



INTERNATIONAL  
ACADEMY OF  
CARDIOLOGY

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ANNUAL SCIENTIFIC SESSIONS 2016  
21st WORLD CONGRESS ON  
**HEART DISEASE**

BOSTON, MA, USA, JULY 30-AUGUST 1, 2016

**PRELIMINARY LIST OF SCIENTIFIC PRESENTATIONS**

*Arranged in alphabetical order as at April 24, 2016*

30-Day All-Cause Hospital Readmission in Heart Failure: Findings from Propensity Score Matched Studies

**Ali Ahmed**, The Washington DC VA Medical Center, MD, USA

Role of Microvesicles in Cardiovascular Calcification

**Elena Aikawa**, Brigham and Women's Hospital, Boston, MA, USA

Montreal Cognitive Assessment is Superior to Standardized Mini-Mental Status Exam in Detecting Mild Cognitive Impairment in Heart Failure

**Kannayiram Alagiakrishnan**, University of Alberta, Edmonton, Alberta, Canada

Anti-thrombotic Therapy for Atrial Fibrillation in Patients with Chronic Kidney Disease: Current Views

**Martin A. Alpert**, University of Missouri-Columbia School of Medicine, MO, USA

Nitric Oxide, Gi Proteins and Regulation of Blood Pressure

**Madhu B. Anand-Srivastava**, University of Montreal, Montreal, Quebec, Canada

Clinical Understanding of Inflammation, Inducing Thrombogenesis, Respiratory Impairment, Myocardial Cell Apoptosis and Remodelling, Anaemia and Renal Dysfunction in Patients with Pulmonary and Coincident Cardiac Dyspnea.

**Nestor Angomachalelis**, Aristotle University of Thessaloniki, Thessaloniki, Macedonia, Greece

Present and Future of the Total Artificial Heart

**Francisco Arabia**, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

2016 Update on Treatment of Hypertension

**Wilbert S. Aronow**, New York Medical College, Valhalla, NY, USA

Towards Personalized Medicine for Vascular Risk Reduction: The Right Drug at the Right Dose at the Right Time

**Diana E. Ayala**, University of Vigo, Vigo, Spain

Statin Intolerance - Novel Biomarkers, Mechanisms, Definition, and Effective Management. A Way To Improve Therapy Adherence and Avoid Statin Discontinuation?

**Maciej Banach**, MUL, Lodz, Poland

How to Diagnose a Brugada Ecg Pattern?

**Adrian Baranchuk**, Queen's University, Kingston, Ontario, Canada

Delirium in the ICU: More Than a Nuisance

**Gregory Barsness**, Mayo Clinic, Rochester, MN, USA

Acellular biologics for cardiac regeneration

**Atta Behfar**, Mayo Clinic, Rochester, MN, USA

CT and PET Assessment of Coronary Flow Reserve  
**Daniel S. Berman**, Cedars Sinai Medical Center, Los Angeles, CA, USA

Controversies in Antiplatelet and Anticoagulant Therapy  
**Deepak L. Bhatt**, Brigham and Women's Hospital Heart & Vascular Center, Harvard Medical School, Boston, MA, USA

Plaque Lymphangiogenesis: To Drain or Not To Drain  
**Erik A.L. Biessen**, Maastricht University Medical Center, Maastricht, The Netherlands

Ticagrelor and Statin Have Synergistic Effects on Myocardial Protection against Ischemia-Reperfusion Injury  
**Yochai Birnbaum**, Baylor College of Medicine, Houston, TX, USA

Selecting Between Coronary CTA versus Functional Testing: Does it make a difference?  
**Ron Blankstein**, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

Cardiovascular Magnetic Resonance for Diagnosis, Risk Stratification and Decision Making after ST Segment Elevation Myocardial Infarction  
**Vicente Bodi**, Hospital Clinico Universitario, University of Valencia, Valencia, Spain

Valvular Heart Diseases: Natural History and Outcomes in the Current Era  
**Jeffrey S. Borer**, State University of New York Downstate Medical Center, New York, NY, USA

