Marques F, Nunez E, Jorge I, Camafeita E, Minguez P, Rodriguez de Cordoba S, Lopez-Melgar B, Lara-Pezzi E, Fernandez-Ortiz A, Ibanez B, Valdivielso JM, Fuster V, Michel JB, Blanco-Colio LM, Vazquez J, Martin-Ventura JL. *Complement C5 Protein as a Marker of Subclinical Atherosclerosis*. J Am Coll Cardiol. 2020;75(16):1926-41. Epub 2020/04/25. doi: 10.1016/j.jacc.2020.02.058.

1151. Garcia-Lunar I, Blanco I, Fernandez-Friera L, Prat-Gonzalez S, Jorda P, Sanchez J, Pereda D, Pujadas S, Rivas M, Sole-Gonzalez E, Vazquez J, Blazquez Z, Garcia-Picart J, Caravaca P, Escalera N, Garcia-Pavia P, Delgado J, Segovia-Cubero J, Fuster V, Roig E, Barbera JA, Ibanez B, Garcia-Alvarez A. *Design of the beta3-Adrenergic Agonist Treatment in Chronic Pulmonary Hypertension Secondary to Heart Failure Trial*. JACC Basic Transl Sci. 2020;5(4):317-27. Epub 2020/05/06. doi: 10.1016/j.jacbts.2020.01.009.

1152. Ferreira da Silva T, Galan-Arriola C, Montesinos P, Lopez-Martin GJ, Desco M, Fuster V, Ibanez B, Sanchez-Gonzalez J. *Single breath-hold saturation recovery 3D cardiac T1 mapping via compressed SENSE at 3T*. MAGMA. 2020. Epub 2020/05/16. doi: 10.1007/s10334-020-00848-2.

1153. Leung CL, Naert M, Andama B, Dong R, Edelman D, Horowitz C, Kiptoo P, Manyara S, Matelong W, Matini E, Naanyu V, Nyariki S, Pastakia S, Valente T, Fuster V, Bloomfield GS, Kamano J, Vedanthan R. *Human-centered design as a guide to intervention planning for non-communicable diseases: the BIGPIC study from Western Kenya*. BMC Health Serv Res. 2020;20(1):415. Epub 2020/05/14. doi: 10.1186/s12913-020-05199-1.

1154. Fuster V, Varieur Turco J. *COVID-19: A Lesson in Humility and an Opportunity for Sagacity and Hope*. J Am Coll Cardiol. 2020;75(20):2625-6. Epub 2020/05/23. doi: 10.1016/j.jacc.2020.04.008.

1155. Podlesnikar T, Pizarro G, Fernandez-Jimenez R, Montero-Cabezas JM, Greif N, Sanchez-Gonzalez J, Bucciarelli-Ducci C, Marsan NA, Fras Z, Bax JJ, Fuster V, Ibanez B, Delgado V. *Left ventricular functional recovery of infarcted and remote myocardium after ST-segment elevation myocardial infarction (METOCARD-CNIC randomized clinical trial substudy)*. J Cardiovasc Magn Reson. 2020;22(1):44. Epub 2020/06/12. doi: 10.1186/s12968-020-00638-8.

1157. Sipido KR, Antonanzas F, Celis J, Degos L, Frackowiak R, Fuster V, Ganten D, Gay S, Hofstraat H, Holgate ST, Krestin G, Manns M, Meunier F, Oertel W, Palkonen S, Pavalkis D, Rubsamen-Schaeff H, Smith U, Stallknecht BM, Zima T. *Overcoming fragmentation of health research in Europe: lessons from COVID-19*. Lancet. 2020;395(10242):1970-1. Epub 2020/06/20. doi: 10.1016/S0140-6736(20)31411-2.

1158. Grapsa J, Fuster V. *JACC: Case Reports: Moving to a Multimedia Educational Vehicle*. J Am Coll Cardiol. 2020;75(24):3096-7. Epub 2020/06/20. doi: 10.1016/j.jacc.2020.05.020.

1159. Galan-Arriola C, Villena-Gutierrez R, Higuero-Verdejo MI, Diaz-Rengifo IA, Pizarro G, Lopez GJ, de Molina-Iracheta A, Perez-Martinez C, Garcia RD, Gonzalez-Calle D, Lobo M, Sanchez PL, Oliver E, Cordoba R, Fuster V, Sanchez-Gonzalez J, Ibanez B. *Remote Ischemic Preconditioning Ameliorates Anthracycline-induced Cardiotoxicity and Preserves Mitochondrial Integrity*. Cardiovasc Res. 2020. Epub 2020/07/01. doi: 10.1093/cvr/cvaa181.

1160. Gonzalez-Sanchez M, Bartolome F, Antequera D, Puertas-Martin V, Gonzalez P, Gomez-Grande A, Llamas-Velasco S, Herrero-San Martin A, Perez-Martinez D, Villarejo-Galende A, Atienza M, Palomar-Bonet M, Cantero JL, Perry G, Orive G, Ibanez B, Bueno H, Fuster V, Carro E.

Decreased salivary lactoferrin levels are specific to Alzheimer's disease. EBioMedicine. 2020;57:102834. Epub 2020/06/27. doi: 10.1016/j.ebiom.2020.102834.

1161. Podlesnikar T, Pizarro G, Fernandez-Jimenez R, Montero-Cabezas JM, Sanchez-Gonzalez J, Bucciarelli-Ducci C, Ajmone Marsan N, Fras Z, Bax JJ, Fuster V, Ibanez B, Delgado V. *Five-Year Outcomes and Prognostic Value of Feature-Tracking Cardiovascular Magnetic Resonance in Patients Receiving Early Prereperfusion Metoprolol in Acute Myocardial Infarction*. Am J Cardiol. 2020;133:39-47. Epub 2020/08/21. doi: 10.1016/j.amjcard.2020.07.037.

1162. Lobo-Gonzalez M, Galan-Arriola C, Rossello X, Gonzalez-Del-Hoyo M, Vilchez JP, Higuero-Verdejo MI, Garcia-Ruiz JM, Lopez-Martin GJ, Sanchez-Gonzalez J, Oliver E, Pizarro G, Fuster V, Ibanez B. *Metoprolol blunts the time-dependent progression of infarct size*. Basic Res Cardiol. 2020;115(5):55. Epub 2020/08/05. doi: 10.1007/s00395-020-0812-4.

1163. Climie R, Fuster V, Empana JP. *Health Literacy and Primordial Prevention in Childhood-An Opportunity to Reduce the Burden of Cardiovascular Disease*. JAMA Cardiol. 2020. Epub 2020/08/04. doi: 10.1001/jamacardio.2020.2864.

1164. Somani SS, Richter F, Fuster V, De Freitas JK, Naik N, Sigel K, Mount Sinai CIC, Bottinger EP, Levin MA, Fayad Z, Just AC, Charney AW, Zhao S, Glicksberg BS, Lala A, Nadkarni GN. *Characterization of Patients Who Return to Hospital Following Discharge from Hospitalization for COVID-19*. J Gen Intern Med. 2020;35(10):2838-44. Epub 2020/08/21. doi: 10.1007/s11606-020-06120-6.

1165. Lorca R, Jimenez-Blanco M, Garcia-Ruiz JM, Pizarro G, Fernandez-Jimenez R, Garcia-Alvarez A, Fernandez-Friera L, Lobo-Gonzalez M, Fuster V, Rossello X, Ibanez B. *Coexistence of transmural and lateral wavefront progression of myocardial infarction in the human heart*. Rev Esp Cardiol. 2020. Epub 2020/08/29. doi: 10.1016/j.rec.2020.07.007.

1166. Nadkarni GN, Lala A, Bagiella E, Chang HL, Moreno P, Pujadas E, Arvind V, Bose S, Charney AW, Chen MD, Cordon-Cardo C, Dunn AS, Farkouh ME, Glicksberg B, Kia A, Kohli-Seth R, Levin MA, Timsina P, Zhao S, Fayad ZA, Fuster V. *Anticoagulation, Mortality, Bleeding and Pathology Among Patients Hospitalized with COVID-19: A Single Health System Study*. J Am Coll Cardiol. 2020;76(16):1815-26. Epub 2020/08/30. doi: 10.1016/j.jacc.2020.08.041.

1167. Russo M, Fracassi F, Kurihara O, Kim HO, Thondapu V, Araki M, Shinohara H, Sugiyama T, Yamamoto E, Lee H, Vergallo R, Crea F, Biasucci LM, Yonetsu T, Minami Y, Soeda T, Fuster V, Jang IK. *Response by Russo et al Regarding Article, "Healed Plaques in Patients With Stable Angina Pectoris"*. Arterioscler Thromb Vasc Biol. 2020;40(9):e258-e9. Epub 2020/08/28. doi: 10.1161/ATVBAHA.120.314971.

1168. Rossello X, Fuster V, Oliva B, Sanz J, Fernandez Friera LA, Lopez-Melgar B, Mendiguren JM, Lara-Pezzi E, Bueno H, Fernandez-Ortiz A, Ibanez B, Ordovas JM. *Association between body size phenotypes and subclinical atherosclerosis*. J Clin Endocrinol Metab. 2020;105(12):dgaa620. Epub 2020/09/04. doi: 10.1210/clinem/dgaa620.

1169. Sharma SK, Fuster V, Hofstra L, Kini AS, Gianelli A, Narula J. *Lessons learned from reduced acute cardiovascular events and STEMI during Covid-19*. Catheter Cardiovasc Interv. 2020. Epub 2020/09/04. doi: 10.1002/ccd.29209.

1170. Laveriano-Santos EP, Parilli-Moser I, Ramirez-Garza SL, Tresserra-Rimbau A, Storniolo CE, Ruiz-Leon AM, Estruch R, Bodega P, Miguel M, Cos-Gandoy A, Carral V, Santos-Beneit G, Fernandez-Alvira JM, Fernandez-Jimenez R, Fuster V, Lamuela-Raventos RM. *Polyphenols in Urine and Cardiovascular Risk Factors: A Cross-Sectional Analysis Reveals Gender Differences in Spanish Adolescents from the SI! Program*. Antioxidants (Basel). 2020;9(10):910. Epub 2020/09/30. doi: 10.3390/antiox9100910.

1171. Sanchez-Cabo F, Rossello X, Fuster V, Benito F, Manzano JP, Silla JC, Fernandez-Alvira JM, Oliva B, Fernandez-Friera L, Lopez-Melgar B, Mendiguren JM, Sanz J, Ordovas JM, Andres V,

Fernandez-Ortiz A, Bueno H, Ibanez B, Garcia-Ruiz JM, Lara-Pezzi E. *Machine Learning Improves Cardiovascular Risk Definition for Young, Asymptomatic Individuals*. J Am Coll Cardiol. 2020;76(14):1674-85. Epub 2020/10/03. doi: 10.1016/j.jacc.2020.08.017.

1172. de la Chica JA, Gomez-Talavera S, Garcia-Ruiz JM, Garcia-Lunar I, Oliva B, Fernandez-Alvira JM, Lopez-Melgar B, Sanchez-Gonzalez J, de la Pompa JL, Mendiguren JM, Martinez de Vega V, Fernandez-Ortiz A, Sanz J, Fernandez-Friera L, Ibanez B, Fuster V. *Association Between Left Ventricular Noncompaction and Vigorous Physical Activity*. J Am Coll Cardiol. 2020;76(15):1723-33. Epub 2020/10/10. doi: 10.1016/j.jacc.2020.08.030.
1173. Domanski MJ, Tian X, Wu CO, Reis JP, Dey AK, Gu Y, Zhao L, Bae S, Liu K, Hasan AA, Zimrin D, Farkouh ME, Hong CC, Lloyd-Jones DM, Fuster V. *Time Course of LDL Cholesterol Exposure and Cardiovascular Disease Event Risk*. J Am Coll Cardiol. 2020;76(13):1507-16. Epub 2020/09/26. doi: 10.1016/j.jacc.2020.07.059.
1174. MacGrogan D, Martínez-Poveda B, Desvignes JP, Fernandez-Friera L, Gomez MJ, Gil Vilariño E, Callejas Alejano S, García-Pavía P, Solis J, Lucena J, Salgado D, Collod-Béroud G, Faure E, Théron A, Torrents J, Avierinos JF, Montes L, Dopazo A, Fuster V, Ibáñez B, Sánchez-Cabo F, Zaffran S, de la Pompa JL. *Identification of a peripheral blood gene signature predicting aortic valve calcification*. Physiol Genomics. 2020. Epub 2020/10/13. doi: 10.1152/physiolgenomics.00034.2020.
1175. Clemente-Moragón A, Gómez M, Villena-Gutiérrez R, Lalama DV, García-Prieto J, Martínez F, Sánchez-Cabo F, Fuster V, Oliver E, Ibáñez B. *Metoprolol exerts a non-class effect against ischaemia-reperfusion injury by abrogating exacerbated inflammation*. Eur Heart J. 2020. Epub 2020/10/08. doi: 10.1093/eurheartj/ehaa733.
1176. Takahashi K, Serruys PW, Fuster V, Farkouh ME, Spertus JA, Cohen DJ, Park SJ, Park DW, Ahn JM, Kappetein AP, Head SJ, Thuijs DJ, Onuma Y, Kent DM, Steyerberg EW, van Klaveren D, Syntaxes FB, investigators Pt. *Redevelopment and validation of the SYNTAX score II to individualise decision making between percutaneous and surgical revascularisation in patients with complex coronary artery disease: secondary analysis of the multicentre randomised controlled SYNTAXES trial with external cohort validation*. Lancet. 2020. Epub 2020/10/12. doi: 10.1016/S0140-6736(20)32114-0.
1177. Vaid A, Somani S, Russak AJ, De Freitas JK, Chaudhry FF, Paranjpe I, Johnson KW, Lee SJ, Miotto R, Richter F, Zhao S, Beckmann ND, Naik N, Kia A, Timsina P, Lala A, Paranjpe M, Golden E, Danieletto M, Singh M, Meyer D, O'Reilly PF, Huckins L, Kovatch P, Finkelstein J, Freeman RM, Argulian E, Kasarskis A, Percha B, Aberg JA, Bagiella E, Horowitz CR, Murphy B, Nestler EJ, Schadt EE, Cho JH, Cordon-Cardo C, Fuster V, Charney DS, Reich DL, Bottinger EP, Levin MA, Narula J, Fayad ZA, Just AC, Charney AW, Nadkarni GN, Glicksberg B. *Machine Learning to Predict Mortality and Critical Events in COVID-19 Positive New York City Patients: A Cohort Study*. J Med Internet Res. 2020. Epub 2020/10/08. doi: 10.2196/24018.
1178. Armstrong PW, Fuster V. *In Memoriam: James T. Willerson, 1939 to 2020*. J Am Coll Cardiol. 2020. Epub 2020/10/12. doi: 10.1016/j.jacc.2020.09.587.
1179. Turagam MK, Musikantow D, Goldman ME, Bassily-Marcus A, Chu E, Shivamurthy P, Lampert J, Kawamura I, Bokhari M, Whang W, Bier BA, Malick W, Hashemi H, Miller MA, Choudry S, Pumill C, Ruiz-Maya T, Hadley M, Giustino G, Koruth JS, Langan N, Sofi A, Dukkipati SR, Halperin JL, Fuster V, Kohli-Seth R, Reddy VY. *Malignant Arrhythmias in Patients with COVID-19: Incidence, Mechanisms and Outcomes*. Circ Arrhythm Electrophysiol. 2020. Epub 2020/10/08. doi: 10.1161/CIRCEP.120.008920.
1180. Chaudhry F, Kawai H, Johnson KW, Narula N, Shekhar A, Chaudhry F, Nakahara T, Tanimoto T, Kim D, Adapoe M, Blankenberg FG, Mattis JA, Pak KY, Levy PD, Ozaki Y, Arbustini E, Strauss HW, Petrov A, Fuster V, Narula J. *Molecular Imaging of Apoptosis in Atherosclerosis by*

Targeting Cell Membrane Phospholipid Asymmetry. J Am Coll Cardiol. 2020;76(16):1862-74. Epub 2020/10/17. doi: 10.1016/j.jacc.2020.08.047.

1181. Landrigan PJ, Fuller R, Acosta NJR, Adeyi O, Arnold R, Basu NN, Baldé AB, Bertollini R, Bose-O'Reilly S, Boufford JI, Breysse PN, Chiles T, Mahidol C, Coll-Seck AM, Cropper ML, Fobil J, Fuster V, Greenstone M, Haines A, Hanrahan D, Hunter D, Khare M, Krupnick A, Lanphear B, Lohani B, Martin K, Mathiasen KV, McTeer MA, Murray CJL, Ndahimananjara JD, Perera F, Potočnik J, Preker AS, Ramesh J, Rockström J, Salinas C, Samson LD, Sandilya K, Sly PD, Smith KR, Steiner A, Stewart RB, Suk WA, van Schayck OCP, Yadama GN, Yumkella K, Zhong M. *The Lancet Commission on pollution and health.* Lancet. 2018 Feb 3;391(10119):462-512. doi: 10.1016/S0140-6736(17)32345-0. Epub 2017 Oct 19.
1182. Head SJ, Milojevic M, Daemen J, Ahn JM, Boersma E, Christiansen EH, Domanski MJ, Farkouh ME, Flather M, Fuster V, Hlatky MA, Holm NR, Hueb WA, Kamalesh M, Kim YH, Mäkikallio T, Mohr FW, Papageorgiou G, Park SJ, Rodriguez AE, Sabik JF 3rd, Stables RH, Stone GW, Serruys PW, Kappetein AP.*Mortality after coronary artery bypass grafting versus percutaneous coronary intervention with stenting for coronary artery disease: a pooled analysis of individual patient data.* Lancet. 2018 Mar 10;391(10124):939-948. doi: 10.1016/S0140-6736(18)30423-9. Epub 2018 Feb 23.
1183. Farkouh ME, Domanski M, Dangas GD, Godoy LC, Mack MJ, Siami FS, Hamza TH, Shah B, Stefanini GG, Sidhu MS, Tanguay JF, Ramanathan K, Sharma SK, French J, Hueb W, Cohen DJ, Fuster V; FREEDOM Follow-On Study Investigators.*Long-Term Survival Following Multivessel Revascularization in Patients With Diabetes: The FREEDOM Follow-On Study.* J Am Coll Cardiol. 2019 Feb 19;73(6):629-638. doi: 10.1016/j.jacc.2018.11.001. Epub 2018 Nov 11.PMID: 30428398
1184. Vergallo R, Porto I, D'Amario D, Annibali G, Galli M, Benenati S, Bendandi F, Migliaro S, Fracassi F, Aurigemma C, Leone AM, Buffon A, Burzotta F, Trani C, Niccoli G, Liuzzo G, Prati F, Fuster V, Jang IK, Crea F.*Coronary Atherosclerotic Phenotype and Plaque Healing in Patients With Recurrent Acute Coronary Syndromes Compared With Patients With Long-term Clinical Stability: An In Vivo Optical Coherence Tomography Study*. JAMA Cardiol. 2019 Apr 1;4(4):321-329. doi: 10.1001/jamacardio.2019.0275.PMID: 30865212 Free PMC article. Gemelli-IRCCS, Rome, Italy, from March 2009 to February 2016, 105 patients were included in the following groups: (1) patients with rACS, defined as history of at least 3 acute myocardial infarctions (AMIs) or at least 4 ACS with at least 1 AMI; (2) patients with long-standing st …
1185. Dweck MR, Abgral R, Trivieri MG, Robson PM, Karakatsanis N, Mani V, Palmisano A, Miller MA, Lala A, Chang HL, Sanz J, Contreras J, Narula J, Fuster V, Padilla M, Fayad ZA, Kovacic JC.*Hybrid Magnetic Resonance Imaging and Positron Emission Tomography With Fluorodeoxyglucose to Diagnose Active Cardiac Sarcoidosis.* JACC Cardiovasc Imaging. 2018 Jan;11(1):94-107. doi: 10.1016/j.jcmg.2017.02.021. Epub 2017 Jun 14.
1186. Turco JV, Inal-Veith A, Fuster V**.** *Cardiovascular Health Promotion: An Issue That Can No Longer Wait.* J Am Coll Cardiol. 2018 Aug 21;72(8):908-913. doi: 10.1016/j.jacc.2018.07.007.
1187. Fernández-Avilés F, Sanz-Ruiz R, Climent AM, Badimon L, Bolli R, Charron D, Fuster V, Janssens S, Kastrup J, Kim HS, Lüscher TF, Martin JF, Menasché P, Pinto FJ, Simari RD, Stone GW, Terzic A, Willerson JT, Wu JC; TACTICS Writing Group. *Global Overview of the Transnational Alliance for Regenerative Therapies in Cardiovascular Syndromes (TACTICS) Recommendations: A Comprehensive Series of Challenges and Priorities of Cardiovascular Regenerative Medicine.* Circ Res. 2018 Jan 19;122(2):199-201. doi: 10.1161/CIRCRESAHA.117.312099.
1188. Turco JV, Inal-Veith A, Fuster V**.** *Reprint of: Cardiovascular Health Promotion: An Issue That Can No Longer Wait.* J Am Coll Cardiol. 2018 Dec 11;72(23 Pt B):2945-2950. doi:

10.1016/j.jacc.2018.10.018.

1189. Mitter SS, Vedanthan R, Fuster V**.** *The Right Diet for Heart Failure: Finding Morsels for Success.* JACC Heart Fail. 2018 Jan;6(1):63-64. doi: 10.1016/j.jchf.2017.10.004. Epub 2017 Dec 6.

1190. Hadley MB, Vedanthan R, Fuster V**.** *Air pollution and cardiovascular disease: a window of opportunity.* Nat Rev Cardiol. 2018 Apr;15(4):193-194. doi: 10.1038/nrcardio.2017.207. Epub 2018 Jan 3.

1191. Fuster V, Mann DL. *JACC: Basic to Translational Science*: The Apple That Falls Closely to the *JACC* Family Tree. JACC Basic Transl Sci. 2018 May 30;3(2):332-333. doi: 10.1016/j.jacbts.2018.03.004. eCollection 2018 Apr.

1192. Kishore SP, Blank E, Heller DJ, Patel A, Peters A, Price M, Vidula M, Fuster V, Onuma O, Huffman MD, Vedanthan R. *Modernizing the World Health Organization List of Essential Medicines for Preventing and Controlling Cardiovascular Diseases.* J Am Coll Cardiol. 2018 Feb 6;71(5):564-574. doi: 10.1016/j.jacc.2017.11.056.

1193. Fernandez-Jimenez R, Al-Kazaz M, Jaslow R, Carvajal I, Fuster V**.** *Children Present a Window of Opportunity for Promoting Health: JACC Review Topic of the Week.* J Am Coll Cardiol. 2018 Dec 25;72(25):3310-3319. doi: 10.1016/j.jacc.2018.10.031. Epub 2018 Dec 6.

1194. Pinho-Gomes AC, Azevedo L, Ahn JM, Park SJ, Hamza TH, Farkouh ME, Serruys PW, Milojevic M, Kappetein AP, Stone GW, Lamy A, Fuster V, Taggart DP. *Compliance With Guideline-Directed Medical Therapy in Contemporary Coronary Revascularization Trials.* J Am Coll Cardiol. 2018 Feb 13;71(6):591-602. doi: 10.1016/j.jacc.2017.11.068.

1196. Sharma R, Sharma S, Fuster V**.** *Coronary vasospastic angina: a rare case of ergonovine positivity and curative bilateral cardiac sympathectomy.* EuroIntervention. 2018 Dec 20;14(12):e1332-e1333. doi: 10.4244/EIJ-D-18-00144.

1195. Head SJ, Milojevic M, Daemen J, Ahn JM, Boersma E, Christiansen EH, Domanski MJ, Farkouh ME, Flather M, Fuster V, Hlatky MA, Holm NR, Hueb WA, Kamalesh M, Kim YH, Mäkikallio T, Mohr FW, Papageorgiou G, Park SJ, Rodriguez AE, Sabik JF 3rd, Stables RH, Stone GW, Serruys PW, Kappetein AP. *Stroke Rates Following Surgical Versus Percutaneous Coronary Revascularization.* J Am Coll Cardiol. 2018 Jul 24;72(4):386-398. doi: 10.1016/j.jacc.2018.04.071.

1196. Esper RB, Farkouh ME, Ribeiro EE, Hueb W, Domanski M, Hamza TH, Siami FS, Godoy LC, Mathew V, French J, Fuster V**.** *SYNTAX Score in Patients With Diabetes Undergoing Coronary Revascularization in the FREEDOM Trial.* J Am Coll Cardiol. 2018 Dec 11;72(23 Pt A):2826-2837. doi: 10.1016/j.jacc.2018.09.046.PMID: 30522646 Clinical Trial.

1197. Michelis KC, Nomura-Kitabayashi A, Lecce L, Franzén O, Koplev S, Xu Y, Santini MP, D'Escamard V, Lee JTL, Fuster V, Hajjar R, Reddy RC, Chikwe J, Stelzer P, Filsoufi F, Stewart A, Anyanwu A, Björkegren JLM, Kovacic JC. *CD90 Identifies Adventitial Mesenchymal Progenitor Cells in Adult Human Medium- and Large-Sized Arteries.* Stem Cell Reports. 2018 Jul 10;11(1):242-257. doi: 10.1016/j.stemcr.2018.06.001. Epub 2018 Jun 28.

1198. Watase H, Sun J, Hippe DS, Balu N, Li F, Zhao X, Mani V, Fayad ZA, Fuster V, Hatsukami TS, Yuan C. *Carotid Artery Remodeling Is Segment Specific: An In Vivo Study by Vessel Wall Magnetic Resonance Imaging.* Arterioscler Thromb Vasc Biol. 2018 Apr;38(4):927-934. doi: 10.1161/ATVBAHA.117.310296. Epub 2018 Feb 22.

1199. Sillesen H, Sartori S, Sandholt B, Baber U, Mehran R, Fuster V**.** *Carotid plaque thickness and carotid plaque burden predict future cardiovascular events in asymptomatic adult Americans.* Eur Heart J Cardiovasc Imaging. 2018 Sep 1;19(9):1042-1050. doi: 10.1093/ehjci/jex239.

1200. Fernández-Jiménez R, Martin-García A, Barreiro-Pérez M, Sánchez-González J, Fuster V, Sánchez PL, Ibanez B. *Response by Fernández-Jiménez et al to Letters Regarding Article,*

"Dynamic Edematous Response of the Human Heart to Myocardial Infarction: Implications for Assessing Myocardial Area at Risk and Salvage". Circulation. 2018 Apr 17;137(16):1754-1755. doi: 10.1161/CIRCULATIONAHA.117.032882.

1201. Roolvink V, Ottervanger JP, Ibáñez B, Dambrink JH, Gosselink M, Kedhi E, van Royen N, Lipsic E, Remkes W, Piek J, Fuster V, van 't Hof A. *One-year clinical outcome of early administration of intravenous beta-blockers in patients with ST-segment elevation myocardial infarction before primary percutaneous coronary reperfusion.* EuroIntervention. 2018 Aug 20;14(6):688-691. doi: 10.4244/EIJ-D-17-00776.
1202. Podlesnikar T, Pizarro G, Fernández-Jiménez R, Montero-Cabezas JM, Sánchez-González J, Bucciarelli-Ducci C, Ajmone Marsan N, Fras Z, Bax JJ, Fuster V, Ibáñez B, Delgado V. *Effect of Early Metoprolol During ST-Segment Elevation Myocardial Infarction on Left Ventricular Strain: Feature-Tracking Cardiovascular Magnetic Resonance Substudy From the METOCARD-CNIC Trial.* JACC Cardiovasc Imaging. 2019 Jul;12(7 Pt 1):1188-1198. doi: 10.1016/j.jcmg.2018.07.019. Epub 2018 Sep 12.
1203. Mota-Cobian A, Alonso-Farto JC, Fernández-Friera L, Sánchez-González J, López-Melgar B, Jiménez-Borreguero LJ, Fuster V, Ruiz-Cabello J, España S. *The effect of tissue-segmented attenuation maps on PET quantification with a special focus on large arteries.* Rev Esp Med Nucl Imagen Mol (Engl Ed). 2018 Mar-Apr;37(2):94-102. doi: 10.1016/j.remn.2017.03.008. Epub 2017 Jun 20.
1204. Pozo E, Castellano JM, Kanwar A, Deochand R, Castillo-Martin M, Pazos-López P, González-Lengua C, Osman K, Cham M, Cordon-Cardo C, Narula J, Fuster V, Sanz J. *Myocardial Amyloid Quantification with Look-Locker Magnetic Resonance Sequence in Cardiac Amyloidosis. Diagnostic Accuracy in Clinical Practice and Histological Validation.* J Card Fail. 2018 Feb;24(2):78-86. doi: 10.1016/j.cardfail.2017.08.445. Epub 2017 Aug 8.
1205. Raposeiras-Roubin S, Rosselló X, Oliva B, Fernández-Friera L, Mendiguren JM, Andrés V, Bueno H, Sanz J, Martínez de Vega V, Abu-Assi E, Iñiguez A, Fernández-Ortiz A, Ibáñez B, Fuster V**.** *Triglycerides and Residual Atherosclerotic Risk.* J Am Coll Cardiol. 2021 Jun 22;77(24):3031-3041. doi: 10.1016/j.jacc.2021.04.059.
1206. Ibanez B, Fernández-Ortiz A, Fernández-Friera L, García-Lunar I, Andrés V, Fuster V**.** *Progression of Early Subclinical Atherosclerosis (PESA) Study: JACC Focus Seminar 7/8.* J Am Coll Cardiol. 2021 Jul 13;78(2):156-179. doi: 10.1016/j.jacc.2021.05.011.
1207. Cortes-Canteli M, Gispert JD, Salvadó G, Toribio-Fernandez R, Tristão-Pereira C, Falcon C, Oliva B, Mendiguren J, Fernandez-Friera L, Sanz J, Garcia-Ruiz JM, Fernandez-Ortiz A, Sanchez-Gonzalez J, Ibanez B, Molinuevo JL, Fuster V**.** *Subclinical Atherosclerosis and Brain Metabolism in Middle-Aged Individuals: The PESA Study.* J Am Coll Cardiol. 2021 Feb 23;77(7):888-898. doi: 10.1016/j.jacc.2020.12.027.
1208. Roth GA, Mensah GA, Johnson CO, Addolorato G, Ammirati E, Baddour LM, Barengo NC, Beaton AZ, Benjamin EJ, Benziger CP, Bonny A, Brauer M, Brodmann M, Cahill TJ, Carapetis J, Catapano AL, Chugh SS, Cooper LT, Coresh J, Criqui M, DeCleene N, Eagle KA, Emmons-Bell S, Feigin VL, Fernández-Solà J, Fowkes G, Gakidou E, Grundy SM, He FJ, Howard G, Hu F, Inker L, Karthikeyan G, Kassebaum N, Koroshetz W, Lavie C, Lloyd-Jones D, Lu HS, Mirijello A, Temesgen AM, Mokdad A, Moran AE, Muntner P, Narula J, Neal B, Ntsekhe M, Moraes de Oliveira G, Otto C, Owolabi M, Pratt M, Rajagopalan S, Reitsma M, Ribeiro ALP, Rigotti N, Rodgers A, Sable C, Shakil S, Sliwa-Hahnle K, Stark B, Sundström J, Timpel P, Tleyjeh IM, Valgimigli M, Vos T, Whelton PK, Yacoub M, Zuhlke L, Murray C, Fuster V; GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group. *Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study.* J Am Coll Cardiol. 2020 Dec 22;76(25):2982-3021. doi: 10.1016/j.jacc.2020.11.010.

1209. Nadkarni GN, Lala A, Bagiella E, Chang HL, Moreno PR, Pujadas E, Arvind V, Bose S, Charney AW, Chen MD, Cordon-Cardo C, Dunn AS, Farkouh ME, Glicksberg BS, Kia A, Kohli-Seth R, Levin MA, Timsina P, Zhao S, Fayad ZA, Fuster V**.** *Anticoagulation, Bleeding, Mortality, and Pathology in Hospitalized Patients With COVID-19.* J Am Coll Cardiol. 2020 Oct 20;76(16):1815-1826. doi: 10.1016/j.jacc.2020.08.041. Epub 2020 Aug 26.
1210. Giustino G, Croft LB, Stefanini GG, Bragato R, Silbiger JJ, Vicenzi M, Danilov T, Kukar N, Shaban N, Kini A, Camaj A, Bienstock SW, Rashed ER, Rahman K, Oates CP, Buckley S, Elbaum LS, Arkonac D, Fiter R, Singh R, Li E, Razuk V, Robinson SE, Miller M, Bier B, Donghi V, Pisaniello M, Mantovani R, Pinto G, Rota I, Baggio S, Chiarito M, Fazzari F, Cusmano I, Curzi M, Ro R, Malick W, Kamran M, Kohli-Seth R, Bassily-Marcus AM, Neibart E, Serrao G, Perk G, Mancini D, Reddy VY, Pinney SP, Dangas G, Blasi F, Sharma SK, Mehran R, Condorelli G, Stone GW, Fuster V, Lerakis S, Goldman ME. *Characterization of Myocardial Injury in Patients With COVID-19.*J Am Coll Cardiol. 2020 Nov 3;76(18):2043-2055. doi: 10.1016/j.jacc.2020.08.069.
1211. Mechanick JI, Rosenson RS, Pinney SP, Mancini DM, Narula J, Fuster V**.** *Coronavirus and Cardiometabolic Syndrome: JACC Focus Seminar.* J Am Coll Cardiol. 2020 Oct 27;76(17):2024-2035. doi: 10.1016/j.jacc.2020.07.069.
1212. *Coronavirus and CardiovascularDisease, Myocardial Injury and Arrhythmia: JACC Focus Seminar.* Giustino G, Pinney SP, Lala A, Reddy VY, Johnston-Cox HA, Mechanick JI, Halperin JL, Fuster V**.**J Am Coll Cardiol. 2020 Oct 27;76(17):2011-2023. doi: 10.1016/j.jacc.2020.08.059.
1213. Santos-Gallego CG, Requena-Ibanez JA, San Antonio R, Ishikawa K, Watanabe S, Picatoste B, Flores E, Garcia-Ropero A, Sanz J, Hajjar RJ, Fuster V, Badimon JJ. *Empagliflozin Ameliorates Adverse Left Ventricular Remodeling in Nondiabetic Heart Failure by Enhancing Myocardial Energetics.* J Am Coll Cardiol. 2019 Apr 23;73(15):1931-1944. doi: 10.1016/j.jacc.2019.01.056.
1214. Ibanez B, Aletras AH, Arai AE, Arheden H, Bax J, Berry C, Bucciarelli-Ducci C, Croisille P, Dall'Armellina E, Dharmakumar R, Eitel I, Fernández-Jiménez R, Friedrich MG, García-Dorado D, Hausenloy DJ, Kim RJ, Kozerke S, Kramer CM, Salerno M, Sánchez-González J, Sanz J, Fuster V**.** *Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel.* J Am Coll Cardiol. 2019 Jul 16;74(2):238-256. doi: 10.1016/j.jacc.2019.05.024.
1215. Pinney SP, Giustino G, Halperin JL, Mechanick JI, Neibart E, Olin JW, Rosenson RS, Fuster V**.** *Coronavirus Historical Perspective, Disease Mechanisms, and Clinical Outcomes: JACC Focus Seminar.* J Am Coll Cardiol. 2020 Oct 27;76(17):1999-2010. doi: 10.1016/j.jacc.2020.08.058.
1216. Arbab-Zadeh A, Fuster V**.** *From Detecting the Vulnerable Plaque to Managing the Vulnerable Patient: JACC State-of-the-Art Review.*J Am Coll Cardiol. 2019 Sep 24;74(12):1582-1593. doi: 10.1016/j.jacc.2019.07.062.
1217. Haider N, Boscá L, Zandbergen HR, Kovacic JC, Narula N, González-Ramos S, Fernandez-Velasco M, Agrawal S, Paz-García M, Gupta S, DeLeon-Pennell K, Fuster V, Ibañez B, Narula J. *Transition of Macrophages to Fibroblast-Like Cells in Healing Myocardial Infarction.* J Am Coll Cardiol. 2019 Dec 24;74(25):3124-3135. doi: 10.1016/j.jacc.2019.10.036.
1218. Cordon-Cardo C, Pujadas E, Wajnberg A, Sebra R, Patel G, Firpo-Betancourt A, Fowkes M, Sordillo E, Paniz-Mondolfi A, Gregory J, Krammer F, Simon V, Isola L, Soon-Shiong P, Aberg JA, Fuster V, Reich DL. *COVID-19: Staging of a New Disease.*Cancer Cell. 2020 Nov 9;38(5):594-597. doi: 10.1016/j.ccell.2020.10.006. Epub 2020 Oct 10.
1219. Domínguez F, Fuster V, Fernández-Alvira JM, Fernández-Friera L, López-Melgar B, Blanco-Rojo R, Fernández-Ortiz A, García-Pavía P, Sanz J, Mendiguren JM, Ibañez B, Bueno H, Lara-

Pezzi E, Ordovás JM. *Association of Sleep Duration and Quality With Subclinical Atherosclerosis.*J Am Coll Cardiol. 2019 Jan 22;73(2):134-144. doi: 10.1016/j.jacc.2018.10.060.

1220. Turagam MK, Musikantow D, Goldman ME, Bassily-Marcus A, Chu E, Shivamurthy P, Lampert J, Kawamura I, Bokhari M, Whang W, Bier BA, Malick W, Hashemi H, Miller MA, Choudry S, Pumill C, Ruiz-Maya T, Hadley M, Giustino G, Koruth JS, Langan N, Sofi A, Dukkipati SR, Halperin JL, Fuster V, Kohli-Seth R, Reddy VY. *Malignant Arrhythmias in Patients With COVID-19: Incidence, Mechanisms, and Outcomes.* Circ Arrhythm Electrophysiol. 2020 Nov;13(11):e008920. doi: 10.1161/CIRCEP.120.008920. Epub 2020 Oct 7.
1221. Sugiyama T, Yamamoto E, Fracassi F, Lee H, Yonetsu T, Kakuta T, Soeda T, Saito Y, Yan BP, Kurihara O, Takano M, Niccoli G, Crea F, Higuma T, Kimura S, Minami Y, Ako J, Adriaenssens T, Boeder NF, Nef HM, Fujimoto JG, Fuster V, Finn AV, Falk E, Jang IK. *Calcified Plaques in Patients With Acute Coronary Syndromes.* JACC Cardiovasc Interv. 2019 Mar 25;12(6):531-540. doi: 10.1016/j.jcin.2018.12.013.
1222. Qintar M, Humphries KH, Park JE, Arnold SV, Tang Y, Jones P, Salisbury AC, Kureshi F, Farkouh ME, Fuster V, Cohen DJ, Spertus JA. *Individualizing Revascularization Strategy for Diabetic Patients With Multivessel Coronary Disease.* J Am Coll Cardiol. 2019 Oct 22;74(16):2074-2084. doi: 10.1016/j.jacc.2019.07.083.
1223. Fernández-Friera L, Fuster V, López-Melgar B, Oliva B, Sánchez-González J, Macías A, Pérez-Asenjo B, Zamudio D, Alonso-Farto JC, España S, Mendiguren J, Bueno H, García-Ruiz JM, Ibañez B, Fernández-Ortiz A, Sanz J. *Vascular Inflammation in Subclinical Atherosclerosis Detected by Hybrid PET/MRI.*J Am Coll Cardiol. 2019 Apr 2;73(12):1371-1382. doi: 10.1016/j.jacc.2018.12.075.
1224. Paranjpe I, Russak AJ, De Freitas JK, Lala A, Miotto R, Vaid A, Johnson KW, Danieletto M, Golden E, Meyer D, Singh M, Somani S, Manna S, Nangia U, Kapoor A, O'Hagan R, O'Reilly PF, Huckins LM, Glowe P, Kia A, Timsina P, Freeman RM, Levin MA, Jhang J, Firpo A, Kovatch P, Finkelstein J, Aberg JA, Bagiella E, Horowitz CR, Murphy B, Fayad ZA, Narula J, Nestler EJ, Fuster V, Cordon-Cardo C, Charney DS, Reich DL, Just AC, Bottinger EP, Charney AW, Glicksberg BS, Nadkarni GN. *Clinical Characteristics of Hospitalized Covid-19 Patients in New York City.*medRxiv. 2020 Apr 23:2020.04.19.20062117. doi: 10.1101/2020.04.19.20062117. Preprint.
1225. Santos-Gallego CG, Garcia-Ropero A, Mancini D, Pinney SP, Contreras JP, Fergus I, Abascal V, Moreno P, Atallah-Lajam F, Tamler R, Lala A, Sanz J, Fuster V, Badimon JJ. *Rationale and Design of the EMPA-TROPISM Trial (ATRU-4): Are the "Cardiac Benefits" of Empagliflozin Independent of its Hypoglycemic Activity?*Cardiovasc Drugs Ther. 2019 Feb;33(1):87-95. doi: 10.1007/s10557-018-06850-0.
1226. Alvarez-Garcia J, Lee S, Gupta A, Cagliostro M, Joshi AA, Rivas-Lasarte M, Contreras J, Mitter SS, LaRocca G, Tlachi P, Brunjes D, Glicksberg BS, Levin MA, Nadkarni G, Fayad Z, Fuster V, Mancini D, Lala A. *Prognostic Impact of Prior Heart Failure in Patients Hospitalized With COVID-19.* J Am Coll Cardiol. 2020 Nov 17;76(20):2334-2348. doi: 10.1016/j.jacc.2020.09.549. Epub 2020 Oct 28.
1227. Galán-Arriola C, Lobo M, Vílchez-Tschischke JP, López GJ, de Molina-Iracheta A, Pérez-Martínez C, Agüero J, Fernández-Jiménez R, Martín-García A, Oliver E, Villena-Gutierrez R, Pizarro G, Sánchez PL, Fuster V, Sánchez-González J, Ibanez B. *Serial Magnetic Resonance Imaging to Identify Early Stages of Anthracycline-Induced Cardiotoxicity.*J Am Coll Cardiol. 2019 Feb 26;73(7):779-791. doi: 10.1016/j.jacc.2018.11.046.
1228. Böhm M, Kario K, Kandzari DE, Mahfoud F, Weber MA, Schmieder RE, Tsioufis K, Pocock S, Konstantinidis D, Choi JW, East C, Lee DP, Ma A, Ewen S, Cohen DL, Wilensky R, Devireddy CM, Lea J, Schmid A, Weil J, Agdirlioglu T, Reedus D, Jefferson BK, Reyes D, D'Souza R,

Sharp ASP, Sharif F, Fahy M, DeBruin V, Cohen SA, Brar S, Townsend RR; SPYRAL HTN-OFF MED Pivotal Investigators. *Efficacy of catheter-based renal denervation in the absence of antihypertensive medications (SPYRAL HTN-OFF MED Pivotal): a multicentre, randomised, sham-controlled trial.*Lancet. 2020 May 2;395(10234):1444-1451. doi: 10.1016/S0140-6736(20)30554-7. Epub 2020 Mar 29.

1229. Tsilingiri K, de la Fuente H, Relaño M, Sánchez-Díaz R, Rodríguez C, Crespo J, Sánchez-Cabo F, Dopazo A, Alonso-Lebrero JL, Vara A, Vázquez J, Casasnovas JM, Alfonso F, Ibáñez B, Fuster V, Martínez-González J, Martín P, Sánchez-Madrid F. *Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease.*Circulation. 2019 Jan 8;139(2):243-255. doi: 10.1161/CIRCULATIONAHA.118.034326.
1230. Yamamoto E, Yonetsu T, Kakuta T, Soeda T, Saito Y, Yan BP, Kurihara O, Takano M, Niccoli G, Higuma T, Kimura S, Minami Y, Ako J, Adriaenssens T, Boeder NF, Nef HM, Fracassi F, Sugiyama T, Lee H, Crea F, Kimura T, Fujimoto JG, Fuster V, Jang IK. Clinical and Laboratory Predictors for Plaque Erosion in Patients With Acute Coronary Syndromes. J Am Heart Assoc. 2019 Nov 5;8(21):e012322. doi: 10.1161/JAHA.119.012322. Epub 2019 Oct 23.
1231. Mortensen MB, Fuster V, Mehran R, Baber U, Falk E. *Reply: "Zero": The New Superhero or Superhero in Training?*J Am Coll Cardiol. 2019 Nov 5;74(18):2331-2332. doi: 10.1016/j.jacc.2019.09.001.
1232. Mortensen MB, Fuster V, Muntendam P, Mehran R, Baber U, Sartori S, Falk E. *Negative Risk Markers for Cardiovascular Events in the Elderly.*J Am Coll Cardiol. 2019 Jul 9;74(1):1-11. doi: 10.1016/j.jacc.2019.04.049.
1233. Vedanthan R, Ray M, Fuster V, Magenheim E. *Hypertension Treatment Rates and Health Care Worker Density.*Hypertension. 2019 Mar;73(3):594-601. doi: 10.1161/HYPERTENSIONAHA.118.11995.
1234. Hoedemaker NP, Roolvink V, de Winter RJ, van Royen N, Fuster V, García-Ruiz JM, Er F, Gassanov N, Hanada K, Okumura K, Ibáñez B, van 't Hof AW, Damman P. Early intravenous beta-blockers in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: A patient-pooled meta-analysis of randomized clinical trials.Eur Heart J Acute Cardiovasc Care. 2020 Aug;9(5):469-477. doi: 10.1177/2048872619830609. Epub 2019 Feb 14.
1235. Farkouh ME, Sidhu MS, Brooks MM, Vlachos H, Boden WE, Frye RL, Hartigan P, Siami FS, Bittner VA, Chaitman BR, Mancini GBJ, Fuster V**.** *Impact of Chronic Kidney Disease on Outcomes of Myocardial Revascularization in Patients With Diabetes.*J Am Coll Cardiol. 2019 Feb 5;73(4):400-411. doi: 10.1016/j.jacc.2018.11.044.
1236. León DG, López-Yunta M, Alfonso-Almazán JM, Marina-Breysse M, Quintanilla JG, Sánchez-González J, Galán-Arriola C, Castro-Núñez F, González-Ferrer JJ, Ibáñez B, Pérez-Villacastín J, Pérez-Castellano N, Fuster V, Jalife J, Vázquez M, Aguado-Sierra J, Filgueiras-Rama D. *Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction.*Europace. 2019 May 1;21(5):822-832. doi: 10.1093/europace/euy306.
1237. Bodega P, Fernández-Alvira JM, Santos-Beneit G, Cos-Gandoy A, Fernández-Jiménez R, Moreno LA, de Miguel M, Carral V, Orrit X, Carvajal I, Storniolo CE, Tresserra-Rimbau A, Doménech M, Estruch R, Lamuela-Raventós RM, Fuster V**.** *Erratum: Dietary Patterns and Cardiovascular Risk Factors in Spanish Adolescents: A Cross-Sectional Analysis of the SI! Program for Health Promotion in Secondary Schools; Nutrients 2019, 11, 2297.*Nutrients. 2019 Dec 10;11(12):3021. doi: 10.3390/nu11123021.
1238. Bodega P, Fernández-Alvira JM, Santos-Beneit G, de Cos-Gandoy A, Fernández-Jiménez R,

Moreno LA, de Miguel M, Carral V, Orrit X, Carvajal I, Storniolo CE, Tresserra-Rimbau A, Doménech M, Estruch R, Lamuela-Raventós RM, Fuster V**.** *Dietary Patterns and Cardiovascular Risk Factors in Spanish Adolescents: A Cross-Sectional Analysis of the SI! Program for Health Promotion in Secondary Schools.*Nutrients. 2019 Sep 26;11(10):2297. doi: 10.3390/nu11102297.

1239. Santos-Beneit G, Bodega P, de Miguel M, Rodríguez C, Carral V, Orrit X, Haro D, Carvajal I, de Cos-Gandoy A, Peñalvo JL, Gómez-Pardo E, Oliva B, Ibañez B, Fernández-Alvira JM, Fernández-Jiménez R, Fuster V**.** *Rationale and design of the SI! Program for health promotion in elementary students aged 6 to 11 years: A cluster randomized trial.*Am Heart J. 2019 Apr;210:9-17. doi: 10.1016/j.ahj.2018.12.011. Epub 2019 Jan 8.
1240. Paranjpe I, Fuster V, Lala A, Russak AJ, Glicksberg BS, Levin MA, Charney AW, Narula J, Fayad ZA, Bagiella E, Zhao S, Nadkarni GN. Association of Treatment Dose Anticoagulation With In-Hospital Survival Among Hospitalized Patients With COVID-19.J Am Coll Cardiol. 2020 Jul 7;76(1):122-124. doi: 10.1016/j.jacc.2020.05.001. Epub 2020 May 6.
1241. Lala A, Johnson KW, Januzzi JL, Russak AJ, Paranjpe I, Richter F, Zhao S, Somani S, Van Vleck T, Vaid A, Chaudhry F, De Freitas JK, Fayad ZA, Pinney SP, Levin M, Charney A, Bagiella E, Narula J, Glicksberg BS, Nadkarni G, Mancini DM, **Fuster V**; Mount Sinai COVID Informatics Center. *Prevalence and Impact of Myocardial Injury in Patients Hospitalized With COVID-19 Infection.*J Am Coll Cardiol. 2020 Aug 4;76(5):533-546. doi: 10.1016/j.jacc.2020.06.007. Epub 2020 Jun 8.
1242. Ferraro R, Latina JM, Alfaddagh A, Michos ED, Blaha MJ, Jones SR, Sharma G, Trost JC, Boden WE, Weintraub WS, Lima JAC, Blumenthal RS, **Fuster V**, Arbab-Zadeh A. *Evaluation and Management of Patients With Stable Angina: Beyond the Ischemia Paradigm: JACC State-of-the-Art Review.*J Am Coll Cardiol. 2020 Nov 10;76(19):2252-2266. doi: 10.1016/j.jacc.2020.08.078.
1243. Chan L, Chaudhary K, Saha A, Chauhan K, Vaid A, Baweja M, Campbell K, Chun N, Chung M, Deshpande P, Farouk SS, Kaufman L, Kim T, Koncicki H, Lapsia V, Leisman S, Lu E, Meliambro K, Menon MC, Rein JL, Sharma S, Tokita J, Uribarri J, Vassalotti JA, Winston J, Mathews KS, Zhao S, Paranjpe I, Somani S, Richter F, Do R, Miotto R, Lala A, Kia A, Timsina P, Li L, Danieletto M, Golden E, Glowe P, Zweig M, Singh M, Freeman R, Chen R, Nestler E, Narula J, Just AC, Horowitz C, Aberg J, Loos RJF, Cho J, Fayad Z, Cordon-Cardo C, Schadt E, Levin MA, Reich DL, Fuster V, Murphy B, He JC, Charney AW, Bottinger EP, Glicksberg BS, Coca SG, Nadkarni GN. *Acute Kidney Injury in Hospitalized Patients with COVID-19.* medRxiv. 2020 May 8:2020.05.04.20090944. doi: 10.1101/2020.05.04.20090944. Preprint.
1244. Giustino G, Pinney SP, Lala A, Reddy VY, Johnston-Cox HA, Mechanick JI, Halperin JL, Fuster V**.** *Coronavirus and Cardiovascular Disease, Myocardial Injury, and Arrhythmia: JACC Focus Seminar.*J Am Coll Cardiol. 2020 Oct 27;76(17):2011-2023. doi: 10.1016/j.jacc.2020.08.059.
1245. Vaid A, Somani S, Russak AJ, De Freitas JK, Chaudhry FF, Paranjpe I, Johnson KW, Lee SJ, Miotto R, Richter F, Zhao S, Beckmann ND, Naik N, Kia A, Timsina P, Lala A, Paranjpe M, Golden E, Danieletto M, Singh M, Meyer D, O'Reilly PF, Huckins L, Kovatch P, Finkelstein J, Freeman RM, Argulian E, Kasarskis A, Percha B, Aberg JA, Bagiella E, Horowitz CR, Murphy B, Nestler EJ, Schadt EE, Cho JH, Cordon-Cardo C, Fuster V, Charney DS, Reich DL, Bottinger EP, Levin MA, Narula J, Fayad ZA, Just AC, Charney AW, Nadkarni GN, Glicksberg BS. *Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation.*J Med Internet Res. 2020 Nov 6;22(11):e24018. doi: 10.2196/24018.
1246. Santos-Gallego CG, Requena-Ibanez JA, San Antonio R, Garcia-Ropero A, Ishikawa K,

Watanabe S, Picatoste B, Vargas-Delgado AP, Flores-Umanzor EJ, Sanz J, Fuster V, Badimon JJ. *Empagliflozin Ameliorates Diastolic Dysfunction and Left Ventricular Fibrosis/Stiffness in Nondiabetic Heart Failure: A Multimodality Study.*JACC Cardiovasc Imaging. 2021 Feb;14(2):393-407. doi: 10.1016/j.jcmg.2020.07.042. Epub 2020 Oct 29.