Pulmonary Arterial Hypertension: Expanding Effective Therapeutic Options  
**Robert C. Bourge**, University of Alabama at Birmingham, Birmingham, AL, USA

The War on Heart Failure  
**Eugene Braunwald**, Brigham and Women's Hospital, Boston, MA, USA

The 2016 Best Tool for Peripheral Vascular Intervention  
**Samuel M. Butman**, Heart and Vascular Institute of Northern Arizona, Cottonwood, AZ, USA

Netrin-1 as a Novel Cardioprotective Agent  
**Hua Linda Cai**, David Geffen School of Medicine, University of California Los Angeles, CA, USA

Prevention of Sudden Cardiac Death: Challenges and Opportunities  
**Michael E. Cain**, University at Buffalo, Buffalo, NY, USA

Echocardiographic Quantitation of Aortic Regurgitation  
**Hari P. Chaliki**, Mayo Clinic College of Medicine, Mayo Clinic, Scottsdale, AZ, USA

Exercise Related Hypertension May not be a Benign Phenomenon  
**Yzhar Charuzi**, UCLA School of Medicine, Cedars Sinai Medical Center; Los Angeles, CA, USA

Prevention and Interference of Atherosclerotic Heart Disease in Multiple Animal Models  
**Subroto Chatterjee**, Johns Hopkins University, School of Medicine, Baltimore, MD, USA

Oxidative Stress and Endothelial Dysfunction  
**Changyi (Johnny) Chen**, Baylor College of Medicine, Houston, TX, USA

Adar1-Mediated Rna Editing, A Novel Mechanism Controlling Vascular Smooth Muscle Phenotypic Modulation  
**Shi-You Chen**, University of Georgia, Athens, GA, USA

Novel Regulation of Vascular Calcification  
**Yabing Chen**, The University of Alabama at Birmingham, AL, USA

Modulating Lung Inflammation as an Important Therapeutic Approach for Treating End-Stage Heart Failure  
**Yingjie Chen**, University of Minnesota, Minneapolis, MN, USA

Biomarkers of the Future: Metabolomic Predictors of Cardiometabolic Disease  
**Susan Cheng**, Brigham and Women's Hospital, Boston, MA, USA

Holistic Heart Health: Increasing interest, Scope & Significance  
**Anand Chockalingam**, University of Missouri – Columbia, Columbia, MO, USA

Hemodynamic Adaptation to Exercise in Hypertrophic Cardiomyopathy  
**Quirino Ciampi**, Fatebenefratelli Hospital, Benevento, Italy

Risk Stratification and Therapy of Arrhythmogenic Cardiomyopathy  
**Domenico Corrado**, University of Padua Medical School, Padova, Italy

Improvement in Clinical Outcomes with Biventricular versus Right Ventricular Pacing in Patients with Atrioventricular Block: An Analysis from the BLOCK HF Study  
**Anne B. Curtis**, University at Buffalo, Buffalo, NY, USA

Myocardial Recovery during Ventricular Unloading In Patients with Chronic Cardiomyopathy: Assessment of Cardiac Improvement and Weaning from Ventricular Assist Devices  
**Michael Dandel**, Deutsches Herzzentrum Berlin, Germany

Asymptomatic Acute Complications of Atrial Fibrillation Ablation Using Irrigated Radiofrequency Technology  
**Thomas Deneke**, Chefarzt Klinik für interventionelle Elektrophysiologie, Bad Neustadt, Germany

Short and Long Noncoding RNAs as Biomarkers of Acute Cardiac Conditions  
**Yvan Devaux**, Luxembourg Institute of Health, Luxembourg

Pathogenesis and Therapy of Diabetic Cardiomyopathy  
**Naranjan S. Dhalla**, St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, Manitoba, Canada

Raising Ion Channel Currents to Prevent Arrhythmias  
**Samuel C. Dudley**, The Warren Alpert Medical School of Brown University, Providence, RI, USA

Whole Exome Sequence for Thoracic Aortic Aneurysms  
**John A. Eleftheriades**, Yale University School of Medicine, New Haven, CT, USA

Cardiac imaging for evaluation of coronary artery disease in patients with hypertension  
**Abdou Elhendy**, Marshfield Clinic, Marshfield, WI, USA