1247. Farkouh ME, Godoy LC, Brooks MM, Mancini GBJ, Vlachos H, Bittner VA, Chaitman BR, Siami FS, Hartigan PM, Frye RL, Boden WE, Fuster V**.** *Influence of LDL-Cholesterol Lowering on Cardiovascular Outcomes in Patients With Diabetes Mellitus Undergoing Coronary Revascularization.*J Am Coll Cardiol. 2020 Nov 10;76(19):2197-2207. doi: 10.1016/j.jacc.2020.09.536.

1248. Paranjpe I, Russak AJ, De Freitas JK, Lala A, Miotto R, Vaid A, Johnson KW, Danieletto M, Golden E, Meyer D, Singh M, Somani S, Kapoor A, O'Hagan R, Manna S, Nangia U, Jaladanki SK, O'Reilly P, Huckins LM, Glowe P, Kia A, Timsina P, Freeman RM, Levin MA, Jhang J, Firpo A, Kovatch P, Finkelstein J, Aberg JA, Bagiella E, Horowitz CR, Murphy B, Fayad ZA, Narula J, Nestler EJ, Fuster V, Cordon-Cardo C, Charney D, Reich DL, Just A, Bottinger EP, Charney AW, Glicksberg BS, Nadkarni GN; Mount Sinai COVID Informatics Center (MSCIC). *Retrospective cohort study of clinical characteristics of 2199 hospitalised patients with COVID-19 in New York City.* BMJ Open. 2020 Nov 27;10(11):e040736. doi: 10.1136/bmjopen-2020-040736.

1249. Fuster V, Turco JV. *Pandemics and Clinical Practice: How History Can Inform Our Future.*J Am Coll Cardiol. 2020 Dec 1;76(22):2682-2684. doi: 10.1016/j.jacc.2020.10.025. Epub 2020 Oct 30.

1250. Fuster V, Turco JV. *Protecting Peer Review: Revolutionaries in the Fight for Quality and Against Scientific Misconduct.*J Am Coll Cardiol. 2020 Oct 20;76(16):1902-1904. doi: 10.1016/j.jacc.2020.08.055. Epub 2020 Aug 29.

1251. Roth GA, Mensah GA, Fuster V**.** *The Global Burden of Cardiovascular Diseases and Risks: A Compass for Global Action.*J Am Coll Cardiol. 2020 Dec 22;76(25):2980-2981. doi: 10.1016/j.jacc.2020.11.021.

1252. Russo M, Fracassi F, Kurihara O, Kim HO, Thondapu V, Araki M, Shinohara H, Sugiyama T, Yamamoto E, Lee H, Vergallo R, Crea F, Biasucci LM, Yonetsu T, Minami Y, Soeda T, Fuster V, Jang IK. Healed Plaques in Patients With Stable Angina Pectoris. Arterioscler Thromb Vasc Biol. 2020 Jun;40(6):1587-1597. doi: 10.1161/ATVBAHA.120.314298. Epub 2020 Apr 16.

1253. Vedanthan R, Kumar A, Kamano JH, Chang H, Raymond S, Too K, Tulienge D, Wambui C, Bagiella E, Fuster V, Kimaiyo S. Effect of Nurse-Based Management of Hypertension in Rural Western Kenya.Glob Heart. 2020 Dec 1;15(1):77. doi: 10.5334/gh.856.

1254. Lala A, Januzzi J, Pinney SP, Mancini DM, Fuster V**.** *Reply: What Happened to Electrocardiogram as a Screening Test to Recognize Cardiovascular Complications in COVID-19 Patients?*J Am Coll Cardiol. 2020 Dec 8;76(23):2800-2801. doi: 10.1016/j.jacc.2020.10.013.

1255. Fabris E, Hermanides R, Roolvink V, Ibanez B, Ottervanger JP, Pizarro G, van Royen N, Mateos-Rodriguez A, Dambrink JH, Albarran A, Fernández-Avilés F, Botas J, Remkes W, Hernandez-Jaras V, Kedhi E, Zamorano J, Alfonso F, García-Lledó A, van Leeuwen M, Nijveldt R, Postma S, Kolkman E, Gosselink M, de Smet B, Rasoul S, Lipsic E, Piek JJ, Fuster V, van 't Hof AW. *Beta-blocker effect on ST-segment: a prespecified analysis of the EARLY-BAMI randomised trial.*Open Heart. 2020 Dec;7(2):e001316. doi: 10.1136/openhrt-2020-001316.

1256. Garcia-Lunar I, Blanco I, Fernández-Friera L, Prat-Gonzàlez S, Jordà P, Sánchez J, Pereda D, Pujadas S, Rivas M, Solé-Gonzalez E, Vázquez J, Blázquez Z, García-Picart J, Caravaca P, Escalera N, Garcia-Pavia P, Delgado J, Segovia-Cubero J, Fuster V, Roig E, Barberá JA, Ibanez B, García-Álvarez A. *Design of the β3-Adrenergic Agonist Treatment in Chronic Pulmonary Hypertension Secondary to Heart Failure Trial.*JACC Basic Transl Sci. 2020 Mar 11;5(4):317-

327. doi: 10.1016/j.jacbts.2020.01.009. eCollection 2020 Apr.

1257. Okamoto N, Vengrenyuk Y, Fuster V, Samady H, Yasumura K, Baber U, Barman N, Suleman J, Sweeny J, Krishnan P, Mehran R, Sharma SK, Narula J, Kini AS. *Relationship between high shear stress and OCT-verified thin-cap fibroatheroma in patients with coronary artery disease.* PLoS One. 2020 Dec 17;15(12):e0244015. doi: 10.1371/journal.pone.0244015. eCollection 2020.

1258. Leung CL, Naert M, Andama B, Dong R, Edelman D, Horowitz C, Kiptoo P, Manyara S, Matelong W, Matini E, Naanyu V, Nyariki S, Pastakia S, Valente T, Fuster V, Bloomfield GS, Kamano J, Vedanthan R. *Human-centered design as a guide to intervention planning for non-communicable diseases: the BIGPIC study from Western Kenya.*BMC Health Serv Res. 2020 May 12;20(1):415. doi: 10.1186/s12913-020-05199-1.

1259. Leung CL, Naert M, Andama B, Dong R, Edelman D, Horowitz C, Kiptoo P, Manyara S, Matelong W, Matini E, Naanyu V, Nyariki S, Pastakia S, Valente T, Fuster V, Bloomfield GS, Kamano J, Vedanthan R. *Correction to: Human-centered design as a guide to intervention planning for non-communicable diseases: the BIGPIC study from Western Kenya.*BMC Health Serv Res. 2020 Aug 12;20(1):738. doi: 10.1186/s12913-020-05345-9.

1260. Fuster V**.** *Editor-in-Chief's Top Picks From 2020.*J Am Coll Cardiol. 2021 Feb 23;77(7):937-997. doi: 10.1016/j.jacc.2020.12.044.

1261. Bansilal S, Vedanthan R, Kovacic JC, Soto AV, Latina J, Björkegren JLM, Jaslow R, Santana M, Sartori S, Giannarelli C, Mani V, Hajjar R, Schadt E, Kasarskis A, Fayad ZA, Fuster V**.** *Rationale and Design of Family-Based Approach in a Minority Community Integrating Systems-Biology for Promotion of Health (FAMILIA).*Am Heart J. 2017 May;187:170-181. doi: 10.1016/j.ahj.2017.02.020. Epub 2017 Feb 22.

1262. Fernandez-Jimenez R, Santos-Beneit G, de Cos-Gandoy A, Fernández-Alvira JM, Tresserra-Rimbau A, Storniolo C, Domènech M, Laveriano-Santos EP, Bodega P, de Miguel M, Rodríguez C, Carvajal I, Ibañez B, Estruch R, Lamuela-Raventós RM, Fuster V**.** *Prevalence and correlates of cardiovascular health among early adolescents enrolled in the SI! Program in Spain: a cross-sectional analysis.*Eur J Prev Cardiol. 2020 Nov 5:zwaa096. doi: 10.1093/eurjpc/zwaa096. Online ahead of print.

1263. Kovacic JC, Fuster V**.** *From treating complex coronary artery disease to promoting cardiovascular health: therapeutic transitions and challenges, 2010-2020.*Clin Pharmacol Ther. 2011 Oct;90(4):509-18. doi: 10.1038/clpt.2011.173. Epub 2011 Sep 7.

1264. Lobatto ME, Fayad ZA, Silvera S, Vucic E, Calcagno C, Mani V, Dickson SD, Nicolay K, Banciu M, Schiffelers RM, Metselaar JM, van Bloois L, Wu HS, Fallon JT, Rudd JH, Fuster V, Fisher EA, Storm G, Mulder WJ. *Multimodal clinical imaging to longitudinally assess a nanomedical anti-inflammatory treatment in experimental atherosclerosis.*Mol Pharm. 2010 Dec 6;7(6):2020-9. doi: 10.1021/mp100309y. Epub 2010 Nov 8.

1265. Fuster V**.** *[Applied cardiological research. Challenges for the new millenium]*Rev Esp Cardiol. 2002 Apr;55(4):327-32. doi: 10.1016/s0300-8932(02)76609-8.

1266. Dong R, Leung C, Naert MN, Naanyu V, Kiptoo P, Matelong W, Matini E, Orango V, Bloomfield GS, Edelman D, Fuster V, Manyara S, Menya D, Pastakia SD, Valente T, Kamano J, Horowitz CR, Vedanthan R. *Chronic disease stigma, skepticism of the health system, and socio-economic fragility: Qualitative assessment of factors impacting receptiveness to group medical visits and microfinance for non-communicable disease care in rural Kenya.* PLoS One. 2021 Jun 7;16(6):e0248496. doi: 10.1371/journal.pone.0248496. eCollection 2021.

1267. Sikka N, DeLong A, Kamano J, Kimaiyo S, Orango V, Andesia J, Fuster V, Hogan J, Vedanthan R. *Sex differences in health status, healthcare utilization, and costs among individuals with elevated blood pressure: the LARK study from Western Kenya.* BMC Public Health. 2021 May

19;21(1):948. doi: 10.1186/s12889-021-10995-3.

1268. Vedanthan R, Kamano JH, Chrysanthopoulou SA, Mugo R, Andama B, Bloomfield GS, Chesoli CW, DeLong AK, Edelman D, Finkelstein EA, Horowitz CR, Manyara S, Menya D, Naanyu V, Orango V, Pastakia SD, Valente TW, Hogan JW, Fuster V**.** *Group Medical Visit and Microfinance Intervention for Patients With Diabetes or Hypertension in Kenya.*J Am Coll Cardiol. 2021 Apr 27;77(16):2007-2018. doi: 10.1016/j.jacc.2021.03.002.

1269. Musikantow DR, Turagam MK, Sartori S, Chu E, Kawamura I, Shivamurthy P, Bokhari M, Oates C, Zhang C, Pumill C, Malick W, Hashemi H, Ruiz-Maya T, Hadley MB, Gandhi J, Sperling D, Whang W, Koruth JS, Langan MN, Sofi A, Gomes A, Harcum S, Cammack S, Ellsworth B, Dukkipati SR, Bassily-Marcus A, Kohli-Seth R, Goldman ME, Halperin JL, Fuster V, Reddy VY. *Atrial Fibrillation in Patients Hospitalized With COVID-19: Incidence, Predictors, Outcomes and Comparison to Influenza.* JACC Clin Electrophysiol. 2021 Feb 24:S2405-500X(21)00135-3. doi: 10.1016/j.jacep.2021.02.009. Online ahead of print.

1270. Baber U, Azzalini L, Masoomi R, Johal G, Barman N, Sweeny J, Krishnan P, Dangas G, Vijay P, Jahveri VB, Mehran R, Fuster V, Kini AS, Sharma SK. *Hemoglobin A_{1c} and Cardiovascular Outcomes Following Percutaneous Coronary Intervention: Insights From a Large Single-Center Registry.* JACC Cardiovasc Interv. 2021 Feb 22;14(4):388-397. doi: 10.1016/j.jcin.2020.10.008.

1271. de la Chica JA, García-Lunar I, Oliva B, Fuster V, Ibáñez B. *Reply: Physical Activity-Related Left Ventricular Trabeculation: More Uncertainty Than Ever.*J Am Coll Cardiol. 2021 Feb 9;77(5):663-665. doi: 10.1016/j.jacc.2020.12.002.

1272. Blanco-Domínguez R, Sánchez-Díaz R, de la Fuente H, Jiménez-Borreguero LJ, Matesanz-Marín A, Relaño M, Jiménez-Alejandre R, Linillos-Pradillo B, Tsilingiri K, Martín-Mariscal ML, Alonso-Herranz L, Moreno G, Martín-Asenjo R, García-Guimaraes MM, Bruno KA, Dauden E, González-Álvaro I, Villar-Guimerans LM, Martínez-León A, Salvador-Garicano AM, Michelhaugh SA, Ibrahim NE, Januzzi JL, Kottwitz J, Iliceto S, Plebani M, Basso C, Baritussio A, Seguso M, Marcolongo R, Ricote M, Fairweather D, Bueno H, Fernández-Friera L, Alfonso F, Caforio ALP, Pascual-Figal DA, Heidecker B, Lüscher TF, Das S, Fuster V, Ibáñez B, Sánchez-Madrid F, Martín P. *A Novel Circulating MicroRNA for the Detection of Acute Myocarditis.* N Engl J Med. 2021 May 27;384(21):2014-2027. doi: 10.1056/NEJMoa2003608.

1273. Rossello X, Raposeiras-Roubin S, Oliva B, Sánchez-Cabo F, García-Ruíz JM, Caimari F, Mendiguren JM, Lara-Pezzi E, Bueno H, Fernández-Friera L, Fernández-Ortiz A, Sanz J, Ibanez B, Fuster V**.** *Glycated Hemoglobin and Subclinical Atherosclerosis in People Without Diabetes.* J Am Coll Cardiol. 2021 Jun 8;77(22):2777-2791. doi: 10.1016/j.jacc.2021.03.335.

1274. Fernández-Alvira JM, Fernández-Jiménez R, de Miguel M, Santos-Beneit G, Bodega P, Hill CA, Carral V, Rodríguez C, Carvajal I, Orrit X, de Cos-Gandoy A, Re MD, Robledo T, Fuster V**.** *The challenge of sustainability: long-term results from the Fifty-Fifty peer group-based intervention in cardiovascular risk factors.* Am Heart J. 2021 Jun 17:S0002-8703(21)00162-9. doi: 10.1016/j.ahj.2021.06.006. Online ahead of print.

1275. Fuster V**.** *Technology and the Pandemic: A Tool We Must Wield to Maintain Our Humanity.* J Am Coll Cardiol. 2021 Mar 2;77(8):1139-1140. doi: 10.1016/j.jacc.2021.01.022. Epub 2021 Feb 11.

1276. Lai AC, Bienstock SW, Sharma R, Skorecki K, Beerkens F, Samtani R, Coyle A, Kim T, Baber U, Camaj A, Power D, Fuster V, Goldman ME. *A Personalized Approach to Chronic Kidney Disease and Cardiovascular Disease: JACC Review Topic of the Week.* J Am Coll Cardiol. 2021 Mar 23;77(11):1470-1479. doi: 10.1016/j.jacc.2021.01.028.

1277. Galán-Arriola C, Vílchez-Tschischke JP, Lobo M, López GJ, de Molina-Iracheta A, Pérez-Martínez C, Villena-Gutiérrez R, Macías Á, Díaz-Rengifo IA, Oliver E, Fuster V, Sánchez-González J, Ibanez B. *Coronary microcirculation damage in anthracycline cardiotoxicity.*

Cardiovasc Res. 2022 Jan 29;118(2):531-541. doi: 10.1093/cvr/cvab053.PMID: 33605403 Free PMC article.

1278. Raposeiras-Roubin S, Rosselló X, Oliva B, Fernández-Friera L, Mendiguren JM, Andrés V, Bueno H, Sanz J, Martínez de Vega V, Abu-Assi E, Iñiguez A, Fernández-Ortiz A, Ibáñez B, Fuster V**.** *Triglycerides and Residual Atherosclerotic Risk.* J Am Coll Cardiol. 2021 Jun 22;77(24):3031-3041. doi: 10.1016/j.jacc.2021.04.059.

1279. Grapsa J, Fuster V**.** *JACC: Case Reports: A Year of Transformation.* J Am Coll Cardiol. 2021 Jun 29;77(25):3226-3227. doi: 10.1016/j.jacc.2021.05.029.

1280. Turco JV, Mearns BM, Fuster V**.** *JACC Pivots to History to Inspire Creativity.* J Am Coll Cardiol. 2021 Jun 1;77(21):2747-2748. doi: 10.1016/j.jacc.2021.04.041.

1281. Galán-Arriola C, Villena-Gutiérrez R, Higuero-Verdejo MI, Díaz-Rengifo IA, Pizarro G, López GJ, Molina-Iracheta A, Pérez-Martínez C, García RD, González-Calle D, Lobo M, Sánchez PL, Oliver E, Córdoba R, Fuster V, Sánchez-González J, Ibanez B. *Remote ischaemic preconditioning ameliorates anthracycline-induced cardiotoxicity and preserves mitochondrial integrity.* Cardiovasc Res. 2021 Mar 21;117(4):1132-1143. doi: 10.1093/cvr/cvaa181.

1282. García-Lunar I, Fuster V, Ibanez B. *Good night, sleep tight.*Eur Heart J. 2021 Jun 1;42(21):2100-2102. doi: 10.1093/eurheartj/ehab181.

1283. Cecconi A, Vilchez-Tschischke JP, Mateo J, Sanchez-Gonzalez J, España S, Fernandez-Jimenez R, Lopez-Melgar B, Fernández Friera L, López-Martín GJ, Fuster V, Ruiz-Cabello J, Ibañez B.J *Effects of Colchicine on Atherosclerotic Plaque Stabilization: a Multimodality Imaging Study in an Animal Model.* Cardiovasc Transl Res. 2021 Feb;14(1):150-160. doi: 10.1007/s12265-020-09974-7. Epub 2020 Mar 5.

1284. Santos-Gallego CG, Vargas-Delgado AP, Requena-Ibanez JA, Garcia-Ropero A, Mancini D, Pinney S, Macaluso F, Sartori S, Roque M, Sabatel-Perez F, Rodriguez-Cordero A, Zafar MU, Fergus I, Atallah-Lajam F, Contreras JP, Varley C, Moreno PR, Abascal VM, Lala A, Tamler R, Sanz J, Fuster V, Badimon JJ; EMPA-TROPISM (ATRU-4) Investigators. *Randomized Trial of Empagliflozin in Nondiabetic Patients With Heart Failure and Reduced Ejection Fraction.* J Am Coll Cardiol. 2021 Jan 26;77(3):243-255. doi: 10.1016/j.jacc.2020.11.008. Epub 2020 Nov 13.

1285. Chan L, Chaudhary K, Saha A, Chauhan K, Vaid A, Zhao S, Paranjpe I, Somani S, Richter F, Miotto R, Lala A, Kia A, Timsina P, Li L, Freeman R, Chen R, Narula J, Just AC, Horowitz C, Fayad Z, Cordon-Cardo C, Schadt E, Levin MA, Reich DL, Fuster V, Murphy B, He JC, Charney AW, Böttinger EP, Glicksberg BS, Coca SG, Nadkarni GN; Mount Sinai COVID Informatics Center (MSCIC). *AKI in Hospitalized Patients with COVID-19.* J Am Soc Nephrol. 2021 Jan;32(1):151-160. doi: 10.1681/ASN.2020050615. Epub 2020 Sep 3.

1286. Grapsa J, Fuster V. *JACC Case Reports: A Year of Transformation.*JACC Case Rep. 2021 Jun 16;3(6):989-990. doi: 10.1016/j.jaccas.2021.05.004. eCollection 2021 Jun.

1287. Requena-Ibáñez JA, Santos-Gallego CG, Rodriguez-Cordero A, Vargas-Delgado AP, Mancini D, Sartori S, Atallah-Lajam F, Giannarelli C, Macaluso F, Lala A, Sanz J, Fuster V, Badimon JJ. *Mechanistic Insights of Empagliflozin in Nondiabetic Patients With HFrEF: From the EMPA-TROPISM Study.* JACC Heart Fail. 2021 Aug;9(8):578-589. doi: 10.1016/j.jchf.2021.04.014.

1288. Lecce L, Xu Y, V'Gangula B, Chandel N, Pothula V, Caudrillier A, Santini MP, d'Escamard V, Ceholski DK, Gorski PA, Ma L, Koplev S, Bjørklund MM, Björkegren JL, Boehm M, Bentzon JF, Fuster V, Kim HW, Weintraub NL, Baker AH, Bernstein E, Kovacic JC. *Histone deacetylase 9 promotes endothelial-mesenchymal transition and an unfavorable atherosclerotic plaque phenotype.*J Clin Invest. 2021 Aug 2;131(15):e131178. doi: 10.1172/JCI131178.

1289. Díaz-Munoz R, Valle-Caballero MJ, Sanchez-Gonzalez J, Pizarro G, García-Rubira JC, Escalera N, Fuster V, Fernández-Jiménez R, Ibanez B. *Intravenous metoprolol during ongoing STEMI*

ameliorates markers of ischemic injury: a METOCARD-CNIC trial electrocardiographic study. Basic Res Cardiol. 2021 Jul 19;116(1):45. doi: 10.1007/s00395-021-00884-6.PMID: 34279726

1290. Wang R, Serruys PW, Gao C, Hara H, Takahashi K, Ono M, Kawashima H, O'leary N, Holmes DR, Witkowski A, Curzen N, Burzotta F, James S, van Geuns RJ, Kappetein AP, Morel MA, Head SJ, Thuijs DJFM, Davierwala PM, O'Brien T, Fuster V, Garg S, Onuma Y. *Ten-year all-cause death after percutaneous or surgical revascularization in diabetic patients with complex coronary artery disease.* Eur Heart J. 2021 Dec 28;43(1):56-67. doi: 10.1093/eurheartj/ehab441.PMID: 34405232 Free PMC article. Clinical Trial.

1291. Rossello X, Raposeiras-Roubin S, Latini R, Dominguez-Rodriguez A, Barrabés JA, Sánchez PL, Anguita M, Fernández-Vázquez F, Pascual-Figal D, De la Torre Hernandez JM, Ferraro S, Vetrano A, Pérez-Rivera JA, Prada-Delgado O, Escalera N, Staszewsky L, Pizarro G, Agüero J, Pocock S, Ottani F, Fuster V, Ibáñez B; REBOOT-CNIC investigators. *The CNIC-Polypill reduces recurrent major cardiovascular events in real-life secondary prevention patients in Spain: The NEPTUNO sturacTion (REBOOT).*Eur Heart J Cardiovasc Pharmacother. 2021 Aug 5:pvab060. doi: 10.1093/ehjcvp/pvab060. Online ahead of print.

1292. Gómez-Talavera S, Fernandez-Jimenez R, Fuster V, Nothnagel ND, Kouwenhoven M, Clemence M, García-Lunar I, Gómez-Rubín MC, Navarro F, Pérez-Asenjo B, Fernández-Friera L, Calero MJ, Orejas M, Cabrera JA, Desco M, Pizarro G, Ibáñez B, Sánchez-González J. *Clinical Validation of a 3-Dimensional Ultrafast Cardiac Magnetic Resonance Protocol Including Single Breath-Hold 3-Dimensional Sequences.* JACC Cardiovasc Imaging. 2021 Sep;14(9):1742-1754. doi: 10.1016/j.jcmg.2021.02.031.

1293. Ruchman SG, Delong AK, Kamano JH, Bloomfield GS, Chrysanthopoulou SA, Fuster V, Horowitz CR, Kiptoo P, Matelong W, Mugo R, Naanyu V, Orango V, Pastakia SD, Valente TW, Hogan JW, Vedanthan R. *Egocentric social network characteristics and cardiovascular risk among patients with hypertension or diabetes in western Kenya: a cross-sectional analysis from the BIGPIC trial*. BMJ Open. 2021 Sep 2;11(9):e049610. doi: 10.1136/bmjopen-2021-049610.

1294. Joseph P, Roshandel G, Gao P, Pais P, Lonn E, Xavier D, Avezum A, Zhu J, Liu L, Sliwa K, Gamra H, Bangdiwala SI, Teo K, Diaz R, Dans A, Lopez-Jaramillo P, Prabhakaran D, Castellano JM, Fuster V, Rodgers A, Huffman MD, Bosch J, Dagenais GR, Malekzadeh R, Yusuf S; Polypill Trialists' Collaboration. *Fixed-dose combination therapies with and without aspirin for primary prevention of cardiovascular disease: an individual participant data meta-analysis.* Lancet. 2021 Aug 27:S0140-6736(21)01827-4. doi: 10.1016/S0140-6736(21)01827-4. Online ahead of print.