High-Sensitivity Assay for Cardiac Troponin: Novel Tools For Risk Prediction In Ambulatory Patients  
**Brendan M. Everett**, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

Cardiomyocyte-Derived Exosomes in Diabetes  
**(Fan) Guo-Chang Fan**, University of Cincinnati, Cincinnati, OH, USA

Microvascular Disease and Heart Failure: The Next Frontier  
**Michael Farkouh**, Toronto General Hospital, Toronto, Ontario, Canada

MicroRNA Regulation of Endothelial Inflammation and Atherosclerosis  
**Mark W. Feinberg**, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

CpG DNA Regulation of Coagulation: Implications for Acute Coronary Artery Disease  
**Janos G. Filep**, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

Hypertension update: *Quo Vadimus?*  
**Zorina Galis**, National Heart, Lung, and Blood Institute, Bethesda, MD, USA

Myocardial Insulin Signaling in Ischemic Heart Failure  
**Feng Gao**, The Fourth Military Medical University, Xi'an, China

Computed Tomography Angiography: A 3D Vessel Feature Comparison and Validation  
**Joel A. Garcia**, Orlando Health -Mid-Florida Cardiology, Orlando, FL, USA

Role of Echocardiography in Epidemiologic Studies and Clinical Trials: An Historical Perspective  
**Julius M. Gardin**, Hackensack University Medical Center, Hackensack, NJ, USA

Thyroid Hormone Treatment of Heart Failure: Is There a Therapeutic Window?  
**A. Martin Gerdes**, New York Institute of Technology, Old Westbury, NY, USA

The Central Role of Smooth Muscle Cell Mitochondria in the Prevention of Abdominal Aortic Aneurysm by Low Level Laser Therapy  
**S. David Gertz**, The Hebrew University of Jerusalem, Jerusalem, Israel

The Case for a Pacemaker with ATP Using No Shocks to Treat Those at Risk for Sudden Cardiac Death  
**J. Rod Gimbel**, Cleveland Heights, OH, USA

What Is The Progress With Treatments For Small Abdominal Aortic Aneurysms?  
**Jonathan Golledge**, James Cook University, School of Medicine Townsville, Queensland, Australia

Sirtuins as Regulators of Mitochondrial Fitness and Development of Heart Failure  
**Mahesh Gupta**, University of Chicago, IL, USA

Differences in Meta-Analyses Results in Cardiac Cell-Based Regenerative Therapies  
**Mariann Gyöngyösi**, Univ. Klinik für Innere Medizin II, Vienna, Austria

Metformin Enhances T0901317-Reduced Atherosclerosis and Inhibits T0901317-Induced Hypertriglyceridemia-  
-A New Strategy for Atherosclerosis Treatment  
**Jihong Han**, Nankai University, China

Statins in the Treatment and Prevention of Cardiovascular Diseases: Current and Emerging Clinical and Public Health Challenges  
**Charles H. Hennekens**, Florida Atlantic University, Boca Raton, FL, USA

Clinical Implications of Current Recommendations of ABPM as Requirement for Diagnosis of Hypertension  
**Ramon C. Hermida**, E.T.S.I. Telecomunicacion, Campus Universitario, Vigo, Spain

Development of Mechanical Assist Devices for Infants, Children and Adolescents  
**Roland Hetzer**, German Heart Institute, Berlin, Germany

Impact of Exercise Capacity for Right and Left Heart Failure  
**Akihiro Hirashiki**, Nagoya University Graduate School of Medicine, Nagoya, Japan

Role of CD4+ T-Cells after Myocardial Infarction  
**Ulrich Hofmann**, Klinik für Innere Medizin III, Universitätsklinikum Halle, Halle, Germany

Atrial Functional Mitral Regurgitation: The Left Atrium Gets Its Due Respect  
**Brian D. Hoit**, University Hospitals Case Medical Center, Cleveland, Ohio, USA

Initial Stages of Obesity are Associated with Increased Cardiovascular Activation under Stress  
**Daniela Jezova**, Slovak Academy of Sciences, Bratislava, Slovakia

Macrophage Deposition of Cholesterol into the Extracellular Space – A Novel Pathway for Reverse Cholesterol Transport  
**Xueting (Tina) Jin**, Laboratory of Experimental Atherosclerosis, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, Maryland, USA

Molecular mechanisms of vascular dysfunction and atherosclerosis regulated by hemodynamics forces  
**Zheng-Gen Jin**, University of Rochester School of Medicine and Dentistry, Rochester, NY, USA

The Benefits and Risks of Left Ventricular Assist Device Implantation: Where is the Point of Clinical Equipoise?