1295. Kini A, Cao D, Nardin M, Sartori S, Zhang Z, Pivato CA, Chiarito M, Nicolas J, Vengrenyuk Y, Krishnamoorthy P, Sharma SK, Dangas G, Fuster V, Mehran R. *Types of myocardial injury and mid-term outcomes in patients with COVID-19.* Eur Heart J Qual Care Clin Outcomes. 2021 Sep 16;7(5):438-446. doi: 10.1093/ehjqcco/qcab053.

1296 Aguirre AD, Arbab-Zadeh A, Soeda T, Fuster V, Jang IK. *Optical Coherence Tomography of Plaque Vulnerability and Rupture: JACC Focus Seminar Part 1/3.* J Am Coll Cardiol. 2021 Sep 21;78(12):1257-1265. doi: 10.1016/j.jacc.2021.06.050.PMID: 34531027 Review.

1297. Adriaenssens T, Allard-Ratick MP, Thondapu V, Sugiyama T, Raffel OC, Barlis P, Poon EKW, Araki M, Nakajima A, Minami Y, Takano M, Kurihara O, Fuster V, Kakuta T, Jang IK. *Optical Coherence Tomography of Coronary Plaque Progression and Destabilization: JACC Focus Seminar Part 3/3.* J Am Coll Cardiol. 2021 Sep 21;78(12):1275-1287. doi: 10.1016/j.jacc.2021.07.032.

1298. Santos-Beneit G, Fuster V, Fernández-Jiménez R.*Use of primary care electronic medical records for research purposes: is it taking off?* Rev Esp Cardiol (Engl Ed). 2021 Dec 22:S1885-5857(21)00356-X. doi: 10.1016/j.rec.2021.10.018. PMID: 34953765 English, Spanish. No

abstract available.

1299. Musikantow DR, Turagam MK, Sartori S, Chu E, Kawamura I, Shivamurthy P, Bokhari M, Oates C, Zhang C, Pumill C, Malick W, Hashemi H, Ruiz-Maya T, Hadley MB, Gandhi J, Sperling D, Whang W, Koruth JS, Langan MN, Sofi A, Gomes A, Harcum S, Cammack S, Ellsworth B, Dukkipati SR, Bassily-Marcus A, Kohli-Seth R, Goldman ME, Halperin JL, Fuster V, Reddy VY. *Atrial Fibrillation in Patients Hospitalized With COVID-19: Incidence, Predictors, Outcomes, and Comparison to Influenza.* JACC Clin Electrophysiol. 2021 Sep;7(9):1120-1130. doi: 10.1016/j.jacep.2021.02.009. Epub 2021 Feb 24.PMID: 33895107 **Free PMC article.**

1300. Lorca R, Jiménez-Blanco M, García-Ruiz JM, Pizarro G, Fernández-Jiménez R, García-Álvarez A, Fernández-Friera L, Lobo-González M, Fuster V, Rossello X, Ibáñez B. *Coexistence of transmural and lateral wavefront progression of myocardial infarction in the human heart.* Rev Esp Cardiol (Engl Ed). 2021 Oct;74(10):870-877. doi: 10.1016/j.rec.2020.07.007. Epub 2020 Aug 24.PMID: 32855096 Clinical Trial. English, Spanish.

1301. Romero Daza A, Chokshi A, Pardo P, Maneiro N, Guijarro Contreras A, Larrañaga-Moreira JM, Ibañez B, Fuster V, Fernández Friera L, Solís J, Sanz J. *Mitral valve prolapse morphofunctional features by cardiovascular magnetic resonance: more than just a valvular disease.* J Cardiovasc Magn Reson. 2021 Oct 11;23(1):107. doi: 10.1186/s12968-021-00800-w.PMID: 34629093 **Free PMC article.**

1302. Guzik TJ, Fuster V. *Dynamic sustainability, a look at the philosophy behind one of Spain's flagship cardiovascular institutes, the CNIC.* Cardiovasc Res. 2021 Sep 28;117(11):e151-e155. doi: 10.1093/cvr/cvab277.PMID: 34585720 No abstract available.

1303. Hindy G, Dornbos P, Chaffin MD, Liu DJ, Wang M, Selvaraj MS, Zhang D, Park J, Aguilar-Salinas CA, Antonacci-Fulton L, Ardissino D, Arnett DK, Aslibekyan S, Atzmon G, Ballantyne CM, Barajas-Olmos F, Barzilai N, Becker LC, Bielak LF, Bis JC, Blangero J, Boerwinkle E, Bonnycastle LL, Bottinger E, Bowden DW, Bown MJ, Brody JA, Broome JG, Burtt NP, Cade BE, Centeno-Cruz F, Chan E, Chang YC, Chen YI, Cheng CY, Choi WJ, Chowdhury R, Contreras-Cubas C, Córdova EJ, Correa A, Cupples LA, Curran JE, Danesh J, de Vries PS, DeFronzo RA, Doddapaneni H, Duggirala R, Dutcher SK, Ellinor PT, Emery LS, Florez JC, Fornage M, Freedman BI, Fuster V, Garay-Sevilla ME, García-Ortiz H, Germer S, Gibbs RA, Gieger C, Glaser B, Gonzalez C, Gonzalez-Villalpando ME, Graff M, Graham SE, Grarup N, Groop LC, Guo X, Gupta N, Han S, Hanis CL, Hansen T, He J, Heard-Costa NL, Hung YJ, Hwang MY, Irvin MR, Islas-Andrade S, Jarvik GP, Kang HM, Kardia SLR, Kelly T, Kenny EE, Khan AT, Kim BJ, Kim RW, Kim YJ, Koistinen HA, Kooperberg C, Kuusisto J, Kwak SH, Laakso M, Lange LA, Lee J, Lee J, Lee S, Lehman DM, Lemaitre RN, Linneberg A, Liu J, Loos RJF, Lubitz SA, Lyssenko V, Ma RCW, Martin LW, Martínez-Hernández A, Mathias RA, McGarvey ST, McPherson R, Meigs JB, Meitinger T, Melander O, Mendoza-Caamal E, Metcalf GA, Mi X, Mohlke KL, Montasser ME, Moon JY, Moreno-Macías H, Morrison AC, Muzny DM, Nelson SC, Nilsson PM, O'Connell JR, Orho-Melander M, Orozco L, Palmer CNA, Palmer ND, Park CJ, Park KS, Pedersen O, Peralta JM, Peyser PA, Post WS, Preuss M, Psaty BM, Qi Q, Rao DC, Redline S, Reiner AP, Revilla-Monsalve C, Rich SS, Samani N, Schunkert H, Schurmann C, Seo D, Seo JS, Sim X, Sladek R, Small KS, So WY, Stilp AM, Tai ES, Tam CHT, Taylor KD, Teo YY, Thameem F, Tomlinson B, Tsai MY, Tuomi T, Tuomilehto J, Tusié-Luna T, Udler MS, van Dam RM, Vasan RS, Viaud Martinez KA, Wang FF, Wang X, Watkins H, Weeks DE, Wilson JG, Witte DR, Wong TY, Yanek LR; AMP-T2D-GENES, Myocardial Infarction Genetics Consortium; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; NHLBI TOPMed Lipids Working Group, Kathiresan S, Rader DJ, Rotter JI, Boehnke M, McCarthy MI, Willer CJ, Natarajan P, Flannick JA, Khera AV, Peloso GM. *Rare*

coding variants in 35 genes associate with circulating lipid levels-A multi-ancestry analysis of 170,000 exomes. Am J Hum Genet. 2022 Jan 6;109(1):81-96. doi: 10.1016/j.ajhg.2021.11.021. Epub 2021 Dec 20.PMID: 34932938

1304. Requena-Ibáñez JA, Santos-Gallego CG, Rodriguez Cordero AJ, Fardman B, Sartori S, Sanz J, Fuster V, Badimon JJ. *Not only how much, but also how to, when measuring epicardial adipose tissue.* Magn Reson Imaging. 2022 Feb;86:149-151. doi: 10.1016/j.mri.2021.11.004. Epub 2021 Nov 20.PMID: 34813891
1305. Rossello X, Ibanez B, Fuster V. *Reply: What Is Behind the HbA1c Value?* J Am Coll Cardiol. 2021 Oct 12;78(15):e119. doi: 10.1016/j.jacc.2021.08.012.PMID: 34620419 No abstract available.
1306. Kolte D, Yonetsu T, Ye JC, Libby P, Fuster V, Jang IK. *Optical Coherence Tomography of Plaque Erosion: JACC Focus Seminar Part 2/3.* J Am Coll Cardiol. 2021 Sep 21;78(12):1266-1274. doi: 10.1016/j.jacc.2021.07.030.PMID: 34531028 Review.
1307. Mensah GA, Fuster V. *Race, Ethnicity, and Cardiovascular Disease: JACC Focus Seminar Series.* J Am Coll Cardiol. 2021 Dec 14;78(24):2457-2459. doi: 10.1016/j.jacc.2021.11.001.PMID: 34886967 No abstract available.
1308. Grapsa J, Blauth C, Chandrashekhar YS, Prendergast B, Erb B Jr, Mack M, Fuster V. *Staphylococcus Aureus Infective Endocarditis: JACC Patient Pathways.* JACC Case Rep. 2021 Nov 15;4(1):1-12. doi: 10.1016/j.jaccas.2021.10.002. eCollection 2022 Jan 5.PMID: 35036936 **Free PMC article.** Review.
1309. Ky B, Fuster V**.** *JACC: CardioOncology: The Meaning of Family.* JACC CardioOncol. 2021 Sep 21;3(3):465-466. doi: 10.1016/j.jaccao.2021.08.006. eCollection 2021 Sep.PMID: 34604811 **Free PMC article.** No abstract available.
1310. Ky B, Fuster V. *JACC:CardioOncology: The Meaning of Family.*J Am Coll Cardiol. 2021 Sep 14:S0735-1097(21)06031-9. doi: 10.1016/j.jacc.2021.08.030. Online ahead of print.PMID: 34561154 No abstract available.
1311. Clemente-Moragón A, Martínez-Milla J, Oliver E, Santos A, Flandes J, Fernández I, Rodríguez-González L, Serrano Del Castillo C, Ioan AM, López-Álvarez M, Gómez-Talavera S, Galán-Arriola C, Fuster V, Pérez-Calvo C, Ibáñez B. *Metoprolol in Critically Ill Patients With COVID-19.* J Am Coll Cardiol. 2021 Sep 7;78(10):1001-1011. doi: 10.1016/j.jacc.2021.07.003.PMID: 34474731 **Free PMC article.** Clinical Trial.
1312. Sternheim D, Power DA, Samtani R, Kini A, Fuster V, Sharma S. *Myocardial Bridging: Diagnosis, Functional Assessment, and Management: JACC State-of-the-Art Review.* J Am Coll Cardiol. 2021 Nov 30;78(22):2196-2212. doi: 10.1016/j.jacc.2021.09.859.PMID: 34823663 Review.
1313. Núñez E, Fuster V, Gómez-Serrano M, Valdivielso JM, Fernández-Alvira JM, Martínez-López D, Rodríguez JM, Bonzon-Kulichenko E, Calvo E, Alfayate A, Bermudez-Lopez M, Escola-Gil JC, Fernández-Friera L, Cerro-Pardo I, Mendiguren JM, Sánchez-Cabo F, Sanz J, Ordovás JM, Blanco-Colio LM, García-Ruiz JM, Ibáñez B, Lara-Pezzi E, Fernández-Ortiz A, Martín-Ventura JL, Vázquez J. *Unbiased plasma proteomics discovery of biomarkers for improved detection of subclinical atherosclerosis.* EBioMedicine. 2022 Feb 10;76:103874. doi: 10.1016/j.ebiom.2022.103874. Online ahead of print.PMID: 35152150
1314. Naville AS, Lazaro E, Boutin J, Prot-Leurent C, Mansier O, Richard E, Augis V, Weinmann L, Fuster V, Vial JP, Ged C, Dulucq S. *Acquired glucose 6-phosphate dehydrogenase (G6PD) deficiency in a patient with Chronic Myelomonocytic Leukemia.* Br J Haematol. 2022 Jan 6. doi: 10.1111/bjh.18037. Online ahead of print.PMID: 34989400 No abstract available.
1315. Bazoukis G, Hall J, Loscalzo J, Antman EM, Fuster V, Armoundas AA. *The inclusion of augmented intelligence in medicine: A framework for successful implementation.* Cell Rep Med.

2022 Jan 18;3(1):100485. doi: 10.1016/j.xcrm.2021.100485. eCollection 2022 Jan 18.PMID: 35106506 **Free PMC article.** Review.

1316. Azarpazhooh MR, Mathiesen E, Rundek T, Romanens M, Adams A, Armando L, Perez H, Villafañe H, Garcia NH, Ibañez B, Bogiatzi C, Tabrizi R, Fuster V, Spence JD. *Reliability, reproducibility and advantages of measuring carotid total plaque area.* J Am Soc Echocardiogr. 2022 Jan 24:S0894-7317(22)00021-9. doi: 10.1016/j.echo.2021.12.016. Online ahead of print.PMID: 35085719 No abstract available.
1317. Santos-Beneit G, Fernández-Jiménez R, de Cos-Gandoy A, Rodríguez C, Carral V, Bodega P, de Miguel M, Orrit X, Haro D, Peñalvo JL, Fernández-Alvira JM, Peyra C, Céspedes JA, Turco A, Hunn M, Jaslow R, Baxter J, Carvajal I, Fuster V. *Lessons Learned From 10 Years of Preschool Intervention for Health Promotion: JACC State-of-the-Art Review.* J Am Coll Cardiol. 2022 Jan 25;79(3):283-298. doi: 10.1016/j.jacc.2021.10.046.PMID: 35057915 **Free article.** Review.
1318. Fuster V**.** *JACC Proudly Recognizes the **2021** Parmley Young Author Awardees and Mentees.* J Am Coll Cardiol. 2022 Mar 22;79(11):1124-1126. doi: 10.1016/j.jacc.2022.02.005.PMID: 35300824 No abstract available.
1319. Grapsa J, Blauth C, Chandrashekhar YS, Prendergast B, Erb B Jr, Mack M, Fuster V**.** *Staphylococcus Aureus Infective Endocarditis: JACC Patient Pathways*. J Am Coll Cardiol. 2022 Jan 4;79(1):88-99. doi: 10.1016/j.jacc.2021.10.015. Epub 2021 Nov 15.PMID: 34794846 Review.
1320. Santos-Beneit G, Fuster V, Fernández-Jiménez R. *Use of primary care electronic medical records for research purposes: is it taking off?* Rev Esp Cardiol (Engl Ed). 2022 Apr;75(4):288-290. doi: 10.1016/j.rec.2021.10.018. Epub 2021 Dec 23.PMID: 34953765 English, Spanish. No abstract available.
1321. Camaj A, Fuster V, Giustino G, Bienstock SW, Sternheim D, Mehran R, Dangas GD, Kini A, Sharma SK, Halperin J, Dweck MR, Goldman ME. *Left Ventricular Thrombus Following Acute Myocardial Infarction: JACC State-of-the-Art Review*. J Am Coll Cardiol. 2022 Mar 15;79(10):1010-1022. doi: 10.1016/j.jacc.2022.01.011.PMID: 35272796 Review.
1322. Fuster V**.** *Editor-in-Chief's Top Picks From 2021.* J Am Coll Cardiol. 2022 Feb 22;79(7):695-753. doi: 10.1016/j.jacc.2022.01.004.PMID: 35177199
1323. Mensah GA, Fuster V**.** *Sex and Gender Differences in Cardiovascular Health.* J Am Coll Cardiol. 2022 Apr 12;79(14):1385-1387. doi: 0.1016/j.jacc.2022.02.008.PMID: 35393020 No abstract available.
1324. Galán-Arriola C, Vílchez-Tschischke JP, Lobo M, López GJ, de Molina-Iracheta A, Pérez-Martínez C, Villena-Gutiérrez R, Macías Á, Díaz-Rengifo IA, Oliver E, *Fuster V*, Sánchez-González J, Ibanez B. *Coronary microcirculation damage in anthracycline cardiotoxicity.* Cardiovasc Res. 2022 Jan 29;118(2):531-541. doi: 10.1093/cvr/cvab053.PMID: 33605403 Free PMC article.
1325. Hadley MB, Vedanthan R, Ebi KL, Fuster V**.** *Climate cardiology.* BMJ Glob Health. 2022 Jun;7(6):e008860. doi: 10.1136/bmjgh-2022-008860.PMID: 35654448 Free PMC article. No abstract available.
1326. Rajpal S, Kahwash R, Tong MS, Paschke K, Satoskar AA, Foreman B, Allen LA, Bhave NM, Gluckman TJ, *Fuster V***.** *Fulminant Myocarditis Following SARS-CoV-2 Infection: JACC Patient Care Pathways.* J Am Coll Cardiol. 2022 Mar 29:S0735-1097(22)04559-4. doi: 10.1016/j.jacc.2022.03.346. Online ahead of print.PMID: 35364210 Free PMC article**.** Review.
1327. Rajpal S, Kahwash R, Tong MS, Paschke K, Satoskar AA, Foreman B, Allen LA, Bhave NM, Gluckman TJ, Fuster V**.** *Fulminant Myocarditis Following SARS-CoV-2 Infection: JACC Patient Care Pathways.* JACC Case Rep. 2022 May 18;4(10):567-575. doi: 10.1016/j.jaccas.2022.03.013. Epub 2022 Mar 29.PMID: 35373150 Free PMC article. Review.

1328. Power DA, Lampert J, Camaj A, Bienstock SW, Kocovic N, Bayes-Genis A, Miller MA, Bayés-de-Luna A, Fuster V**.** *Cardiovascular Complications of Interatrial Conduction Block: JACC State-of-the-Art Review.* J Am Coll Cardiol. 2022 Mar 29;79(12):1199-1211. doi: 10.1016/j.jacc.2022.01.030.PMID: 35331415 Review.
1329. Fuster V**.** *JACC Proudly Recognizes the 2021 Parmley Young Author Awardees and Mentees.* J Am Coll Cardiol. 2022 Mar 22;79(11):1124-1126. doi: 10.1016/j.jacc.2022.02.005.PMID: 35300824 No abstract available.
1330. Araki M, Park SJ, Dauerman HL, Uemura S, Kim JS, Di Mario C, Johnson TW, Guagliumi G, Kastrati A, Joner M, Holm NR, Alfonso F, Wijns W, Adriaenssens T, Nef H, Rioufol G, Amabile N, Souteyrand G, Meneveau N, Gerbaud E, Opolski MP, Gonzalo N, Tearney GJ, Bouma B, Aguirre AD, Mintz GS, Stone GW, Bourantas CV, Räber L, Gili S, Mizuno K, Kimura S, Shinke T, Hong MK, Jang Y, Cho JM, Yan BP, Porto I, Niccoli G, Montone RA, Thondapu V, Papafaklis MI, Michalis LK, Reynolds H, Saw J, Libby P, Weisz G, Iannaccone M, Gori T, Toutouzas K, Yonetsu T, Minami Y, Takano M, Raffel OC, Kurihara O, Soeda T, Sugiyama T, Kim HO, Lee T, Higuma T, Nakajima A, Yamamoto E, Bryniarski KL, Di Vito L, Vergallo R, Fracassi F, Russo M, Seegers LM, McNulty I, Park S, Feldman M, Escaned J, Prati F, Arbustini E, Pinto FJ, Waksman R, Garcia-Garcia HM, Maehara A, Ali Z, Finn AV, Virmani R, Kini AS, Daemen J, Kume T, Hibi K, Tanaka A, Akasaka T, Kubo T, Yasuda S, Croce K, Granada JF, Lerman A, Prasad A, Regar E, Saito Y, Sankardas MA, Subban V, Weissman NJ, Chen Y, Yu B, Nicholls SJ, Barlis P, West NEJ, Arbab-Zadeh A, Ye JC, Dijkstra J, Lee H, Narula J, Crea F, Nakamura S, Kakuta T, Fujimoto J, Fuster V, Jang IK. *Optical coherence tomography in coronary atherosclerosis assessment and intervention.*Nat Rev Cardiol. 2022 Apr 21. doi: 10.1038/s41569-022-00687-9. Online ahead of print.PMID: 35449407 Review.
1331. Bazoukis G, Hall J, Loscalzo J, Antman EM, Fuster V, Armoundas AA. *The inclusion of augmented intelligence in medicine: A framework for successful implementation.* Cell Rep Med. 2022 Jan 18;3(1):100485. doi: 10.1016/j.xcrm.2021.100485. eCollection 2022 Jan 18.PMID: 35106506 Free PMC article**.** Review.
1332. Díez-Díez M, Amorós-Pérez M, de la Barrera J, Vázquez E, Quintas A, Pascual-Figal DA, Dopazo A, Sánchez-Cabo F, Kleinman ME, Gordon LB, Fuster V, Andrés V, Fuster JJ. *Clonal hematopoiesis is not prevalent in Hutchinson-Gilford progeria syndrome.* Geroscience. 2023 Apr;45(2):1231-1236. doi: 10.1007/s11357-022-00607-2. Epub 2022 Jun 25.PMID: 35752705
1333. Azarpazhooh MR, Mathiesen E, Rundek T, Romanens M, Adams A, Armando L, Perez H, Villafañe H, Garcia NH, Ibañez B, Bogiatzi C, Tabrizi R, Fuster V, Spence JD. *Reliability, Reproducibility, and Advantages of Measuring Carotid Total Plaque Area.* J Am Soc Echocardiogr. 2022 May;35(5):530-532. doi: 10.1016/j.echo.2021.12.016. Epub 2022 Jan 25.PMID: 35085719 No abstract available.
1334. Farkouh ME, Stone GW, Lala A, Bagiella E, Moreno PR, Nadkarni GN, Ben-Yehuda O, Granada JF, Dressler O, Tinuoye EO, Granada C, Bustamante J, Peyra C, Godoy LC, Palacios IF, Fuster V**.** *Anticoagulation in Patients With COVID-19: JACC Review Topic of the Week.* J Am Coll Cardiol. 2022 Mar 8;79(9):917-928. doi: 10.1016/j.jacc.2021.12.023.PMID: 35241226 Free PMC article. Review.
1335. Naville AS, Lazaro E, Boutin J, Prot-Leurent C, Mansier O, Richard E, Augis V, Weinmann L, Fuster V, Vial JP, Ged C, Dulucq S. *Acquired glucose 6-phosphate dehydrogenase (G6PD) deficiency in a patient with Chronic Myelomonocytic Leukemia.* Br J Haematol. 2022 May;197(4):e45-e48. doi: 10.1111/bjh.18037. Epub 2022 Jan 6.PMID: 34989400 No abstract available.
1336. Devesa A, Lobo-González M, Martínez-Milla J, Oliva B, García-Lunar I, Mastrangelo A, España S, Sanz J, Mendiguren JM, Bueno H, Fuster JJ, Andrés V, Fernández-Ortiz A, Sancho D,

Fernández-Friera L, Sanchez-Gonzalez J, Rossello X, Ibanez B, Fuster V**.** *Bone marrow activation in response to metabolic syndrome and early atherosclerosis.* Eur Heart J. 2022 May 14;43(19):1809-1828. doi: 10.1093/eurheartj/ehac102. Epub 2022 Mar 11.PMID: 35567559 Free PMC article. Clinical Trial.

1337. Lampert J, Pulaski M, Miller MA, Whang W, Koruth J, Glicksberg B, Sharma S, Dukkipati SR, Fuster V, Reddy VY. *Right Precordial U-Waves in Severe Aortic Stenosis: "Real World" Prevalence and Diminution by TAVR.* J Am Coll Cardiol. 2022 Apr 20:S0735-1097(22)04813-6. doi: 10.1016/j.jacc.2022.04.012. Online ahead of print.PMID: 35490926 No abstract available.
1338. Takahashi K, Serruys PW, Fuster V, Farkouh ME, Spertus JA, Cohen DJ, Park SJ, Park DW, Ahn JM, Onuma Y, Kent DM, Steyerberg EW, van Klaveren D; SYNTAX, BEST, and FREEDOM Trial investigators. *External Validation of the FREEDOM Score for Individualized Decision Making Between CABG and PCI.* J Am Coll Cardiol. 2022 Apr 19;79(15):1458-1473. doi: 10.1016/j.jacc.2022.01.049.PMID: 35422242
1339. Fernandez-Jimenez R, Santos-Beneit G, de Cos-Gandoy A, Fernández-Alvira JM, Tresserra-Rimbau A, Storniolo C, Domènech M, Laveriano-Santos EP, Bodega P, de Miguel M, Rodríguez C, Carvajal I, Ibañez B, Estruch R, Lamuela-Raventós RM, Fuster V**.** *Prevalence and correlates of cardiovascular health among early adolescents enrolled in the SI! Program in Spain: a cross-sectional analysis.* Eur J Prev Cardiol. 2022 Feb 19;29(1):e7-e10. doi: 10.1093/eurjpc/zwaa096.PMID: 33624055 No abstract available.
1340. Rossello X, Raposeiras-Roubin S, Latini R, Dominguez-Rodriguez A, Barrabés JA, Sánchez PL, Anguita M, Fernández-Vázquez F, Pascual-Figal D, De la Torre Hernandez JM, Ferraro S, Vetrano A, Pérez-Rivera JA, Prada-Delgado O, Escalera N, Staszewsky L, Pizarro G, Agüero J, Pocock S, Ottani F, Fuster V, Ibáñez B; REBOOT-CNIC investigators. *Rationale and design of the pragmatic clinical trial tREatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (REBOOT).* Eur Heart J Cardiovasc Pharmacother. 2022 May 5;8(3):291-301. doi: 10.1093/ehjcvp/pvab060.PMID: 34351426 Clinical Trial.
1341. Ibanez B, García-Lunar I, Fuster V**.** *The Intima-Media Thickness Age Is Over: The Time of Multiterritorial Subclinical Plaque Quantification Has Come.* J Am Coll Cardiol. 2022 May 24;79(20):1983-1985. doi: 10.1016/j.jacc.2022.03.361.PMID: 35589159 No abstract available.
1342. González-Juanatey JR, Cordero A, Castellano JM, Masana L, Dalmau R, Ruiz E, Sicras-Mainar A, Fuster V**.** *The CNIC-Polypill reduces recurrent major cardiovascular events in real-life secondary prevention patients in Spain: The NEPTUNO study.* Int J Cardiol. 2022 May 12:S0167-5273(22)00666-0. doi: 10.1016/j.ijcard.2022.05.015. Online ahead of print.PMID: 35569611
1343. Iglesies-Grau J, Fernandez-Jimenez R, Diaz-Munoz R, Jaslow R, de Cos-Gandoy A, Santos-Beneit G, Hill CA, Turco A, Kadian-Dodov D, Kovacic JC, Fayad ZA, Fuster V. *Subclinical Atherosclerosis in Young, Socioeconomically Vulnerable Hispanic and Non-Hispanic Black Adults.* J Am Coll Cardiol. 2022 Jul 19;80(3):219-229. doi: 10.1016/j.jacc.2022.04.054.PMID: 35835495
1344. Lampert J, Pulaski M, Miller MA, Whang W, Koruth J, Glicksberg B, Sharma S, Dukkipati SR, Fuster V, Reddy VY. *Right Precordial U Waves in Severe Aortic Stenosis: "Real-World" Prevalence and Diminution by TAVR.* J Am Coll Cardiol. 2022 Jun 21;79(24):2467-2469. doi: 10.1016/j.jacc.2022.04.012. Epub 2022 Apr 28.PMID: 35490926 No abstract available.
1345. López-Melgar B, Mass V, Nogales P, Sánchez-González J, Entrekin R, Collet-Billon A, Rossello X, Fernández-Friera L, Fernández-Ortiz A, Sanz J, Bentzon JF, Bueno H, Ibáñez B, Fuster V. *New 3-Dimensional Volumetric Ultrasound Method for Accurate Quantification of Atherosclerotic Plaque Volume.* JACC Cardiovasc Imaging. 2022 Jun;15(6):1124-1135. doi: 10.1016/j.jcmg.2022.01.005. Epub 2022 Mar 16.PMID: 35680220 Free article.