**Maryl R. Johnson**, University of Wisconsin-Madison, Madison, WI, USA

Aging and Heart Failure 2016. Update

**Bodh I. Jugdutt**, Mazankowski Alberta Heart Institute, University of Alberta and Hospitals, Edmonton, Alberta, Canada

Transition to Stage D Heart Failure among Stable Outpatients with Systolic Heart Failure: Rates and Risk Factors

**Andreas Kalogeropoulos**, Emory University School of Medicine, Atlanta, GA, USA

Transcatheter Interventions

**Edo Kaluski**, Guthrie Health Services, Rutgers New Jersey Medical School, Sayre, PA, USA

The Role of Echocardiography in the Management of Patients Undergoing Ventricular Assist Device Implantation and/or Transplant Surgery

**Tomoko S. Kato**, Juntendo University School of Medicine, Bunkyo-ku, Tokyo, Japan

Treating Fluid Overload with Fluid; Role of Peritoneal Dialysis in Management of Heart Failure

**Amir Kazory**, University of Florida, Gainesville, FL, USA

The Use of Point Of Care Ultrasound to Guide Management in Heart Failure

**Ilan Kedan**, Cedars Sinai Heart Institute, Beverly Hills, CA, USA

Education and Mortality: Is a College Degree Universally Protective?

**Arthur L. Klatsky**, Kaiser Permanente Medical Center, Oakland, CA, USA

Looking into High-Risk Plaque and DES Biology: High-speed Integrated Intravascular OCT-NIRF Imaging

**Jin Won Kim**, Korea University Medical School, Seoul, Republic of Korea

Doxorubicin Provokes Maladaptive Autophagy and Necrotic Cell Death of Cardiac Myocytes by Disrupting Mitochondrial Respiration Chain Complex IV

**Lorrie A. Kirshenbaum**, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, MB, Canada

Effect of Endothelial Cell Senescence on the Heat Shock Response And Cellular Function

**Anne A. Knowlton**, University of California, Davis, CA, USA

Extracellular Matrix Turnover in Cardiovascular Disease

**Wei Kong**, Peking University Health Science Center, Beijing, China

Risk Stratification for Coronary Artery Disease: Does One Size Fit All?

**Stephen L. Kopecky**, Mayo Clinic, Rochester, MN, USA

Observations and maneuvers for differentiation of SVT

**Bruce A. Koplan**, Brigham and Women's Hospital, Boston, MA, USA

Does Cystatin SN Influence on Cystatin C Level In Ischemia And Previous Myocardial Infarction?

**T.A. Korolenko**, Scientific Research Institute of Physiology and Fundamental Medicine, Novosibirsk, Russia

Sirtuins as Regulators of Mitochondrial Fitness and Evolution of Heart Failure

**Santhosh K.G. Koshy**, University of Tennessee Health Sciences Center, Memphis, TN, USA

PDE5 Inhibition and Protection of Diabetic Heart

**Rakesh C. Kukreja**, Pauley Heart Center, Richmond, VA, USA

Drug Eluting Balloons in Coronary and Peripheral Interventions

**Adarsh Kumar**, Govt Medical College, Amritsar, India

Transcatheter Mitral Valve Therapies

**Roger Laham**, BIDMC/Harvard Medical School, Boston, MA, USA

Update on Exercise Recommendations in Arrhythmogenic Heart Diseases (LQTS, etc)