1346. Garcia-Lunar I, van der Ploeg HP, Fernández Alvira JM, van Nassau F, Castellano Vázquez JM, van der Beek AJ, Rossello X, Fernández-Ortiz A, Coffeng J, van Dongen JM, Mendiguren JM, Ibáñez B, van Mechelen W, Fuster V**.** *Effects of a comprehensive lifestyle intervention on cardiovascular health: the TANSNIP-PESA trial.* Eur Heart J. 2022 Jul 23:ehac378. doi: 10.1093/eurheartj/ehac378. Online ahead of print.PMID: 35869885
1347. Castellano JM, Pocock SJ, Bhatt DL, Quesada AJ, Owen R, Fernandez-Ortiz A, Sanchez PL, Marin Ortuño F, Vazquez Rodriguez JM, Domingo-Fernández A, Lozano I, Roncaglioni MC, Baviera M, Foresta A, Ojeda-Fernandez L, Colivicchi F, Di Fusco SA, Doehner W, Meyer A, Schiele F, Ecarnot F, Linhart A, Lubanda JC, Barczi G, Merkely B, Ponikowski P, Kasprzak M, Fernandez Alvira JM, Andres V, Bueno H, Collier T, Van de Werf F, Perel P, Rodriguez-Manero M, Alonso Garcia A, Proietti M, Schoos MM, Simon T, Fernandez Ferro J, Lopez N, Beghi E, Bejot Y, Vivas D, Cordero A, Ibañez B, Fuster V; SECURE Investigators. *Polypill Strategy in Secondary Cardiovascular Prevention.* N Engl J Med. 2022 Aug 26. doi: 10.1056/NEJMoa2208275. Online ahead of print.PMID: 36018037
1348. Grapsa J, Blauth C, Chandrashekhar YS, Prendergast B, Erb B Jr, Mack M, Fuster V**.** *Staphylococcus Aureus Infective Endocarditis: JACC Patient Pathways.* J Am Coll Cardiol. 2022 Jan 4;79(1):88-99. doi: 10.1016/j.jacc.2021.10.015. Epub 2021 Nov 15.PMID: 34794846 Review.
1349. Rajpal S, Kahwash R, Tong MS, Paschke K, Satoskar AA, Foreman B, Allen LA, Bhave NM, Gluckman TJ, Fuster V. *Fulminant Myocarditis Following SARS-CoV-2 Infection: JACC Patient Care Pathways.* J Am Coll Cardiol. 2022 May 31;79(21):2144-2152. doi: 10.1016/j.jacc.2022.03.346. Epub 2022 Mar 29.PMID: 35364210 Free PMC article**.** Review.
1350. Santos-Beneit G, Fernandez-Jimenez R, de Cos-Gandoy A, Bodega P, Diaz-Munoz R, Hill CA, Turco A, Santana M, Jaslow R, Peyra C, Carvajal I, Fuster V. *Performance of Control Groups in Early Childhood Health Promotion Trials: Insights From the SI! Program.* J Am Coll Cardiol. 2022 Aug 9;80(6):649-650. doi: 10.1016/j.jacc.2022.06.004.PMID: 35926941 No abstract available.
1351. Kovacic JC, Fuster V**.** *Exercise, Cardiovascular Disease, and the Athlete's Heart.* J Am Coll Cardiol. 2022 Sep 13;80(11):1088-1090. doi: 10.1016/j.jacc.2022.07.022.PMID: 36075679 No abstract available.
1352. Devesa A, Ibanez B, Fuster V**.** *Lp(a): Are Antithrombotic Therapies the Key to Event Reduction?* J Am Coll Cardiol. 2022 Oct 4;80(14):1299-1301. doi: 10.1016/j.jacc.2022.08.722.PMID: 36175049 No abstract available.
1353. Fuster V, Turco JV. *Paradigm Shift to Address Cardiovascular Health at Every Stage.* J Am Coll Cardiol. 2022 Nov 8;80(19):1848-1850. doi: 10.1016/j.jacc.2022.09.017.PMID: 36328695 No abstract available.
1354. Poor H, Serrao G, Grapsa J, Chandrashekhar YS, Bianco A, Lookstein RA, Fuster V**.** *High-Risk Pulmonary Embolism During Labor: JACC Patient Care Pathways.* J Am Coll Cardiol. 2022 Oct 17:S0735-1097(22)07036-X. doi: 10.1016/j.jacc.2022.10.004. Online ahead of print.PMID: 36265527 Review.
1355. Vaduganathan M, Mensah GA, Turco JV, Fuster V, Roth GA. *The Global Burden of Cardiovascular Diseases and Risk: A Compass for Future Health.* J Am Coll Cardiol. 2022 Dec 20;80(25):2361-2371. doi: 10.1016/j.jacc.2022.11.005. Epub 2022 Nov 9.PMID: 36368511 No abstract available.
1356. Castellano JM, Cordero A, Fuster V**.** *Polypill Strategy in Secondary Cardiovascular Prevention. Reply.* N Engl J Med. 2022 Dec 8;387(23):2197-2198. doi: 10.1056/NEJMc2213446.PMID: 36477042 No abstract available.
1357. Fuster V, Di Carli MF. *From International Leadership in Cardiac Disease to a Focus on Heart*

Health: A Conversation Between Valentín Fuster and Marcelo Di Carli. J Nucl Med. 2022 Nov;63(11):1617-1619. doi: 10.2967/jnumed.122.264896.PMID: 36319113 No abstract available.

1358. Requena-Ibáñez JA, Santos-Gallego CG, Rodriguez Cordero AJ, Fardman B, Sartori S, Sanz J, Fuster V, Badimon JJ. *Not only how much, but also how to, when measuring epicardial adipose tissue*. Magn Reson Imaging. 2022 Feb;86:149-151. doi: 10.1016/j.mri.2021.11.004. Epub 2021 Nov 20.PMID: 34813891

1359. Clemente-Moragón A, Oliver E, Calle D, Cussó L, Gómez M, Pradillo JM, Castejón R, Rallón N, Benito JM, Fernández-Ferro JC, Carneado-Ruíz J, Moro MA, Sánchez-González J, Fuster V, Cortés-Canteli M, Desco M, Ibáñez B. *Neutrophil β_1 adrenoceptor blockade blunts stroke-associated neuroinflammation*. Br J Pharmacol. 2022 Sep 30. doi: 10.1111/bph.15963. Online ahead of print.PMID: 36181002

1360. Heymans S, Dawson D, Fuster V, Metra M, Tocchetti CG. *Myocarditis Following SARS-CoV2 mRNA Vaccination Against COVID-19: Facts and Open Questions.* J Am Coll Cardiol. 2022 Oct 4;80(14):1363-1365. doi: 10.1016/j.jacc.2022.08.003.PMID: 36175054 Free PMC article. No abstract available.

1361. Iglesies-Grau J, Fuster V, Fernandez-Jimenez R. *Reply: Carotid Plaque Burden Is a Stronger Predictor of Cardiovascular Risk Than IMT*. J Am Coll Cardiol. 2022 Nov 22;80(21):e193. doi: 10.1016/j.jacc.2022.09.020.PMID: 36396208 No abstract available.

1362. Pun-García A, Clemente-Moragón A, Villena-Gutierrez R, Gómez M, Sanz-Rosa D, Díaz-Guerra A, Prados B, Medina JP, Montó F, Ivorra MD, Márquez-López C, Cannavo A, Bernal JA, Koch WJ, Fuster V, de la Pompa JL, Oliver E, Ibanez B. *Beta-3 adrenergic receptor overexpression reverses aortic stenosis-induced heart failure and restores balanced mitochondrial dynamics.* Basic Res Cardiol. 2022 Nov 29;117(1):62. doi: 10.1007/s00395-022-00966-z.PMID: 36445563 Free PMC article.

1363. Park S, Araki M, Nakajima A, Lee H, Fuster V, Ye JC, Jang IK. *Enhanced Diagnosis of Plaque Erosion by Deep Learning in Patients With Acute Coronary Syndromes.* JACC Cardiovasc Interv. 2022 Oct 24;15(20):2020-2031. doi: 10.1016/j.jcin.2022.08.040.PMID: 36265933

1364. Aguiar C, Araujo F, Rubio-Mercade G, Carcedo D, Paz S, Castellano JM, Fuster V**.** *Cost-Effectiveness of the CNIC-Polypill Strategy Compared With Separate Monocomponents in Secondary Prevention of Cardiovascular and Cerebrovascular Disease in Portugal: The MERCURY Study*. J Health Econ Outcomes Res. 2022 Nov 22;9(2):134-146. doi: 10.36469/001c.39768. eCollection 2022.PMID: 36475278 Free PMC article.

1365. García-Álvarez A, Blanco I, García-Lunar I, Jordà P, Rodriguez-Arias JJ, Fernández-Friera L, Zegri I, Nuche J, Gomez-Bueno M, Prat S, Pujadas S, Sole-Gonzalez E, Garcia-Cossio MD, Rivas M, Torrecilla E, Pereda D, Sanchez J, García-Pavía P, Segovia-Cubero J, Delgado JF, Mirabet S, Fuster V, Barberá JA, Ibañez B; SPHERE-HF Investigators. *β3 adrenergic agonist treatment in chronic pulmonary hypertension associated with heart failure (SPHERE-HF): a double blind, placebo-controlled, randomized clinical trial.* Eur J Heart Fail. 2022 Nov 20. doi: 10.1002/ejhf.2745. Online ahead of print.PMID: 36404400

1366. Kumar RK, Fuster V, Prabhakaran D. *Tropical Cardiovascular Diseases: The Forgotten Orphans*. J Am Coll Cardiol. 2023 Jan 3;81(1):68-70. doi: 10.1016/j.jacc.2022.11.003.PMID: 36599612 No abstract available.

1367. Fuster V**.** *Paradigm Shift: Children Present the Most Critical Point of Engagement for Choosing Cardiovascular Health.* J Am Coll Cardiol. 2023 Jan 3;81(1):95-96. doi: 10.1016/j.jacc.2022.11.020.PMID: 36599615 No abstract available.

1368. Sud K, Narula N, Aikawa E, Arbustini E, Pibarot P, Merlini G, Rosenson RS, Seshan SV, Argulian E, Ahmadi A, Zhou F, Moreira AL, Côté N, Tsimikas S, Fuster V, Gandy S, Bonow

RO, Gursky O, Narula J. *The contribution of amyloid deposition in the aortic valve to calcification and aortic stenosis*. Nat Rev Cardiol. 2023 Jan 9. doi: 10.1038/s41569-022-00818-2. Online ahead of print.PMID: 36624274 Review.

1369. Zekavat SM, Viana-Huete V, Matesanz N, Jorshery SD, Zuriaga MA, Uddin MM, Trinder M, Paruchuri K, Zorita V, Ferrer-Pérez A, Amorós-Pérez M, Kunderfranco P, Carriero R, Greco CM, Aroca-Crevillen A, Hidalgo A, Damrauer SM, Ballantyne CM, Niroula A, Gibson CJ, Pirruccello J, Griffin G, Ebert BL, Libby P, Fuster V, Zhao H, Ghassemi M, Natarajan P, Bick AG, Fuster JJ, Klarin D.*TP53-mediated clonal hematopoiesis confers increased risk for incident atherosclerotic disease.*Nat Cardiovasc Res. 2023 Jan 16;2:144-158. doi: 10.1038/s44161-022-00206-6.PMID: 36949957
1370. Toribio-Fernandez R, Ceron C, Tristão-Pereira C, Fernandez-Nueda I, Perez-Castillo A, Fernandez-Ferro J, Moro MA, Ibañez B, Fuster V, Cortes-Canteli M.*Oral anticoagulants: A plausible new treatment for Alzheimer's disease?* Br J Pharmacol. 2023 Jan 12. doi: 10.1111/bph.16032. Online ahead of print.PMID: 36633908 Review.
1371. Poor H, Serrao G, Grapsa J, Chandrashekhar YS, Bianco A, Lookstein RA, Fuster V**.** *High-Risk Pulmonary Embolism During Labor: JACC Patient Care Pathways.*JACC Case Rep. 2022 Oct 17;6:101650. doi: 10.1016/j.jaccas.2022.10.001. eCollection 2023 Jan 18.PMID: 36704055 Review.
1372. Clemente-Moragón A, Oliver E, Calle D, Cussó L, Gómez M, Pradillo JM, Castejón R, Rallón N, Benito JM, Fernández-Ferro JC, Carneado-Ruíz J, Moro MA, Sánchez-González J, Fuster V, Cortés-Canteli M, Desco M, Ibáñez B.*Neutrophil β_1 adrenoceptor blockade blunts stroke-associated neuroinflammation.* Br J Pharmacol. 2023 Feb;180(4):459-478. doi: 10.1111/bph.15963. Epub 2022 Nov 20.PMID: 36181002

1373. Fuster V, Ibanez B. *Address Cardiovascular Health in Middle Age: Time to Remove the Blindfold.* J Am Coll Cardiol. 2023 Feb 21;81(7):705-707. doi: 10.1016/j.jacc.2023.01.004.PMID: 36792286 No abstract available.
1374. Fuster V**.** *Editor-in-Chief's Top Picks From 2022.* J Am Coll Cardiol. 2023 Feb 28;81(8):780-841. doi: 10.1016/j.jacc.2023.01.002.PMID: 36813378
1375. Silversides CK, Fuster V**.** *JACC: Advances: The Making of a Community.* J Am Coll Cardiol. 2023 Feb 7;81(5):515-516. doi: 10.1016/j.jacc.2022.12.013.PMID: 36725180 No abstract available.
1376. Coca A, Castellano JM, Camafort M, Fuster V**.***Polypill in cardiovascular disease prevention: recent advances.*Pol Arch Intern Med. 2023 Mar 29;133(3):16460. doi: 10.20452/pamw.16460. Epub 2023 Mar 13.PMID: 36916535 Review.
1377. Fuster V, Turco JV, Cortes-Canteli M.*Paradigm Shift: Cardiovascular Health in the Elderly-Beware of the Brain.*J Am Coll Cardiol. 2023 Mar 28;81(12):1214-1215. doi: 10.1016/j.jacc.2023.02.016.PMID: 36948739 No abstract available.
1378. Domanski MJ, Wu CO, Tian X, Hasan AA, Ma X, Huang Y, Miao R, Reis JP, Bae S, Husain A, Jacobs DR Jr, Allen NB, Lee MT, Hong CC, Farkouh ME, Lloyd-Jones DM, Fuster V. *Association of Incident Cardiovascular Disease With Time Course and Cumulative Exposure to Multiple Risk Factors.*J Am Coll Cardiol. 2023 Mar 28;81(12):1151-1161. doi: 10.1016/j.jacc.2023.01.024.PMID: 36948731
1379. Real C, Párraga R, Pizarro G, García-Lunar I, González-Calvo E, Martínez-Gómez J, Sánchez-González J, Sampedro P, Sanmamed I, De Miguel M, De Cos-Gandoy A, Bodega P, Ibanez B, Santos-Beneit G, Fuster V, Fernández-Jiménez R.*Magnetic resonance imaging reference values for cardiac morphology, function and tissue composition in adolescents.*

EClinicalMedicine. 2023 Mar 3;57:101885. doi: 10.1016/j.eclinm.2023.101885. eCollection 2023 Mar.PMID: 37064511

1380. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Case Rep. 2023 Mar 17;13:101806. doi: 10.1016/j.jaccas.2023.101806. eCollection 2023 May 3.PMID: 37153478 No abstract available.

1381. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Basic Transl Sci. 2023 Mar 17;8(5):596-598. doi: 10.1016/j.jacbts.2023.03.005. eCollection 2023 May.PMID: 37325406 No abstract available.

1382. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Heart Fail. 2023 Apr;11(4):487-489. doi: 10.1016/j.jchf.2023.03.001. Epub 2023 Mar 17.PMID: 36939659 No abstract available.

1383. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Cardiovasc Interv. 2023 Apr 10;16(7):881-883. doi: 10.1016/j.jcin.2023.03.001. Epub 2023 Mar 17.PMID: 36935255 No abstract available.

1384. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Clin Electrophysiol. 2023 Apr;9(4):607-609. doi: 10.1016/j.jacep.2023.03.002. Epub 2023 Mar 17.PMID: 36939662 No abstract available.

1385. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC CardioOncol. 2023 Mar 17;5(2):275-277. doi: 10.1016/j.jaccao.2023.03.001. eCollection 2023 Apr.PMID: 37144104 No abstract available.

1386. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Asia. 2023 Mar 17;3(2):317-319. doi: 10.1016/j.jacasi.2023.03.002. eCollection 2023 Apr.PMID: 37181383 No abstract available.

1387. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.J Am Coll Cardiol. 2023 Apr 18;81(15):1543-1545. doi: 10.1016/j.jacc.2023.02.030. Epub 2023 Mar 17.PMID: 36935264 No abstract available.

1388. Santos-Gallego CG, Requena-Ibáñez JA, Picatoste B, Fardman B, Ishikawa K, Mazurek R, Pieper M, Sartori S, Rodriguez-Capitán J, Fuster V, Badimon JJ.*Cardioprotective Effect of Empagliflozin and Circulating Ketone Bodies During Acute Myocardial Infarction.* Circ Cardiovasc Imaging. 2023 Apr;16(4):e015298. doi: 10.1161/CIRCIMAGING.123.015298. Epub 2023 Apr 12.PMID: 37042253

1389. Fuster V, Bozkurt B, Chandrashekhar Y, Grapsa J, Ky B, Mann DL, Moliterno DJ, Shivkumar K, Silversides CK, Turco JV, Wang J.*JACC Journals' Pathway Forward With AI Tools: The Future Is Now*.JACC Cardiovasc Imaging. 2023 Apr;16(4):572-574. doi: 10.1016/j.jcmg.2023.03.001. Epub 2023 Mar 17.PMID: 36939663 No abstract available.

1390. Garcia-Lunar I, Ibanez B, Fuster V.*Motivational interview and imaging of subclinical atherosclerosis for cardiovascular disease prevention: a winning combination?* Eur Heart J. 2023 May 1;44(17):1575-1576. doi: 10.1093/eurheartj/ehad126.PMID: 36958859 No abstract available.

1391. Stone GW, Farkouh ME, Lala A, Tinuoye E, Dressler O, Moreno PR, Palacios IF, Goodman SG,

Esper RB, Abizaid A, Varade D, Betancur JF, Ricalde A, Payro G, Castellano JM, Hung IFN, Nadkarni GN, Giustino G, Godoy LC, Feinman J, Camaj A, Bienstock SW, Furtado RHM, Granada C, Bustamante J, Peyra C, Contreras J, Owen R, Bhatt DL, Pocock SJ, Fuster V; FREEDOM COVID Anticoagulation Strategy Randomized Trial Investigators. *Randomized Trial of Anticoagulation Strategies for Noncritically Ill Patients Hospitalized With COVID-19.* J Am Coll Cardiol. 2023 May 9;81(18):1747-1762. doi: 10.1016/j.jacc.2023.02.041. Epub 2023 Mar 6.PMID: 36889611 Clinical Trial.

1392. Sud K, Narula N, Aikawa E, Arbustini E, Pibarot P, Merlini G, Rosenson RS, Seshan SV, Argulian E, Ahmadi A, Zhou F, Moreira AL, Côté N, Tsimikas S, Fuster V, Gandy S, Bonow RO, Gursky O, Narula J.*The contribution of amyloid deposition in the aortic valve to calcification and aortic stenosis.*Nat Rev Cardiol. 2023 Jun;20(6):418-428. doi: 10.1038/s41569-022-00818-2. Epub 2023 Jan 9.PMID: 36624274 Review.
1393. Pérez MS, Rodríguez-Capitán J, Requena-Ibáñez JA, Santos-Gallego CG, Urooj Zafar M, Escolar G, Mancini D, Mitter S, Lam D, Contreras JP, Fergus I, Atallah-Lajam F, Abascal V, Lala A, Moreno P, Moss N, Lerakis S, Sanz J, Fuster V, Badimon JJ.*Rationale and Design of the SOTA-P-CARDIA Trial (ATRU-V): Sotagliflozin in HFpEF Patients Without Diabetes.* Cardiovasc Drugs Ther. 2023 Jun 15. doi: 10.1007/s10557-023-07469-6. Online ahead of print.PMID: 37318685
1394. Bienstock S, Lee SE, Lin F, Blankstein R, Leipsic J, Patel K, Narula J, Chandrashekhar YS, Fuster V, Shaw LJ. *Systemic Inflammation With High-Sensitivity C-Reactive Protein and Atherosclerotic Plaque Progression.* JACC Cardiovasc Imaging. 2023 Oct 20:S1936-878X(23)00426-6. doi: 10.1016/j.jcmg.2023.08.019. Online ahead of print.PMID: 37921719 No abstract available.
1395. Tristão-Pereira C, Fuster V, Oliva B, Moreno-Arciniegas A, Garcia-Lunar I, Perez-Herreras C, Schöll M, Suárez-Calvet M, Moro MA, Garcia-Alvarez A, Fernandez-Ortiz A, Sanchez-Gonzalez J, Zetterberg H, Blennow K, Ibanez B, Gispert JD, Cortes-Canteli M. *Longitudinal interplay between subclinical atherosclerosis, cardiovascular risk factors, and cerebral glucose metabolism in midlife: results from the PESA prospective cohort study.* Lancet Healthy Longev. 2023 Sep;4(9):e487-e498. doi: 10.1016/S2666-7568(23)00134-4.PMID: 3765943
1396. Cordero A, Dalmau González-Gallarza R, Masana L, Fuster V, Castellano JM, Ruiz Olivar JE, Zsolt I, Sicras-Mainar A, González Juanatey JR. *Economic Burden Associated with the Treatment with a Cardiovascular Polypill in Secondary Prevention in Spain: Cost-Effectiveness Results of the NEPTUNO Study.* Clinicoecon Outcomes Res. 2023 Jul 19;15:559-571. doi: 10.2147/CEOR.S396290. eCollection 2023.PMID: 37489131
1397. Sud K, Narula N, Aikawa E, Arbustini E, Pibarot P, Merlini G, Rosenson RS, Seshan SV, Argulian E, Ahmadi A, Zhou F, Moreira AL, Côté N, Tsimikas S, Fuster V, Gandy S, Bonow RO, Gursky O, Narula J.*Author Correction: The contribution of amyloid deposition in the aortic valve to calcification and aortic stenosis.*Nat Rev Cardiol. 2023 Jun;20(6):429. doi: 10.1038/s41569-023-00848-4.PMID: 36807395 No abstract available.
1398. Jou S, Mendez SR, Feinman J, Mitrani LR, Fuster V, Mangiola M, Moazami N, Gidea C.*Heart transplantation: advances in expanding the donor pool and xenotransplantation.* Nat Rev Cardiol. 2023 Jul 14. doi: 10.1038/s41569-023-00902-1. Online ahead of print.PMID: 37452122 Review.
1399. Fuster V, Turco JV.*Challenges to Science, Health, and Education as Contributors to Progress: A Call to the Young Generation.*J Am Coll Cardiol. 2023 Aug 22;82(8):748-749. doi: 10.1016/j.jacc.2023.07.002.PMID: 37587586 No abstract available.
1400. Bienstock S, Lin F, Blankstein R, Leipsic J, Cardoso R, Ahmadi A, Gelijns A, Patel K, Baldassarre LA, Hadley M, LaRocca G, Sanz J, Narula J, Chandrashekhar YS, Shaw LJ, Fuster

V.*Advances in Coronary Computed Tomographic Angiographic Imaging of Atherosclerosis for Risk Stratification and Preventive Care.*JACC Cardiovasc Imaging. 2023 Aug;16(8):1099-1115. doi: 10.1016/j.jcmg.2023.02.002. Epub 2023 May 10.PMID: 37178070 Review.

1401. Sánchez-Cabo F, Fuster V, Silla-Castro JC, González G, Lorenzo-Vivas E, Alvarez R, Callejas S, Benguría A, Gil E, Núñez E, Oliva B, Mendiguren JM, Cortes-Canteli M, Bueno H, Andrés V, Ordovás JM, Fernández-Friera L, Quesada AJ, Garcia JM, Rossello X, Vázquez J, Dopazo A, Fernández-Ortiz A, Ibáñez B, Fuster JJ, Lara-Pezzi E.*Subclinical atherosclerosis and accelerated epigenetic age mediated by inflammation: a multi-omics study.* Eur Heart J. 2023 Aug 1;44(29):2698-2709. doi: 10.1093/eurheartj/ehad361.PMID: 37339167
1402. Seegers LM, DeFaria Yeh D, Yonetsu T, Sugiyama T, Minami Y, Soeda T, Araki M, Nakajima A, Yuki H, Kinoshita D, Suzuki K, Niida T, Lee H, McNulty I, Nakamura S, Kakuta T, Fuster V, Jang IK.*Sex Differences in Coronary Atherosclerotic Phenotype and Healing Pattern on Optical Coherence Tomography Imaging.*Circ Cardiovasc Imaging. 2023 Aug;16(8):e015227. doi: 10.1161/CIRCIMAGING.123.015227. Epub 2023 Jul 28.PMID: 37503629
1403. Lampert J, Power D, Havaldar S, Govindarajulu U, Kawamura I, Maan A, Miller MA, Menon K, Koruth J, Whang W, Bagiella E, Bayes-Genis A, Musikantow D, Turagam M, Bayes de Luna A, Halperin J, Dukkipati SR, Vaid A, Nadkarni G, Glicksberg B, Fuster V, Reddy VY.*Interatrial Block Association With Adverse Cardiovascular Outcomes in Patients Without a History of Atrial Fibrillation.*JACC Clin Electrophysiol. 2023 Aug;9(8 Pt 3):1804-1815. doi: 10.1016/j.jacep.2023.04.006. Epub 2023 Jun 21.PMID: 37354170
1404. Dauerman HL, Turco JV, Fuster V.*Artificial Intelligence, Bob Dylan, and Cardiovascular Scholarship.*J Am Coll Cardiol. 2023 Aug 29;82(9):961-963. doi: 10.1016/j.jacc.2023.07.006.PMID: 37612015 No abstract available.
1405. Nelson K, Fuster V, Ridker PM.*Low-Dose Colchicine for Secondary Prevention of Coronary Artery Disease: JACC Review Topic of the Week.*J Am Coll Cardiol. 2023 Aug 15;82(7):648-660. doi: 10.1016/j.jacc.2023.05.055.PMID: 37558377 Review.
1406. Stone GW, Farkouh ME, Fuster V.*Reply: Anticoagulation in Noncritically Ill Patients Hospitalized With COVID-19.*J Am Coll Cardiol. 2023 Aug 15;82(7):e59-e60. doi: 10.1016/j.jacc.2023.04.059.PMID: 37558380 No abstract available.
1407. Santos-Beneit G, Fernández-Alvira JM, Tresserra-Rimbau A, Bodega P, de Cos-Gandoy A, de Miguel M, Ramírez-Garza SL, Laveriano-Santos EP, Arancibia-Riveros C, Carral V, Orrit X, Rodríguez C, Carvajal I, Haro D, Peyra C, Martínez-Gómez J, Álvarez-Benavides A, Estruch R, Lamuela-Raventós RM, Fernández-Jiménez R, Fuster V.*School-Based Cardiovascular Health Promotion in Adolescents: A Cluster Randomized Clinical Trial.*JAMA Cardiol. 2023 Sep 1;8(9):816-824. doi: 10.1001/jamacardio.2023.2231.PMID: 37531100 **Free PMC article.**
1408. de Cos-Gandoy A, Santos-Beneit G, Bodega P, Baxter J, Diaz-Munoz R, Hill CA, Carvajal I, Peyra C, Fernandez-Jimenez R, Fuster V.*Impact of Socioeconomic Background on Cardiovascular Health Promotion in Early Childhood.*J Am Coll Cardiol. 2023 Sep 26;82(13):1377-1379. doi: 10.1016/j.jacc.2023.07.014.PMID: 37730295 No abstract available.
1409. Martínez-Gómez J, Fernández-Alvira JM, de Cos-Gandoy A, Bodega P, de Miguel M, Tresserra-Rimbau A, Laveriano-Santos EP, Carral V, Carvajal I, Estruch R, Lamuela-Raventós RM, Santos-Beneit G, Fuster V, Fernández-Jiménez R.*Sleep duration and its association with adiposity markers in adolescence: a cross-sectional and longitudinal study.* Eur J Prev Cardiol. 2023 Sep 6;30(12):1236-1244. doi: 10.1093/eurjpc/zwad137.PMID: 37140006 Clinical Trial.
1410. Castellano JM, Fuster V.*Scientific development of the CNIC cardiovascular polypill: from conceptualization to clinical efficacy.*Rev Esp Cardiol (Engl Ed). 2023 Oct 20:S1885-5857(23)00275-X. doi: 10.1016/j.rec.2023.06.019. Online ahead of

print.PMID: 37866619 Review. English, Spanish. No abstract available.

1411. Devesa A, Fuster V, Vazirani R, García-Lunar I, Oliva B, España S, Moreno-Arciniegas A, Sanz J, Perez-Herreras C, Bueno H, Lara-Pezzi E, García-Alvarez A, de Vega VM, Fernández-Friera L, Trivieri MG, Fernández-Ortiz A, Rossello X, Sanchez-Gonzalez J, Ibanez B.*Cardiac Insulin Resistance in Subjects With Metabolic Syndrome Traits and Early Subclinical Atherosclerosis.* Diabetes Care. 2023 Nov 1;46(11):2050-2057. doi: 10.2337/dc23-0871.PMID: 37713581

1412. Mensah GA, Fuster V, Roth GA. *A Heart-Healthy and Stroke-Free World: Using Data to Inform Global Action.* J Am Coll Cardiol. 2023 Dec 19;82(25):2343-2349. doi: 10.1016/j.jacc.2023.11.003.PMID: 38092508 No abstract available.

1413. Salloum FN, Tocchetti CG, Ameri P, Ardehali H, Asnani A, de Boer RA, Burridge P, Cabrera JÁ, de Castro J, Córdoba R, Costa A, Dent S, Engelbertsen D, Fernández-Velasco M, Fradley M, Fuster JJ, Galán-Arriola C, García-Lunar I, Ghigo A, González-Neira A, Hirsch E, Ibáñez B, Kitsis RN, Konety S, Lyon AR, Martin P, Mauro AG, Mazo Vega MM, Meijers WC, Neilan TG, Rassaf T, Ricke-Hoch M, Sepulveda P, Thavendiranathan P, van der Meer P, Fuster V, Ky B, López-Fernández T; International Cardio-Oncology Society. *Priorities in Cardio-Oncology Basic and Translational Science: GCOS **2023** Symposium Proceedings: JACC: CardioOncology State-of-the-Art Review.*JACC CardioOncol. 2023 Sep 27;5(6):715-731. doi: 10.1016/j.jaccao.2023.08.003. eCollection 2023 Dec.PMID: 38205010 Free PMC article. Review. This has led to the growth of the burgeoning field of cardio-oncology, which aims to advance the cardiovascular health of cancer patients and survivors, through actionable and translatable science. In these Global Cardio-Oncology Symposium 2023 scientific symposium proceed …

1414. Devesa A, Ibanez B, Malick WA, Tinuoye EO, Bustamante J, Peyra C, Rosenson RS, Bhatt DL, Stone GW, Fuster V**.** *Primary Prevention of Subclinical Atherosclerosis in Young Adults: JACC Review Topic of the Week.* J Am Coll Cardiol. 2023 Nov 28;82(22):2152-2162. doi: 10.1016/j.jacc.2023.09.817.PMID: 37993206 Review.

1415. Mensah GA, Fuster V, Murray CJL, Roth GA; *Global Burden of Cardiovascular Diseases and Risks, 1990-2022.* J Am Coll Cardiol. 2023 Dec 19;82(25):2350-2473. doi: 10.1016/j.jacc.2023.11.007.PMID: 38092509 No abstract available.

1416. Mendieta G, Pocock S, Mass V, Moreno A, Owen R, García-Lunar I, López-Melgar B, Fuster JJ, Andres V, Pérez-Herreras C, Bueno H, Fernández-Ortiz A, Sanchez-Gonzalez J, García-Alvarez A, Ibáñez B, Fuster V**.** *Determinants of Progression and Regression of Subclinical Atherosclerosis Over 6 Years.* J Am Coll Cardiol. 2023 Nov 28;82(22):2069-2083. doi: 10.1016/j.jacc.2023.09.814.PMID: 37993199 Free article.

1417. Fuster V, Turco JV. *Challenges to Science, Health, and Education as Contributors to Progress: A Call to the Young Generation.* J Am Coll Cardiol. 2023 Aug 22;82(8):748-749. doi: 10.1016/j.jacc.2023.07.002.PMID: 37587586 No abstract available.

1418. Kusumoto FM, Bittl JA, Creager MA, Dauerman HL, Lala A, McDermott MM, Turco JV, Taqueti VR, Fuster V; Peer Review Task Force of the Scientific Publications Committee. *Challenges and Controversies in Peer Review: JACC Review Topic of the Week.* J Am Coll Cardiol. 2023 Nov 21;82(21):2054-2062. doi: 10.1016/j.jacc.2023.08.056.PMID: 37968021 Review.

1419. Moyá-Amengual A, Ruiz-García A, Pallarés-Carratalá V, Serrano-Cumplido A, Prieto-Díaz MÁ, Segura-Fragoso A, Cinza-Sanjurjo S; researchers of the IBERICAN study. *Elevated pulse pressure and cardiovascular risk associated in Spanish population attended in primary care: IBERICAN study.* Front Cardiovasc Med. 2023 May 9;10:1090458. doi: 10.3389/fcvm.2023.1090458. eCollection 2023.PMID: 37229234 Free PMC article.

1420. Araki M, Park SJ, Dauerman HL, Uemura S, Kim JS, Di Mario C, Johnson TW, Guagliumi G,

Kastrati A, Joner M, Holm NR, Alfonso F, Wijns W, Adriaenssens T, Nef H, Rioufol G, Amabile N, Souteyrand G, Meneveau N, Gerbaud E, Opolski MP, Gonzalo N, Tearney GJ, Bouma B, Aguirre AD, Mintz GS, Stone GW, Bourantas CV, Räber L, Gili S, Mizuno K, Kimura S, Shinke T, Hong MK, Jang Y, Cho JM, Yan BP, Porto I, Niccoli G, Montone RA, Thondapu V, Papafaklis MI, Michalis LK, Reynolds H, Saw J, Libby P, Weisz G, Iannaccone M, Gori T, Toutouzas K, Yonetsu T, Minami Y, Takano M, Raffel OC, Kurihara O, Soeda T, Sugiyama T, Kim HO, Lee T, Higuma T, Nakajima A, Yamamoto E, Bryniarski KL, Di Vito L, Vergallo R, Fracassi F, Russo M, Seegers LM, McNulty I, Park S, Feldman M, Escaned J, Prati F, Arbustini E, Pinto FJ, Waksman R, Garcia-Garcia HM, Maehara A, Ali Z, Finn AV, Virmani R, Kini AS, Daemen J, Kume T, Hibi K, Tanaka A, Akasaka T, Kubo T, Yasuda S, Croce K, Granada JF, Lerman A, Prasad A, Regar E, Saito Y, Sankardas MA, Subban V, Weissman NJ, Chen Y, Yu B, Nicholls SJ, Barlis P, West NEJ, Arbab-Zadeh A, Ye JC, Dijkstra J, Lee H, Narula J, Crea F, Nakamura S, Kakuta T, Fujimoto J, Fuster V, Jang …See abstract for full author list ➔ *Author Correction: Optical coherence tomography in coronary atherosclerosis assessment and intervention.* Nat Rev Cardiol. 2023 Dec 18. doi: 10.1038/s41569-023-00982-z. Online ahead of print.PMID: 38110566 No abstract available.

1421. Iglesies-Grau J, Garcia-Alvarez A, Oliva B, Mendieta G, García-Lunar I, Fuster JJ, Devesa A, Pérez-Herreras C, Fernández-Ortiz A, Brugada R, Ibanez B, Fernandez-Jimenez R, Fuster V**.** *Early insulin resistance in normoglycemic low-risk individuals is associated with subclinical atherosclerosis.* Cardiovasc Diabetol. 2023 Dec 19;22(1):350. doi: 10.1186/s12933-023-02090-1.PMID: 38115031 Free PMC article.

1422. Sánchez-Cabo F, Fuster V, Lara-Pezzi E. *Inflammation contributes to the pathogenic effects of subclinical atherosclerosis.* Eur Heart J. 2024 Jan 27;45(4):313. doi: 10.1093/eurheartj/ehad701.PMID: 37936251 No abstract available

1423. Jou S, Mendez SR, Feinman J, Mitrani LR, Fuster V, Mangiola M, Moazami N, Gidea C. *Heart transplantation: advances in expanding the donor pool and xenotransplantation.* Nat Rev Cardiol. 2024 Jan;21(1):25-36. doi: 10.1038/s41569-023-00902-1. Epub 2023 Jul 14.PMID: 37452122 Review.

1424. Toribio-Fernandez R, Ceron C, Tristão-Pereira C, Fernandez-Nueda I, Perez-Castillo A, Fernandez-Ferro J, Moro MA, Ibañez B, Fuster V, Cortes-Canteli M. *Oral anticoagulants: A plausible new treatment for Alzheimer's disease?* Br J Pharmacol. 2024 Mar;181(6):760-776. doi: 10.1111/bph.16032. Epub 2023 Jan 31.PMID: 36633908 Review.

1425. Santos-Beneit G, Fernández-Jiménez R, Fuster V**.** *Education and Information to Improve Cardiovascular Health-Reply.* JAMA Cardiol. 2024 Jan 24. doi: 10.1001/jamacardio.2023.5248. Online ahead of print.PMID: 38265786 No abstract available.

1426. Toribio-Fernández R, Tristão-Pereira C, Carlos Silla-Castro J, Callejas S, Oliva B, Fernandez-Nueda I, Garcia-Lunar I, Perez-Herreras C, María Ordovás J, Martin P, Blanco-Kelly F, Ayuso C, Lara-Pezzi E, Fernandez-Ortiz A, Garcia-Alvarez A, Dopazo A, Sanchez-Cabo F, Ibanez B, Cortes-Canteli M, Fuster V. *Apolipoprotein E-ε2 and Resistance to Atherosclerosis in Midlife: The PESA Observational Study.* Circ Res. 2024 Feb 16;134(4):411-424. doi: 10.1161/CIRCRESAHA.123.323921. Epub 2024 Jan 23.PMID: 38258600 Free article.

1427. Trivieri MG, Robson PM, Vergani V, LaRocca G, Romero-Daza AM, Abgral R, Devesa A, Azoulay LD, Karakatsanis NA, Parikh A, Panagiota C, Palmisano A, DePalo L, Chang HL, Rothstein JH, Fayad RA, Miller MA, Fuster V, Narula J, Dweck MR, Morgenthau A, Jacobi A, Padilla M, Kovacic JC, Fayad ZA. *Hybrid Magnetic Resonance Positron Emission Tomography Is Associated With Cardiac-Related Outcomes in Cardiac Sarcoidosis.* JACC Cardiovasc Imaging. 2024 Jan 20:S1936-878X(23)00529-6. doi: 10.1016/j.jcmg.2023.11.010. Online ahead of print.PMID: 38300202

1428. Araki M, Park SJ, Dauerman HL, Uemura S, Kim JS, Di Mario C, Johnson TW, Guagliumi G, Kastrati A, Joner M, Holm NR, Alfonso F, Wijns W, Adriaenssens T, Nef H, Rioufol G, Amabile N, Souteyrand G, Meneveau N, Gerbaud E, Opolski MP, Gonzalo N, Tearney GJ, Bouma B, Aguirre AD, Mintz GS, Stone GW, Bourantas CV, Räber L, Gili S, Mizuno K, Kimura S, Shinke T, Hong MK, Jang Y, Cho JM, Yan BP, Porto I, Niccoli G, Montone RA, Thondapu V, Papafaklis MI, Michalis LK, Reynolds H, Saw J, Libby P, Weisz G, Iannaccone M, Gori T, Toutouzas K, Yonetsu T, Minami Y, Takano M, Raffel OC, Kurihara O, Soeda T, Sugiyama T, Kim HO, Lee T, Higuma T, Nakajima A, Yamamoto E, Bryniarski KL, Di Vito L, Vergallo R, Fracassi F, Russo M, Seegers LM, McNulty I, Park S, Feldman M, Escaned J, Prati F, Arbustini E, Pinto FJ, Waksman R, Garcia-Garcia HM, Maehara A, Ali Z, Finn AV, Virmani R, Kini AS, Daemen J, Kume T, Hibi K, Tanaka A, Akasaka T, Kubo T, Yasuda S, Croce K, Granada JF, Lerman A, Prasad A, Regar E, Saito Y, Sankardas MA, Subban V, Weissman NJ, Chen Y, Yu B, Nicholls SJ, Barlis P, West NEJ, Arbab-Zadeh A, Ye JC, Dijkstra J, Lee H, Narula J, Crea F, Nakamura S, Kakuta T, Fujimoto J, Fuster V, Jang …See abstract for full author list ➔. *Author Correction: Optical coherence tomography in coronary atherosclerosis assessment and intervention.* Nat Rev Cardiol. 2024 May;21(5):348. doi: 10.1038/s41569-023-00982-z.PMID: 38110566 No abstract available.
1429. Toribio-Fernandez R, Ceron C, Tristão-Pereira C, Fernandez-Nueda I, Perez-Castillo A, Fernandez-Ferro J, Moro MA, Ibañez B, Fuster V, Cortes-Canteli M. *Oral anticoagulants: A plausible new treatment for Alzheimer's disease?* Br J Pharmacol. 2024 Mar;181(6):760-776. doi: 10.1111/bph.16032. Epub 2023 Jan 31.PMID: 36633908 Review.
1430. Fuster V. *Chronological vs Biological Aging: JACC Journals Family Series.* J Am Coll Cardiol. 2024 Mar 22:S0735-1097(24)00489-3. doi: 10.1016/j.jacc.2024.03.003. Online ahead of print.PMID: 38597863 No abstract available.
1431. Fuster V. *Editor-in-Chief's Top Picks From 2023.* J Am Coll Cardiol. 2024 Mar 12;83(10):961-1026. doi: 10.1016/j.jacc.2024.01.001.PMID: 38448128
1432. Baddour LM, Fuster V. *Today's Infective Endocarditis: Not What You Learned in Medical School.* J Am Coll Cardiol. 2024 Apr 9;83(14):1324-1325. doi: 10.1016/j.jacc.2024.02.025.PMID: 38569762 No abstract available.
1433. Moreno PR, Fuster V. *JACC Focus Seminar on Mechanical Complications of Acute Myocardial Infarction.* J Am Coll Cardiol. 2024 Mar 30:S0735-1097(24)06820-7. doi: 10.1016/j.jacc.2024.03.414. Online ahead of print.PMID: 38561163 No abstract available.
1434. Trivieri MG, Robson PM, Vergani V, LaRocca G, Romero-Daza AM, Abgral R, Devesa A, Azoulay LD, Karakatsanis NA, Parikh A, Panagiota C, Palmisano A, DePalo L, Chang HL, Rothstein JH, Fayad RA, Miller MA, Fuster V, Narula J, Dweck MR, Morgenthau A, Jacobi A, Padilla M, Kovacic JC, Fayad ZA. *Hybrid Magnetic Resonance Positron Emission Tomography Is Associated With Cardiac-Related Outcomes in Cardiac Sarcoidosis.* JACC Cardiovasc Imaging. 2024 Apr;17(4):411-424. doi: 10.1016/j.jcmg.2023.11.010. Epub 2024 Jan 31.PMID: 38300202
1435. Santos-Beneit G, Fernández-Jiménez R, Fuster V. *Education and Information to Improve Cardiovascular Health-Reply.* JAMA Cardiol. 2024 Mar 1;9(3):306-307. doi: 10.1001/jamacardio.2023.5248.PMID: 38265786 No abstract available.
1436. Bienstock S, Lee SE, Lin F, Blankstein R, Leipsic J, Patel K, Narula J, Chandrashekhar YS, Fuster V, Shaw LJ. *Systemic Inflammation With High-Sensitivity C-Reactive Protein and Atherosclerotic Plaque Progression.* JACC Cardiovasc Imaging. 2024 Feb;17(2):212-213. doi: 10.1016/j.jcmg.2023.08.019. Epub 2023 Nov 1.PMID: 37921719 No abstract available.
1437. Martínez-Gómez J, de Cos-Gandoy A, Fernández-Alvira JM, Bodega P, de Miguel M, Tresserra-Rimbau A, Laveriano-Santos EP, Ramirez-Garza SL, Orrit X, Carvajal I, Estruch R, Lamuela-

Raventós RM, Santos-Beneit G, Fuster V, Fernández-Jiménez R. *Cardiovascular Health Trajectories in Adolescence and Their Association With Sociodemographic and Cardiometabolic Outcomes in Spain.* Adolesc Health. 2024 May;74(5):1039-1048. doi: 10.1016/j.jadohealth.2023.12.016. Epub 2024 Feb 6.PMID: 38323971

1438. Fernández-Friera L, García-Alvarez A, Oliva B, García-Lunar I, García I, Moreno-Arciniegas A, Gómez-Talavera S, Pérez-Herreras C, Sánchez-González J, de Vega VM, Rossello X, Bueno H, Fernández-Ortiz A, Ibañez B, Sanz J, Fuster V. *Association between subclinical atherosclerosis burden and unrecognized myocardial infarction detected by cardiac magnetic resonance in middle-aged adults.*Eur Heart J Cardiovasc Imaging. 2024 Mar 1:jeae044. doi: 10.1093/ehjci/jeae044. Online ahead of print.PMID: 38426763

1439. García-Lunar I, Jorge I, Sáiz J, Solanes N, Dantas AP, Rodríguez-Arias JJ, Ascaso M, Galán-Arriola C, Jiménez FR, Sandoval E, Nuche J, Moran-Garrido M, Camafeita E, Rigol M, Sánchez-Gonzalez J, Fuster V, Vázquez J, Barbas C, Ibáñez B, Pereda D, García-Álvarez A. *Metabolic changes contribute to maladaptive right ventricular hypertrophy in pulmonary hypertension beyond pressure overload: an integrative imaging and omics investigation.* Basic Res Cardiol. 2024 Mar 27. doi: 10.1007/s00395-024-01041-5. Online ahead of print.PMID: 38536505

1440. Nielsen RV, Fuster V, Bundgaard H, Fuster JJ, Johri AM, Kofoed KF, Douglas PS, Diederichsen A, Shapiro MD, Nicholls SJ, Nordestgaard BG, Lindholt JS, MacRae C, Yuan C, Newby DE, Urbina EM, Bergström G, Ridderstråle M, Budoff MJ, Bøttcher M, Raitakari OT, Hansen TH, Näslund U, Sillesen H, Eldrup N, Ibanez B. *Personalized Intervention Based on Early Detection of Atherosclerosis: JACC State-of-the-Art Review.* J Am Coll Cardiol. 2024 May 28;83(21):2112-2127. doi: 10.1016/j.jacc.2024.02.053.PMID: 38777513 Review.

1441. Araki M, Park SJ, Dauerman HL, Uemura S, Kim JS, Di Mario C, Johnson TW, Guagliumi G, Kastrati A, Joner M, Holm NR, Alfonso F, Wijns W, Adriaenssens T, Nef H, Rioufol G, Amabile N, Souteyrand G, Meneveau N, Gerbaud E, Opolski MP, Gonzalo N, Tearney GJ, Bouma B, Aguirre AD, Mintz GS, Stone GW, Bourantas CV, Räber L, Gili S, Mizuno K, Kimura S, Shinke T, Hong MK, Jang Y, Cho JM, Yan BP, Porto I, Niccoli G, Montone RA, Thondapu V, Papafaklis MI, Michalis LK, Reynolds H, Saw J, Libby P, Weisz G, Iannaccone M, Gori T, Toutouzas K, Yonetsu T, Minami Y, Takano M, Raffel OC, Kurihara O, Soeda T, Sugiyama T, Kim HO, Lee T, Higuma T, Nakajima A, Yamamoto E, Bryniarski KL, Di Vito L, Vergallo R, Fracassi F, Russo M, Seegers LM, McNulty I, Park S, Feldman M, Escaned J, Prati F, Arbustini E, Pinto FJ, Waksman R, Garcia-Garcia HM, Maehara A, Ali Z, Finn AV, Virmani R, Kini AS, Daemen J, Kume T, Hibi K, Tanaka A, Akasaka T, Kubo T, Yasuda S, Croce K, Granada JF, Lerman A, Prasad A, Regar E, Saito Y, Sankardas MA, Subban V, Weissman NJ, Chen Y, Yu B, Nicholls SJ, Barlis P, West NEJ, Arbab-Zadeh A, Ye JC, Dijkstra J, Lee H, Narula J, Crea F, Nakamura S, Kakuta T, Fujimoto J, Fuster V, Jang …See abstract for full author list ➔ *Author Correction: Optical coherence tomography in coronary atherosclerosis assessment and intervention.* Nat Rev Cardiol. 2024 May;21(5):348. doi: 10.1038/s41569-023-00982-z.PMID: 38110566 No abstract available.