**Martin LaPage**, University of Michigan, Ann Arbor, MI, USA

The Role of CVD Risk Assessment in COPD

**Hwa Mu Lee**, University of California at Irvine, CA, USA

Imaging For Percutaneous Repair of Mitral Regurgitation

**Stamatios Lerakis**, Emory University School of Medicine, Emory Healthcare, Atlanta, GA, USA

Deciphering the Role of Mitophagy in the Heart during Fasting

**Qiangrong Liang**, New York Institute of Technology, Old Westbury, NY, USA

Finding Novel Anti-Fibrotic Therapies Using a Dual-Reporter Mouse That Tracks Fibroblast Cell Transitions in vivo and in vitro

**Carlin S. Long**, University of Colorado Health Sciences Center, Denver Health Medical Center, Denver, CO, USA

Avoiding and Solving Complications during Percutaneous Closure of ASD

**Avraham Lorber**, Rappaport Faculty of Medicine – Technion, Haifa, Israel

FFR for the Assessment of Multi Vessel Coronary Artery Disease

**Amir S Lotfi**, Tufts University School of Medicine, Baystate Medical Center, Springfield, MA, USA

Glycosaminoglycans in Vascular Disease; Searching for the Sweet Spot

**Alexandra R. Lucas**, University of Florida, Gainesville, FL, USA

Current Update on Influenza and Cardiovascular Disease

**Mohammad Madjid**, Texas Heart Institute, Houston, TX, USA

Optimizing Evaluation of Patients with Low to Intermediate Risk Acute Chest Pain: What is the Relative Values of Stress Myocardial Perfusion Imaging when Incorporating Stress-Only Imaging versus Cardiac Computed Tomography

**John J. Mahmarian**, Houston Methodist DeBakey Cardiology Associates, Houston, TX, USA

Translating Vascular Biology into Clinical Care for Cardiology

**Kenneth Maiese**, Rutgers University of Medicine & Dentistry of New Jersey, Newark, NJ, USA

Integrative Medicine Approaches to Preventing Heart Disease

**Shaista Malik**, University of California, Irvine, Orange, CA, USA

A Nanomedical Approach to the Restoration of Dysfunctional Endothelium and the Function of the Cardiovascular System

**Tadeusz Malinski**, Ohio University, Nanomedical Research Laboratory, OH, USA

'Larks' and 'Owls', Gender, and Cardiovascular Health

**Roberto Manfredini**, University of Ferrara, Italy

Clinical Genetics of Cardiomyopathies- Testing Wisely

**James D. Marsh**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

New Molecular Targets of VEGF Signaling in Cardiovascular Disease

**Nilanjana Maulik**, University of Connecticut Health, Farmington, CT, USA

What Happens to the Brain after Myocardial Infarction?

**Jawahar L. Mehta**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Options for Remote Patient Monitoring in the LVAD Population - Emerging Mobile Health Technologies  
**Dan M. Meyer**, University of Texas Southwestern Med Center at Dallas, Dallas, TX, USA

New Advances in Stem Cell and Gene Therapy for CV Disease  
**Leslie W. Miller**, Okyanos Stem Cell Institute, Tampa, FL, USA

Novel Methods of Ischemia Evaluation by Computed Tomography  
**James K. Min**, New York Presbyterian Hospital, New York, NY, USA

Role of the Sympathetic and Autonomic Innervation in Heart Failure – Can we Intervene for Beneficial Outcomes?  
**Freny V. Mody**, VA Greater Los Angeles HCS, David Geffen School of Med at UCLA, LA, CA, USA

Secondary Prevention of Cardiovascular Events  
**Samia Mora**, Brigham and Women's Hospital, Boston, MA, USA

Real World Experience in Telemedicine  
**Alexander Morss**, Harbor Medical Associates, Boston, MA, USA

Update on Contrast Removal from Coronary Sinus during Coronary Angiography or Intervention for Prevention of Contrast Induced Nephropathy  
**M. Reza Movahed**, University of Arizona, The Southern Arizona VA Health Care System, Tuscon, AZ, USA

Echocardiographic Assessment of Left Ventricular Diastolic Function: An Update  
**Sherif F. Nagueh**, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

Can Growth and Differentiation Factor 15 be used as a Biomarker in Dilated Cardiomyopathy?  
**Nandini Nair**, Texas Tech Health Sciences Center, Lubbock, TX, USA