1442. Moreno PR, Fuster V**.** *JACC Focus Seminar on Mechanical Complications of Acute Myocardial Infarction.* J Am Coll Cardiol. 2024 May 7;83(18):1775-1778. doi: 10.1016/j.jacc.2024.03.414.PMID: 38561163 Review. No abstract available.

1443. Taqueti VR, Fuster V**.** *The Rise of 2 Interacting Subspecialties in Cardiology: Cardiometabolic Diseases and the Microcirculation.* J Am Coll Cardiol. 2024 May 7;83(18):1821-1823. doi: 10.1016/j.jacc.2024.03.397.PMID: 38692831 No abstract available.

1444. Fayad ZA, Robson PM, Fuster V**.** *Rethinking Heart Attack Prevention: The Myth of the "Vulnerable Plaque" and Reality of Patient Risk.* J Am Coll Cardiol. 2024 Jun 4;83(22):2145-

2147. doi: 10.1016/j.jacc.2024.04.007.PMID: 38811092 No abstract available.

1445. Mensah GA, Myers T, Schmelzer R Jr, Spaeth S, Roth GA, Fuster V. *Turning Data Into Action: The JACC Global Burden of Cardiovascular Diseases and Risks Interactive Tool and Resources.* J Am Coll Cardiol. 2024 Jun 18;83(24):2610-2613. doi: 10.1016/j.jacc.2024.05.007.PMID: 38866451 No abstract available.

1446. Trivieri MG, Robson PM, Vergani V, LaRocca G, Romero-Daza AM, Abgral R, Devesa A, Azoulay LD, Karakatsanis NA, Parikh A, Panagiota C, Palmisano A, DePalo L, Chang HL, Rothstein JH, Fayad RA, Miller MA, Fuster V, Narula J, Dweck MR, Morgenthau A, Jacobi A, Padilla M, Kovacic JC, Fayad ZA. *Hybrid Magnetic Resonance Positron Emission Tomography Is Associated With Cardiac-Related Outcomes in Cardiac Sarcoidosis.* JACC Cardiovasc Imaging. 2024 Apr;17(4):411-424. doi: 10.1016/j.jcmg.2023.11.010. Epub 2024 Jan 31.PMID: 38300202

1447. Fernández-Friera L, García-Alvarez A, Oliva B, García-Lunar I, García I, Moreno-Arciniegas A, Gómez-Talavera S, Pérez-Herreras C, Sánchez-González J, de Vega VM, Rossello X, Bueno H, Fernández-Ortiz A, Ibañez B, Sanz J, Fuster V**.** *Association between subclinical atherosclerosis burden and unrecognized myocardial infarction detected by cardiac magnetic resonance in middle-aged low-risk adults.* Eur Heart J Cardiovasc Imaging. 2024 Jun 28;25(7):968-975. doi: 10.1093/ehjci/jeae044.PMID: 38426763 Free PMC article.

1448. García-Lunar I, Jorge I, Sáiz J, Solanes N, Dantas AP, Rodríguez-Arias JJ, Ascaso M, Galán-Arriola C, Jiménez FR, Sandoval E, Nuche J, Moran-Garrido M, Camafeita E, Rigol M, Sánchez-Gonzalez J, Fuster V, Vázquez J, Barbas C, Ibáñez B, Pereda D, García-Álvarez A. *Metabolic changes contribute to maladaptive right ventricular hypertrophy in pulmonary hypertension beyond pressure overload: an integrative imaging and omics investigation.* Basic Res Cardiol. 2024 Jun;119(3):419-433. doi: 10.1007/s00395-024-01041-5. Epub 2024 Mar 27.PMID: 38536505 Free PMC article.

1449. Bienstock S, Lee SE, Lin F, Blankstein R, Leipsic J, Patel K, Narula J, Chandrashekhar YS, Fuster V, Shaw LJ. *Systemic Inflammation With High-Sensitivity C-Reactive Protein and Atherosclerotic Plaque Progression.* JACC Cardiovasc Imaging. 2024 Feb;17(2):212-213. doi: 10.1016/j.jcmg.2023.08.019. Epub 2023 Nov 1.PMID: 37921719 No abstract available.

1550. Al-Kazaz M, Klein AL, Oh JK, Crestanello JA, Cremer PC, Tong MZ, Koprivanac M, Fuster V, El-Hamamsy I, Adams DH, Johnston DR. *Pericardial Diseases and Best Practices for Pericardiectomy: JACC State-of-the-Art Review.* J Am Coll Cardiol. 2024 Aug 6;84(6):561-580. doi: 10.1016/j.jacc.2024.05.048.PMID: 39084831 Review.

1551. Koshy AN, Stone GW, Sartori S, Dhulipala V, Giustino G, Spirito A, Farhan S, Smith KF, Feng Y, Vinayak M, Salehi N, Tanner R, Hooda A, Krishnamoorthy P, Sweeny JM, Khera S, Dangas G, Filsoufi F, Mehran R, Kini AS, Fuster V, Sharma SK. *Outcomes Following Percutaneous Coronary Intervention in Patients With Multivessel Disease Who Were Recommended for But Declined Coronary Artery Bypass Graft Surgery.*J Am Heart Assoc. 2024 Jun 4;13(11):e033931. doi: 10.1161/JAHA.123.033931. Epub 2024 May 31.PMID: 38818962 Free PMC article.

1552. Beard CM, Fuster V, Annegers JF. *Reproductive history in women with coronary heart disease. A case-control study.*Am J Epidemiol. 1984 Jul;120(1):108-14. doi: 10.1093/oxfordjournals.aje.a113859.PMID: 6741912

1553. Santos-Beneit G, Bodega P, de Cos-Gandoy A, de Miguel M, Rodríguez C, Orrit X, Carral V, Haro D, Carvajal I, Peyra C, Martínez-Gómez J, Fernández-Alvira JM, Fernández-Jiménez R, Fuster V**.** *Effect of Time-Varying Exposure to School-Based Health Promotion on Adiposity in Childhood.*J Am Coll Cardiol. 2024 Aug 6;84(6):499-508. doi: 10.1016/j.jacc.2024.04.065.PMID: 39084824 Clinical Trial.

1554. Xu Y, Korayem A, Cruz-Solbes AS, Chandel N, Sakata T, Mazurek R, Mavropoulos SA, Kariya

T, Aikawa T, Yamada KP, D'Escamard V, V'Gangula B, Baker AH, Ma L, Björkegren JLM, Fuster V, Boehm M, Fish KM, Tadros R, Ishikawa K, Kovacic JC. *Inhibition of endothelial to mesenchymal transition in a large animal preclinical arterio-venous fistula model leads to improved remodeling and reduced stenosis.*Cardiovasc Res. 2024 Jul 26:cvae157. doi: 10.1093/cvr/cvae157. Online ahead of print.PMID: 39056563

1555. Tristão-Pereira C, Fuster V, Lopez-Jimenez A, Fernández-Pena A, Semerano A, Fernandez-Nueda I, Garcia-Lunar I, Ayuso C, Sanchez-Gonzalez J, Ibanez B, Gispert JD, Cortes-Canteli M. *Subclinical atherosclerosis and brain health in midlife: Rationale and design of the PESA-Brain study.* Am Heart J. 2024 Dec;278:195-207. doi: 10.1016/j.ahj.2024.09.028. Epub 2024 Sep 24.PMID: 39322173 Free article.
ENROLLMENT DATES: The PESA-Brain study started in October 2020 and is estimated to be completed by December 2024. CONCLUSION: This study is in a unique position to unveil novel relationships between cardiovascular and brain alterations in the health-to-disease transition.

1556. Vilahur G, **Fuster V.** *Interplay between platelets and coagulation: from protective haemostasis to pathological arterial thrombosis.*Eur Heart J. 2024 Dec 3:ehae776. doi: 10.1093/eurheartj/ehae776. Online ahead of print.PMID: 39673717

1557. WHO Rapid Evidence Appraisal for COVID-19 Therapies (REACT) Working Group; Vale CL, Godolphin PJ, Fisher DJ, Higgins JPT, McAleenan A, Spiga F, Tritschler T, de Barros E Silva PGM, Berg DD, Berger JS, Berry LR, Bikdeli B, Blondon M, Bohula EA, Cattaneo M, Colombo R, Coluccio V, DeSancho MT, Farkouh ME, Fuster V, Girardis M, Hochman JS, Jensen TP, Jha V, Jüni P, Kirtane AJ, Lawler P, Le Gal G, Lecumberri R, Lentz SR, Lopes RD, Lorenzi E, Marietta M, Miranda CH, Morici N, Morpeth SC, Morrow DA, McQuilten ZK, Muñoz-Rivas N, Neal MD, Pant S, Parikh SA, Perepu U, Sadeghipour P, Sethi S, Sholzberg M, Spyropoulos AC, Stone GW, Talasaz AH, Tong S, Totterdell J, Venkatesh B, Wu MA, Zarychanski R, Zuily S, Viry J, Rylance J, Adhikari NKJ, Diaz JV, Marshall JC, Sterne JAC, Murthy S. *Anticoagulation Among Patients Hospitalized for COVID-19 : A Systematic Review and Prospective Meta-analysis.*Ann Intern Med. 2024 Dec 24. doi: 10.7326/ANNALS-24-00800. Online ahead of print.PMID: 39715559 Free article**.** Review.

1558. Godoy LC, Fuster V, Razzouk L, Dangas G, Sethi SS, Sidhu MS, Rodriguez AE, Solomon SD, Farkouh ME. *Causes of Death Following Coronary Revascularization in Patients with Diabetes.*Ann Thorac Surg. 2024 Dec 24:S0003-4975(24)01119-6. doi: 10.1016/j.athoracsur.2024.12.013. Online ahead of print.PMID: 39725250

1559. Beard CM, Fuster V, Annegers JF. *Reproductive history in women with coronary heart disease. A case-control study.*Am J Epidemiol. 1984 Jul;120(1):108-14. doi: 10.1093/oxfordjournals.aje.a113859.PMID: 6741912

1560. Xu Y, Korayem A, Cruz-Solbes AS, Chandel N, Sakata T, Mazurek R, Mavropoulos SA, Kariya T, Aikawa T, Yamada KP, D'Escamard V, V'Gangula B, Baker AH, Ma L, Björkegren JLM, Fuster V, Boehm M, Fish KM, Tadros R, Ishikawa K, Kovacic JC. *Inhibition of endothelial-to-mesenchymal transition in a large animal preclinical arteriovenous fistula model leads to improved remodelling and reduced stenosis.* Cardiovasc Res. 2024 Nov 25;120(14):1768-1779. doi: 10.1093/cvr/cvae157.PMID: 39056563 Free PMC article.

1561. Devesa A, Fuster V, García-Lunar I, Oliva B, García-Alvarez A, Moreno-Arciniegas A, Vazirani R, Pérez-Herreras C, Marina P, Bueno H, Fernández-Friera L, Fernández-Ortiz A, Sanchez-Gonzalez J, Ibanez B. *Coronary Microvascular Function in Asymptomatic Middle-Aged Individuals With Cardiometabolic Risk Factors.* JACC Cardiovasc Imaging. 2025 Jan;18(1):48-58. doi: 10.1016/j.jcmg.2024.08.002. Epub 2024 Sep 11.PMID: 39269413 Free article.

1562. Santos-Beneit G, Fernández-Jiménez R, Fuster V**.** *Education and Information to Improve Cardiovascular Health-Reply*. JAMA Cardiol. 2024 Mar 1;9(3):306-307. doi: 10.1001/jamacardio.2023.5248.PMID: 38265786 No abstract available.

1563. Fernández-Tocino M, Pun-Garcia A, Gómez M, Clemente-Moragón A, Oliver E, Villena-Gutierrez R, Trigo-Anca S, Díaz-Guerra A, Sanz-Rosa D, Prados B, Del Campo L, Andrés V, Fuster V, de la Pompa JL, Cádiz L, Ibañez B. *β3-Adrenergic receptor overexpression in cardiomyocytes preconditions mitochondria to withstand ischemia-reperfusion injury.*Basic Res Cardiol. 2024 Oct;119(5):773-794. doi: 10.1007/s00395-024-01072-y. Epub 2024 Aug 12.PMID: 39134663 Free PMC article.

1564. Santos-Beneit G, Fernández-Jiménez R, Fuster V; *Reply: Considerations on the SI! Program for Elementary Schools Trial.* SI! Program for Elementary Schools Trial Investigators.J Am Coll Cardiol. 2024 Dec 17;84(25):e357-e358. doi: 10.1016/j.jacc.2024.09.1241.PMID: 39663012 No abstract available.

1565. Fuster V. *Tribute to an Outstanding Clinician and Friend Roman DeSanctis*. J Am Coll Cardiol. 2024 Oct 15;84(16):1582-1583. doi: 10.1016/j.jacc.2024.08.020.PMID: 39384266 No abstract available.

1566. Díez-Díez M, Ramos-Neble BL, de la Barrera J, Silla-Castro JC, Quintas A, Vázquez E, Rey-Martín MA, Izzi B, Sánchez-García L, García-Lunar I, Mendieta G, Mass V, Gómez-López N, Espadas C, González G, Quesada AJ, García-Álvarez A, Fernández-Ortiz A, Lara-Pezzi E, Dopazo A, Sánchez-Cabo F, Ibáñez B, Andrés V, Fuster V, Fuster JJ. *Unidirectional association of clonal hematopoiesis with atherosclerosis development.* Nat Med. 2024 Oct;30(10):2857-2866. doi: 10.1038/s41591-024-03213-1.

1567. Fuster V, García-Álvarez A, Devesa A, Mass V, Owen R, Quesada A, Fuster JJ, García-Lunar I, Pocock S, Sánchez-González J, Sartori S, Peyra C, Andres V, Muntendam P, Ibanez B. *Influence of Subclinical Atherosclerosis Burden and Progression on Mortality*. J Am Coll Cardiol. 2024 Oct 8;84(15):1391-1403. doi: 10.1016/j.jacc.2024.06.045.

1568. WHO Rapid Evidence Appraisal for COVID-19 Therapies (REACT) Working Group; Vale CL, Godolphin PJ, Fisher DJ, Higgins JPT, McAleenan A, Spiga F, Tritschler T, de Barros E Silva PGM, Berg DD, Berger JS, Berry LR, Bikdeli B, Blondon M, Bohula EA, Cattaneo M, Colombo R, Coluccio V, DeSancho MT, Farkouh ME, Fuster V, Girardis M, Hochman JS, Jensen TP, Jha V, Jüni P, Kirtane AJ, Lawler P, Le Gal G, Lecumberri R, Lentz SR, Lopes RD, Lorenzi E, Marietta M, Miranda CH, Morici N, Morpeth SC, Morrow DA, McQuilten ZK, Muñoz-Rivas N, Neal MD, Pant S, Parikh SA, Perepu U, Sadeghipour P, Sethi S, Sholzberg M, Spyropoulos AC, Stone GW, Talasaz AH, Tong S, Totterdell J, Venkatesh B, Wu MA, Zarychanski R, Zuily S, Viry J, Rylance J, Adhikari NKJ, Diaz JV, Marshall JC, Sterne JAC, Murthy S. *Anticoagulation Among Patients Hospitalized for COVID-19 : A Systematic Review and Prospective Meta-analysis.* Ann Intern Med. 2025 Jan;178(1):59-69. doi: 10.7326/ANNALS-24-00800.

1569. García-Lunar I, Jorge I, Sáiz J, Solanes N, Dantas AP, Rodríguez-Arias JJ, Ascaso M, Galán-Arriola C, Jiménez FR, Sandoval E, Nuche J, Moran-Garrido M, Camafeita E, Rigol M, Sánchez-Gonzalez J, Fuster V, Vázquez J, Barbas C, Ibáñez B, Pereda D, García-Álvarez A. *Metabolic changes contribute to maladaptive right ventricular hypertrophy in pulmonary hypertension beyond pressure overload: an integrative imaging and omics investigation.* Basic Res Cardiol. 2024 Jun;119(3):419-433. doi: 10.1007/s00395-024-01041-5.

1570. Araki M, Park SJ, Dauerman HL, Uemura S, Kim JS, Di Mario C, Johnson TW, Guagliumi G, Kastrati A, Joner M, Holm NR, Alfonso F, Wijns W, Adriaenssens T, Nef H, Rioufol G, Amabile N, Souteyrand G, Meneveau N, Gerbaud E, Opolski MP, Gonzalo N, Tearney GJ, Bouma B, Aguirre AD, Mintz GS, Stone GW, Bourantas CV, Räber L, Gili S, Mizuno K, Kimura S, Shinke T, Hong MK, Jang Y, Cho JM, Yan BP, Porto I, Niccoli G, Montone RA,

Thondapu V, Papafaklis MI, Michalis LK, Reynolds H, Saw J, Libby P, Weisz G, Iannaccone M, Gori T, Toutouzas K, Yonetsu T, Minami Y, Takano M, Raffel OC, Kurihara O, Soeda T, Sugiyama T, Kim HO, Lee T, Higuma T, Nakajima A, Yamamoto E, Bryniarski KL, Di Vito L, Vergallo R, Fracassi F, Russo M, Seegers LM, McNulty I, Park S, Feldman M, Escaned J, Prati F, Arbustini E, Pinto FJ, Waksman R, Garcia-Garcia HM, Maehara A, Ali Z, Finn AV, Virmani R, Kini AS, Daemen J, Kume T, Hibi K, Tanaka A, Akasaka T, Kubo T, Yasuda S, Croce K, Granada JF, Lerman A, Prasad A, Regar E, Saito Y, Sankardas MA, Subban V, Weissman NJ, Chen Y, Yu B, Nicholls SJ, Barlis P, West NEJ, Arbab-Zadeh A, Ye JC, Dijkstra J, Lee H, Narula J, Crea F, Nakamura S, Kakuta T, Fujimoto J, Fuster V, Jang …See abstract for full author list ➔ *Author Correction: Optical coherence tomography in coronary atherosclerosis assessment and intervention.* Nat Rev Cardiol. 2024 May;21(5):348. doi: 10.1038/s41569-023-00982-z.

1571. Jou S, Mendez SR, Feinman J, Mitrani LR, Fuster V, Mangiola M, Moazami N, Gidea C. *Heart transplantation: advances in expanding the donor pool and xenotransplantation.* Nat Rev Cardiol. 2024 Jan;21(1):25-36. doi: 10.1038/s41569-023-00902-1.
1572. Santos-Beneit G, Fernández-Jiménez R, Fuster V**.** *Education and Information to Improve Cardiovascular Health-Reply.* JAMA Cardiol. 2024 Mar 1;9(3):306-307. doi: 10.1001/jamacardio.2023.5248.
1573. Fernández-Friera L, García-Alvarez A, Oliva B, García-Lunar I, García I, Moreno-Arciniegas A, Gómez-Talavera S, Pérez-Herreras C, Sánchez-González J, de Vega VM, Rossello X, Bueno H, Fernández-Ortiz A, Ibañez B, Sanz J, Fuster V**.** *Association between subclinical atherosclerosis burden and unrecognized myocardial infarction detected by cardiac magnetic resonance in middle-aged low-risk adults.* Eur Heart J Cardiovasc Imaging. 2024 Jun 28;25(7):968-975. doi: 10.1093/ehjci/jeae044.PMID: 38426763
1574. Koshy AN, Stone GW, Sartori S, Dhulipala V, Giustino G, Spirito A, Farhan S, Smith KF, Feng Y, Vinayak M, Salehi N, Tanner R, Hooda A, Krishnamoorthy P, Sweeny JM, Khera S, Dangas G, Filsoufi F, Mehran R, Kini AS, Fuster V, Sharma SK. *Outcomes Following Percutaneous Coronary Intervention in Patients With Multivessel Disease Who Were Recommended for But Declined Coronary Artery Bypass Graft Surgery.* J Am Heart Assoc. 2024 Jun 4;13(11):e033931. doi: 10.1161/JAHA.123.033931.
1575. Bienstock S, Lee SE, Lin F, Blankstein R, Leipsic J, Patel K, Narula J, Chandrashekhar YS, Fuster V, Shaw LJ. *Systemic Inflammation With High-Sensitivity C-Reactive Protein and Atherosclerotic Plaque Progression.* JACC Cardiovasc Imaging. 2024 Feb;17(2):212-213. doi: 10.1016/j.jcmg.2023.08.019. Epub 2023 Nov 1.
1576. Martínez-Gómez J, de Cos-Gandoy A, Fernández-Alvira JM, Bodega P, de Miguel M, Tresserra-Rimbau A, Laveriano-Santos EP, Ramirez-Garza SL, Orrit X, Carvajal I, Estruch R, Lamuela-Raventós RM, Santos-Beneit G, Fuster V, Fernández-Jiménez R. *Cardiovascular Health Trajectories in Adolescence and Their Association With Sociodemographic and Cardiometabolic Outcomes in Spain.*J Adolesc Health. 2024 May;74(5):1039-1048. doi: 10.1016/j.jadohealth.2023.12.016.
1577. Raposeiras-Roubin S, Amat-Santos IJ, Rossello X, González Ferreiro R, González Bermúdez I, Lopez Otero D, Nombela-Franco L, Gheorghe L, Diez JL, Baladrón Zorita C, Baz JA, Muñoz García AJ, Vilalta V, Ojeda-Pineda S, de la Torre Hernández JM, Cordoba Soriano JG, Regueiro A, Bordes Siscar P, Salgado Fernández J, Garcia Del Blanco B, Martín-Reyes R, Romaguera R, Moris C, García Blas S, Franco-Peláez JA, Cruz-González I, Arzamendi D, Romero Rodríguez N, Díez-Del Hoyo F, Camacho Freire S, Bosa Ojeda F, Astorga Burgo JC, Molina Navarro E, Caballero Borrego J, Ruiz Quevedo V, Sánchez-Recalde Á, Peral Disdier V, Alegría-Barrero E, Torres-Llergo J, Feltes G, Fernández Díaz JA, Cuellas C, Jiménez Britez G, Sánchez-Rubio

Lezcano J, Barreiro-Pardal C, Núñez-Gil I, Abu-Assi E, Iñiguez-Romo A, Fuster V, Ibáñez B; DapaTAVI Investigators. *Dapagliflozin in Patients Undergoing Transcatheter Aortic-Valve Implantation.* N Engl J Med. 2025 Apr 10;392(14):1396-1405. doi: 10.1056/NEJMoa2500366.

1578. Beerkens FJ, Tang GHL, Kini AS, Lerakis S, Dangas GD, Mehran R, Khera S, Goldman M, Fuster V, Bhatt DL, Webb JG, Sharma SK. *Transcatheter Aortic Valve Replacement Beyond Severe Aortic Stenosis: JACC State-of-the-Art Review.* J Am Coll Cardiol. 2025 Mar 11;85(9):944-964. doi: 10.1016/j.jacc.2024.11.051.
1579. Vergallo R, Park SJ, Stone GW, Erlinge D, Porto I, Waksman R, Mintz GS, D'Ascenzo F, Seitun S, Saba L, Vliegenthart R, Alfonso F, Arbab-Zadeh A, Libby P, Di Carli MF, Muller JE, Maurer G, Gropler RJ, Chandrashekhar YS, Braunwald E, Fuster V, Jang IK. *Vulnerable or High-Risk Plaque: A JACC: Cardiovascular Imaging Position Statement.* JACC Cardiovasc Imaging. 2025 Jun;18(6):709-740. doi: 10.1016/j.jcmg.2024.12.004. Epub 2025 Feb 26.
1580. Casas R, Ruiz-León AM, Argente J, Alasalvar C, Bajoub A, Bertomeu I, Caroli M, Castro-Barquero S, Crispi F, Delarue J, Fernández-Jiménez R, Fuster V, Fontecha J, Gómez-Fernández P, González-Juste J, Kanaka-Gantenbein C, Kostopoulou E, Lamuela-Raventós RM, Manios Y, Marcos A, Moreno LA, de Pascual-Teresa S, Raidó-Quintana B, Rivera-Ferre MG, Santos-Beneit G, Shai I, Spiliotis BE, Trichopoulou A, Vania A, Varela-Moreiras G, Vila-Marti A, Willett W, Ros E, Estruch R. *A New Mediterranean Lifestyle Pyramid for Children and Youth: A Critical Lifestyle Tool for Preventing Obesity and Associated Cardiometabolic Diseases in a Sustainable Context.* Adv Nutr. 2025 Mar;16(3):100381. doi: 10.1016/j.advnut.2025.100381. Epub 2025 Jan 21.
1581. Devesa A, Fuster V, García-Lunar I, Oliva B, García-Alvarez A, Moreno-Arciniegas A, Vazirani R, Pérez-Herreras C, Marina P, Bueno H, Fernández-Friera L, Fernández-Ortiz A, Sanchez-Gonzalez J, Ibanez B. *Coronary Microvascular Function in Asymptomatic Middle-Aged Individuals With Cardiometabolic Risk Factors.* JACC Cardiovasc Imaging. 2025 Jan;18(1):48-58. doi: 10.1016/j.jcmg.2024.08.002.
1582. Vilahur G, Fuster V**.** *Interplay between platelets and coagulation: from protective haemostasis to pathological arterial thrombosis.* Eur Heart J. 2025 Feb 3;46(5):413-423. doi: 10.1093/eurheartj/ehae776.
1583. Medina-Hernández D, Cádiz L, Mastrangelo A, Moreno-Arciniegas A, Fernández Tocino M, Cueto Becerra AA, Díaz-Guerra Priego A, Skoza WA, Higuero-Verdejo MI, López-Martín GJ, Pérez-Martínez C, de Molina-Iracheta A, Caballero-Valderrama M, Sánchez-González J, Sancho D, Fuster V, Galán-Arriola C, Ibáñez B. *SGLT2i Therapy Prevents Anthracycline-Induced Cardiotoxicity in a Large Animal Model by Preserving Myocardial Energetics.* JACC CardioOncol. 2025 Feb;7(2):171-184. doi: 10.1016/j.jaccao.2024.12.004.
1584. Pérez MS, Rodríguez-Capitán J, Requena-Ibáñez JA, Santos-Gallego CG, Urooj Zafar M, Escolar G, Mancini D, Mitter S, Lam D, Contreras JP, Fergus I, Atallah-Lajam F, Abascal V, Lala A, Moreno P, Moss N, Lerakis S, Sanz J, Fuster V, Badimon JJ. *Rationale and Design of the SOTA-P-CARDIA Trial (ATRU-V): Sotagliflozin in HFpEF Patients Without Diabetes.* Cardiovasc Drugs Ther. 2025 Feb;39(1):155-164. doi: 10.1007/s10557-023-07469-6.
1585. Fuster V, Sanz G, Castellano JM. *The journey of the cardiovascular polypill from its conception to the WHO List of Essential Medicines.* Nat Cardiovasc Res. 2025 Mar;4(3):259-265. doi: 10.1038/s44161-025-00619-z.
1586. Domanski MJ, Wu CO, Tian X, Li H, Shalhoub R, Miao R, Hasan AA, Huang Y, Reis JP, Fleg JL, Rana JS, Zhang K, Hicks A, Allen NB, Ning H, Bae S, Jacobs DR Jr, Lloyd-Jones DM, Fuster V**.** *Association of Race With Risk of Incident Cardiovascular Disease, Coronary Heart Disease, Heart Failure, and Stroke.* JACC Adv. 2025 Jun;4(6 Pt 1):101811. doi: 10.1016/j.jacadv.2025.101811.

1587. Fujimoto D, Fuster V, Jang IK. *The sequence of changes in intravascular imaging findings during lipid-lowering therapy and its implication.* Nat Cardiovasc Res. 2025 Jun;4(6):661-676. doi: 10.1038/s44161-025-00664-8.
1588. Mastrangelo A, Robles-Vera I, Mañanes D, Galán M, Femenía-Muiña M, Redondo-Urzainqui A, Barrero-Rodríguez R, Papaioannou E, Amores-Iniesta J, Devesa A, Lobo-González M, Carreras A, Beck KR, Ivarsson S, Gummesson A, Georgiopoulos G, Rodrigo-Tapias M, Martínez-Cano S, Fernández-López I, Nuñez V, Ferrarini A, Inohara N, Stamatelopoulos K, Benguría A, Cibrian D, Sánchez-Madrid F, Alonso-Herranz V, Dopazo A, Barbas C, Vázquez J, López JA, González-Martín A, Nuñez G, Stellos K, Bergström G, Bäckhed F, Fuster V, Ibañez B, Sancho D. *Imidazole propionate is a driver and therapeutic target in atherosclerosis.* Nature. 2025 Jul 16. doi: 10.1038/s41586-025-09263-w.
1589. Fuster V, Ibanez B. *The Long-Awaited American ACS Guideline: Closer to a Universal Document.* J Am Coll Cardiol. 2025 Jun 10;85(22):2061-2063. doi: 10.1016/j.jacc.2025.04.039.
1590. Godoy LC, Fuster V, Razzouk L, Dangas G, Sethi SS, Sidhu MS, Rodriguez AE, Solomon SD, Farkouh ME. *Causes of Death After Coronary Revascularization in Patients With Diabetes.* Ann Thorac Surg. 2025 Jun;119(6):1251-1260. doi: 10.1016/j.athoracsur.2024.12.013.
1591. Real C, Párraga R, Martínez-Gómez J, Beneito-Dura M, González-Calvo E, Diaz-Munoz R, Fernández-Acín P, Gutierrez-Ortiz E, Garcia-Cocera M, Sánchez-González J, Pizarro G, García-Lunar I, Galán-Arriola C, Fernández-Alvira JM, De Miguel M, de Cos-Gandoy A, Bodega P, Pérez de Isla L, Fernandez-Ortiz A, Ibáñez B, Santos-Beneit G, Fuster V, Fernández-Jiménez R. *Impact of Cumulative Sleep Duration on Cardiac Structural Remodeling in Asymptomatic Adolescents.* JACC Cardiovasc Imaging. 2025 Jun 5:S1936-878X(25)00252-9. doi: 10.1016/j.jcmg.2025.05.006.
1592. Gómez-Talavera S, Navarro-Guzmán Á, Fernández-Jiménez R, Fuster V, Sánchez-González J, Ibáñez B. *ESSOS single breath-hold 3D magnetic resonance for the assessment of aortic dilation.* Rev Esp Cardiol (Engl Ed). 2025 Jun 26:S1885-5857(25)00192-6. doi: 10.1016/j.rec.2025.04.012.
1593. Gaziano T, Castellano JM, Dymond A, Looby A, Mealing S, Owen R, Pocock S, González-Juanatey JR, Cordero A, Fernández-Ortiz A, Linhart A, Schiele F, Doehner W, Fernández LO, Fuster V**.** *Cost-effectiveness of the CV-polypill strategy versus standard care for secondary cardiovascular prevention in Spain: an analysis based on the SECURE trial.*Lancet Reg Health Eur. 2025 Jun 27;55:101348. doi: 10.1016/j.lanepe.2025.101348.
1594. Fuster V, Charlton P, Boyd A. *Clinical protocol. A phase IIb, randomized, multicenter, double-blind study of the efficacy and safety of Trinam (EG004) in stenosis prevention at the graft-vein anastomosis site in dialysis patients.*Hum Gene Ther. 2001 Nov 1;12(16):2025-7.
1595. Ibanez B, Latini R, Rossello X, Dominguez-Rodriguez A, Fernández-Vazquez F, Pelizzoni V, Sánchez PL, Anguita M, Barrabés JA, Raposeiras-Roubín S, Pocock S, Escalera N, Staszewsky L, Pérez-García CN, Díez-Villanueva P, Pérez-Rivera JA, Prada-Delgado O, Owen R, Pizarro G, Caldes O, Gómez-Talavera S, Tuñón J, Bianco M, Zarauza J, Vetrano A, Campos A, Martínez-Huertas S, Bueno H, Puentes M, Grigis G, Bonilla-Palomas JL, Marco E, González-Juanatey JR, Bangueses R, González-Juanatey C, García-Álvarez A, Ruiz-García J, Carrasquer A, García-Rubira JC, Pascual-Figal D, Tomás-Querol C, San Román JA, Baratta P, Agüero J, Martín-Reyes R, Colivicchi F, Ortas-Nadal R, Bazal P, Cordero A, Fernández-Ortiz A, Basso P, González E, Poletti F, Bugani G, Debiasio M, Cosmi D, Navazio A, Bermejo J, Tortorella G, Marini M, Botas J, de la Torre-Hernández JM, Ottani F, Fuster V; REBOOT-CNIC Investigators. *Beta-Blockers after Myocardial Infarction without Reduced Ejection Fraction* .N Engl J Med. 2025 Nov 13;393(19):1889-1900. doi: 10.1056/NEJMoa2504735. Epub 2025 Aug 30.PMID: 40888702 Clinical Trial

1596. Kristensen AMD, Rossello X, Atar D, Yndigegn T, Kimura T, Latini R, Lindahl B, Halvorsen S, Olsen MH, Fuster V, Hofmann R, Vikenes K, Maeng M, Erlinge D, Pocock S, Karlström P, Bakken A, Lange T, Barrabés JA, Benatar J, Raposeiras-Roubin S, Held C, Piepoli M, Fagerland MW, Holmager T, Ozasa N, Prescott EIB, Munkhaugen J, Jernberg T, Ibanez B; Beta-Blocker Trialists' Collaboration Study Group. *Beta-Blockers after Myocardial Infarction with Normal Ejection Fraction.* N Engl J Med. 2025 Nov 9. doi: 10.1056/NEJMoa2512686. Online ahead of print.PMID: 4121195
1597. Tardo DT, Cortes-Canteli M, Fuster V, Sachdev PS, Kovacic JC. *The Heart-Brain-Metabolism Axis in Cardiovascular and Neurologic Disease.*J Am Coll Cardiol. 2025 Dec 23;86(25):2663-2686. doi: 10.1016/j.jacc.2025.09.1602.PMID: 41432331 Review.
1598. Rossello X, Prescott EIB, Kristensen AMD, Latini R, Fuster V, Fagerland MW, Pocock SJ, Halvorsen S, Dominguez-Rodriguez A, Holmager TLF, Sanchez PL, Bakken A, Raposeiras-Roubin S, Jensen SE, Kimura T, Ottani F, Lambrechtsen J, Anguita M, Ozasa N, Atar D, Ibanez B, Munkhaugen J. *β blockers after myocardial infarction with mildly reduced ejection fraction: an individual patient data meta-analysis of randomised controlled trials.* Lancet. 2025 Sep 13;406(10508):1128-1137. doi: 10.1016/S0140-6736(25)01592-2. Epub 2025 Aug 30.PMID: 40897190No further studies were found in a systematic review (Jan 1, 2020 to June 26, 2025). A one-stage, fixed-effects, Cox proportional hazards regression model was used to assess the treatment effect of beta blockers on the predefined primary composite endpoint of all-cause dea …
1599. Casas R, Ruiz-León AM, Argente J, Alasalvar C, Bajoub A, Bertomeu I, Caroli M, Castro-Barquero S, Crispi F, Delarue J, Fernández-Jiménez R, Fuster V, Fontecha J, Gómez-Fernández P, González-Juste J, Kanaka-Gantenbein C, Kostopoulou E, Lamuela-Raventós RM, Manios Y, Marcos A, Moreno LA, de Pascual-Teresa S, Raidó-Quintana B, Rivera-Ferre MG, Santos-Beneit G, Shai I, Spiliotis BE, Trichopoulou A, Vania A, Varela-Moreiras G, Vila-Marti A, Willett W, Ros E, Estruch R. *A New Mediterranean Lifestyle Pyramid for Children and Youth: A Critical Lifestyle Tool for Preventing Obesity and Associated Cardiometabolic Diseases in a Sustainable Context.* Adv Nutr. 2025 Mar;16(3):100381. doi: 10.1016/j.advnut.2025.100381. Epub 2025 Jan 21.PMID: 39848337 Free PMC article. Review.
1600. Bonanad-Lozano C, García Blas S, Amat-Santos I, Gonzalez-Manzanares R, Sanchís J, López Otero D, Nombela Franco L, Gheorge L, Sanz-Sánchez J, Baladrón Zorita C, Iñiguez Romo A, Muñoz García AJ, Vilalta V, Ojeda S, Veiga Fernández G, Córdoba Soriano JG, Cepas P, Sandín Rollán M, Ríos XF, Palma-Carbajal R, Martín Reyes R, Romaguera R, Avanzas P, Franco-Peláez JA, Martín Moreiras J, Gonzalez Juanatey JR, Tirado G, Calle G, Díez JL, Santos-Martínez S, Domínguez Erquicia P, García EM, Fernandez-Nofrerias E, López País J, Gonzalo N, Barri AG, Asmarats L, López Pérez M, Domínguez Rodríguez LM, Cobo M, González Bermúdez I, García Álvarez A, García Pavía P, Fuster V, Ibáñez B, Raposeiras-Roubín S. *Effect of Dapagliflozin on Quality of Life of Patients With Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation.* J Am Coll Cardiol. 2025 Oct 14;86(15):1128-1138. doi: 10.1016/j.jacc.2025.07.051.PMID: 41062227 Clinical Trial.
1601. Naghavi M, Wong ND, McConnell MV, Maron DJ, Nasir K, Henschke CI, Yankelevitz DF, A Fayad Z, Vliegenthart R, Williams KA Sr, Mehran R, Budoff M, Berman D, Rana JS, Shah PK, Kloner RA, Narula J, Greenland P, Fuster V. *Coronary Artery Calcium (CAC) Imaging as a Diagnostic Test: Insurance Coverage Implications.* JACC Cardiovasc Imaging. 2026 Feb;19(2):266-273. doi: 10.1016/j.jcmg.2025.10.020. Epub 2025 Dec 11.PMID: 41379038 Review.
1602. Clemente-Moragón A, Suárez-Barrientos A, Gómez Tech M, López-Palomar Tech LP, Callejas Alejano S, Martínez F, Fernández FJ, Vega MC, Tech AP, Dopazo A, Sánchez-Cabo F, Fuster

V, Oliver E, Ibáñez B. *Pharmacogenomics and chronotherapy of drug-induced cardioprotection in acute myocardial infarction.* Nat Commun. 2025 Nov 25;16(1):10450. doi: 10.1038/s41467-025-65385-9.PMID: 41290608 Free PMC article. Clinical Trial.

1603. Fujimoto D, Fuster V, Jang IK. *The sequence of changes in intravascular imaging findings during lipid-lowering therapy and its implication.*Nat Cardiovasc Res. 2025 Jun;4(6):661-676. doi: 10.1038/s44161-025-00664-8. Epub 2025 Jun 11.PMID: 40500393 Review.

1604. Rossello X, Sánchez PL, Owen R, Raposeiras-Roubín S, Poletti F, Barrabés JA, Anguita M, Dominguez-Rodriguez A, Lombardi M, Pocock S, Díez-Villanueva P, Vives-Borrás M, Rollán MJ, D'Orazio S, Escalera N, Isabel-Santos A, Chiampan A, de Diego O, López-Benito M, Moreno E, Rincón-Díaz LM, París H, Latini R, Fuster V, Ibanez B. *Effect of beta blocker withholding or withdrawal after myocardial infarction without reduced ejection fraction on ischaemic events: a post hoc analysis from the REBOOT trial.* EuroIntervention. 2025 Dec 1;21(23):e1434-e1444. doi: 10.4244/EIJ-D-25-00826.PMID: 40887991 Free article. Clinical Trial.

1605. Rossello X, Gonzalez-Manzanares R, Amat-Santos I, Peral Disdier V, Nieto Roca L, López Otero D, Nombela Franco L, Gheorge L, Sanz-Sánchez J, Gómez Herrero J, González Ferreiro R, Muñoz García AJ, Vilalta V, Ojeda S, Vei-Ga Fernández G, Córdoba Soriano JG, Regueiro A, Sandín Rollán M, Flores Ríos X, Uribarri A, Martín Reyes R, Romaguera R, Avanzas P, García Blas S, Franco-Peláez JA, Martín Moreiras J, Ramón González Juanatey J, Tirado G, Calle G, Díez JL, Santos-Martínez SD, Melendo Viu M, Carrillo Suarez X, Sanmartín X, Gonzalo N, Gutiérrez Barrios A, González Bermúdez I, Real C, Fuster V, Ibáñez B, Raposeiras-Roubín S. *Use of the win ratio approach to assess outcomes in the DapaTAVI trial.* Rev Esp Cardiol (Engl Ed). 2026 Mar;79(3):215-225. doi: 10.1016/j.rec.2025.08.003. Epub 2025 Sep 19.PMID: 40976500 Clinical Trial. English, Spanish.

1606. Hesse K, Aung N, Petersen SE, Siripanthong B, Captur G, Yeo KK, Friedrich MG, Jaddoe VWV, Dörr M, Pischon T, Bluemke DA, Ibáñez B, Fuster V, Chahal CAA, Khanji MY. *Systematic Review of International Population Studies With Cardiac Magnetic Resonance and Genomics Research Data ("Imagenomics").* JACC Cardiovasc Imaging. 2026 Feb 20:S1936-878X(26)00050-1. doi: 10.1016/j.jcmg.2026.01.007. Online ahead of print.PMID: 41758108 Free article. Review.
The authors identified 17 relevant biobanks by searching "CMR," "genome" and "population study" on MEDLINE, EMBASE, and Web of Science 2025. Collectively, studies recruited 1 million participants with stored blood samples for extensive genomic analyses, of whom >180,00 …

1607. Johri AM, Hill B, Grubic N, Sirwani B, Fraser M, Hétu MF, Douglas PS, Fuster V, Ibanez B, Bundgaard H, Sillesen H. *The prevalence of carotid subclinical atherosclerosis according to age: A systematic review and meta-analysis of the young to middle-age.* J Clin Lipidol. 2026 Feb;20(2):250-261. doi: 10.1016/j.jacl.2025.10.069. Epub 2025 Nov 1.PMID: 41449009 Free article. Review.

1608. Rossello X, Dominguez-Rodriguez A, Latini R, Sánchez PL, Raposeiras-Roubín S, Anguita M, Barrabés JA, Grigis G, Owen R, Pocock S, Gómez-Talavera S, García-Lunar I, Escalera N, Pérez-García CN, Di Fusco SA, Pizarro G, López Benito M, Pongetti G, Rincón-Díaz LM, Buera I, Rozado J, García MJ, Prada-Delgado O, Cosmi D, Fuster V, Ibanez B. *Beta-blockers after myocardial infarction: effects according to sex in the REBOOT trial.* Eur Heart J. 2026 Feb 11;47(6):701-715. doi: 10.1093/eurheartj/ehaf673.PMID: 40884211 Clinical Trial.

1609. Sivalokanathan S, Kapadia SJ, Robson P, Fayad Z, Jacobi A, Lala A, Pinney S, Fuster V, Trivieri MG. *Sarcoidosis Masquerading as Hypertrophic Cardiomyopathy.* JACC Case Rep. 2026 Feb 25;31(8):106609. doi: 10.1016/j.jaccas.2025.106609. Epub 2026 Jan

21.PMID: 41563208 Free PMC article.

1610. Galán-Arriola C, Pérez-Camargo D, Jorge I, Bautista V, Ayaon-Albarrán A, Pérez-Martínez C, de Molina-Iracheta A, Cádiz L, Medina-Hernández D, Caballero-Henares C, Lopez-Martín GJ, Vázquez J, Ochala J, Fuster V, Sánchez-González J, Ibáñez B. *Anthracycline cardiotoxicity: role of metabolic vulnerability induced by cardiac pressure overload.* Eur Heart J. 2026 Jan 13:ehaf1060. doi: 10.1093/eurheartj/ehaf1060. Online ahead of print.PMID: 41528064

1611. Fuster V, Haro D, Òrrit X, Elosua R, Santos-Beneit G, Fernández-Jiménez R, Badia A, Bodega P, Carral V, de Cos-Gandoy A, de Migue M, Montilla N, Rodriguez C, Carvajal I, Peyra C, Herrera-Marín N, Camps-Vilaró A, Marrugat J. *Early Response to a Behavioral Community-Based Educational Intervention on Cardiovascular Risk Profile and Well-Being.* JACC Adv. 2026 Feb 24;5(3):102597. doi: 10.1016/j.jacadv.2026.102597. Online ahead of print.PMID: 41740243 Free PMC article.

1612. Santos-Gallego CG, Requena-Ibáñez JA, Picatoste B, Fardman B, Ishikawa K, Mazurek R, Pieper M, Sartori S, Rodriguez-Capitán J, Fuster V, Badimon JJ. *Correction to: "Cardioprotective Effect of Empagliflozin and Circulating Ketone Bodies During Acute Myocardial Infarction".* Circ Cardiovasc Imaging. 2026 Jan;19(1):e000090. doi: 10.1161/HCI.0000000000000090. Epub 2026 Jan 20.PMID: 41557777 Free article. No abstract available.

1613. Rossello X, Barrabés JA, Piepoli M, Dominguez-Rodriguez A, Sánchez PL, Anguita M, Raposeiras-Roubín S, Grigis G, Agüero J, Owen R, Pocock S, Pérez-García CN, Escalera N, Kallmeyer A, Sionis A, Staszewsky L, Torres A, Barquero R, Fernández-Vazquez F, Marín F, Vetrano A, Pastor P, Fuster V, Latini R, Ibanez B. *Effect of beta blockers in acute and chronic coronary syndromes without reduced ejection fraction: a landmark analysis from the REBOOT trial.* Eur Heart J Cardiovasc Pharmacother. 2026 Feb 27;12(2):64-74. doi: 10.1093/ehjcvp/pvag002.PMID: 41564893 Free PMC article. Clinical Trial.

Books-Editor

1. **Fuster V**, ed. *Diseases of the Heart (Enfermedades de Corazon)*. En el libro: *Medicina Interna Pro Farreras-Rozman*, 7a Edicion Edit Marin, Barcelona, 1972;250-402;1978 (9th edition);1982 (11th Edition).
2. Brandenburg RO, **Fuster V**, Giuliani ER, McGoon DC, eds. Cardiology: *Fundamentals and Practice*.). St. Louis, MO: Year Book Medical Publishers; 1987;1991(2nd edition)
3. **Fuster V**, Verstraete M, eds. *Thrombosis in Cardiovascular Disorders*. Philadelphia, PA: W.B. Saunders Company; 1992:1-565.
4. **Fuster V**, Ross R, Topol EJ, eds. *Atherosclerosis and Coronary Artery Disease*. Philadelphia, PA: Lippincott-Raven; 1996:1285-1297.
5. **Fuster V**, ed. *Syndromes of Atherosclerosis. Correlations of Clinical Imaging and Pathology*. Armonk, NY: Futura Publishing; 1996:1-558.
6. **Fuster V**, ed. *The Vulnerable Atherosclerotic Plaque: Understanding,Identification and Modification*. Armonk, NY: Futura Publishing Company, Inc.; 1998.
7. Verstraete M, **Fuster V**, Topol EJ, eds. *Cardiovascular Thrombosis*. Philadelphia, PA: Lippincott-Raven; 1998:1-871.
8. Nash IS, **Fuster V**, eds. *Efficacy of Myocardial Infarction Therapy-An Evaluation of Clinical Trials Evidence*. New York: Marcel Dekker; 1999:1-493.
9. **Fuster V**, Alexander RW, O'Rourke R, eds. *Hurst's the Heart*. 10th Edition. New York:

McGraw Hill; 2001:1-2567.

10. **Fuster V** , ed., *Assessing and Modifying the Vulnerable Atherosclerotic Plaque*. Armonk, NY: Futura Publishing Company, Inc.; 2002:1-379.
11. Gresele P, Page C,i **Fuster V**, Vermylen J. *Platelets in Thrombotic and Non-Thrombotic Disorders.* United Kingdom: Cambridge University Press; 2002.
12. Kukin M, **Fuster V**., eds. *Oxidaative Stress and Cardiac Failure.* Armonk, New York: Futura Publishing Company, Inc.;2003:1-291.
13. Lardo A.C., Fayad Z.A., **Fuster V**., Chronos N.A. *Cardiovascular Magnetic Resonance: Established and Emerging Applications*. London: Martin Dunitz; 2003.
14. **Fuster V**, Topol E, Nabel, E, eds. *Atherothrombosis and Coronary Artery Disease.* 2nd Edition Philadelphia, PA: Lippincott-Raven; 2004.
15. **Fuster V**, Alexander RW, O'Rourke R, eds. *Hurst's the Heart*. 11th Edition. New York: McGraw Hill; 2004.
16. Viles-Gonzalez J, Badimon J, **Fuster V**. Pathogenesis of Atherosclerosis (chapter 3). *Antioxidants and Cardiovascular Disease*. 2nd Edition, Montreal Canada. Springer 2006.
17. **Fuster V**. *La Ciencia de la Salud*. Planeta Ed. 2006, Spain (Best Seller for 9 months), 2009 (English version) Harper Collins Ed, New York
18. **Fuster V**. et al, *Hurst's the Heart* 12th Edition, 2007, The McGraw-Hill companies, Inc.
19. Gresele et al. *Platelets in Hematologic and Cardiovascular Disorders* Hematology 3rd Edition. 2007
20. **Fuster V**, Sampedro JL. *La Ciencia y la Vida.* Plaza Janes Ed. 2008, Spain
21. **Fuster V**, Rojas Marcos L, *Corazon y Mente.* Planeta Espasa Ed, 2008, Spain
22. **Fuster V**, ed., *The AHA Guidelines and Scientific Statements Handbook.* Wiley-Blackwell Ed, 2009, London
23. Vilacosta I, San Roman JA, **Fuster V**. *Insuficiencia Cardiaca*. Menarini, 2010, Spain
24. **Fuster V**. Corbella, J. The Heart Manual, HarperCollins, 2010, New York
25. **Fuster V.** et al, *Promoting Cardiovascular Health in the Developing World (a Critical Challenge to Achieve Global Health),* Institute of Medicine of the National Academies, The National Academies Press, 2010, Washington, D.C.
26. **Fuster V**. et al, *Hurst's the Heart* 12th Edition, 2011, The McGraw-Hill companies, Inc., New York
27. **Fuster V.** Emma Reverter El Circulo de la Motivacion. Planeta Ed. 2013, Spain
28. **Fuster V.** Corbella J. *La Ciencia de la Larga Vida*. Planeta 2016, Spain
29. **Fuster V.** et al, *Hurst's the Heart* 13th Edition, 2011, Vol. 1, The McGraw-Hill companies, Inc.
30. **Fuster V.** et al, *Hurst's the Heart* 13th Edition, 2011, Vol. 2, The McGraw-Hill companies, Inc.
31. **Fuster V.** et al, *La Ciencia de la Larga Vida*, 2016, Spain
32. **Fuster V**. et al, *Hurst's the Heart* 14th Edition, 2017, Vol. 1, The McGraw-Hill companies, Inc.
33. **Fuster V**. et al, *Hurst's the Heart* 14th Edition, 2017, Vol. 2, The McGraw-Hill companies, Inc.
34. **Fuster V**. et al, Fuster & *Hurst's the Heart 15*th Edition, 2022, Vol. 1, The McGraw-Hill companies, Inc.
35. **Fuster V**. et al, Fuster & *Hurst's the Heart 16*th Edition, 2026, Vol. 1, The McGraw-Hill companies, Inc. (in press).
36. **Fuster V,** Rojas Marcos L, *Corazon y Mente.* Planeta Espasa Ed, 2017, Spain
37. **Fuster V.** et al, *Global Health and the Future Role of the United States,* Consensus Study Report, The National Academies of Sciences, Engineering, Medicine, The National Academies Press, 2017, Washington, D.C.
38. **Fuster V.** et al, *La Ciencia y La Vida, 2018,* Spain
39. **Fuster V.** et al, *The Science of a Long Life*, 2018, USA

40. **Fuster V.** *Siempre Adelante*, 2025, Spain
41. **Fuster V**. *Moving on*, 2026 (in press), USA