Role of CAC Testing in 2016: Shared Decision Making For Informed Choices  
**Khurram Nasir**, Baptist Health South Florida, Miami FL, USA

Atherogenic Diet Affects Cardiovascular Function through Intestinal Microbiome and Systemic Inflammation  
**Mohamad Navab**, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

Advanced Heart Failure Therapies in Patients with Cancer-Related Cardiomyopathy  
**Guilherme Oliveira**, University Hospitals Case Medical Center, Case Western Reserve University, Cleveland, Ohio, USA

Effectiveness of Remote Patient Monitoring after Discharge of Hospitalized Patients with Heart Failure: The Better Effectiveness after Transition-Heart Failure (Beat-HF) Randomized Clinical Trial  
**Michael K. Ong**, David Geffen School of Medicine at the UCLA, Los Angeles, CA, USA

Measuring Cardiovascular Risk through Risk Models; Cost-Benefit, Challenges and Opportunities  
**Demosthenes Panagiotakos**, Harokopio University, Athens, Greece

Genetic Basis of Cardiac Dysfunction: Protective Role Of All-Trans Retinoic Acid And Histone Deacetylase Inhibitor  
**Kailash N. Pandey**, Tulane University School of Medicine, New Orleans, LA, USA

Role of NLRP3 Inflammasome in Diet-Induced Exacerbation of Myocardial Injury”  
**Pasquale Pagliaro**, University of Torino, Italy

Innovative P-Wave Detection for Discrimination between Ventricular and Supraventricular Tachycardia in Single-Chamber ICDS: Is the P-Wave Invisible during Tachycardia?  
**Hakan Paydak**, UAMS, Little Rock, AR, USA

Low Gradient Severe Aortic Stenosis  
**Patricia A. Pellikka**, Mayo Medical School, Rochester, MN, USA

Mitral Intervention in CABG Patients: Is Less Ever More?

**Louis P. Perrault**, Montreal Heart Institute, East, Montreal, QC, Canada

Myocardial Deformation Imaging for Early Detection of Cardiotoxicity

**Cristina Pislaru**, Mayo Clinic, Rochester MN, USA

Follow-Up Assessment of Transcatheter Valves: What to Look For

**Sorin Pislaru**, Mayo Clinic College of Medicine, Rochester, MN, USA

Positive Result of Stress Echocardiography and Normal Coronary Arteries: How Often and Why?

**Maria Prokudina**, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

Risk Factors for Non-Platelet Thromboxane Generation

**Jeffrey J. Rade**, UMASS Medical School, Worcester, MA, USA

Valve Prosthesis - Patient Mismatch

**Shahbudin H. Rahimtoola**, University of Southern California, Los Angeles, CA, USA

Osteogenic Differentiation is a Mechanism for Bioprosthetic Valve Calcification

**Nalini Rajamannan**, Mayo Clinic, Rochester, MN, USA

Prevention of LV Diastolic Dysfunction and Atriomegaly in the Elderly

**Hanumanth K. Reddy**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

SPRINT and its Aftermath; New Ideas on Hypertension Treatment

**Clive Rosendorff**, Icahn School of Medicine at Mount Sinai, New York, NY, USA

The Highly Difficult Lipoprotein: Controversies and New Directions

**Robert S. Rosenson**, Mount Sinai Icahn School of Medicine, Mount Sinai Hospital, New York, NY, USA

Potential Use of the Nonionic Block Copolymer, Vepoloxamer (P-188), for the Treatment of Advanced Heart Failure

**Hani N. Sabbah**, Henry Ford Heart & Vascular Institute, Detroit, MI, USA

Evidence for Benefits for Chronic Total Occlusion Interventions In 2016

**Rajesh Sachdeva**, Atlanta, GA, USA

Transcatheter Closure of ASD with Pulmonary Hypertension

**Masood Sadiq**, The Children's Hospital/ Institute of Child Health, Lahore. Pakistan

CXCR6/CXCL16 Axis is involved in Mononuclear Cell Adhesion Induced by Angiotensin II, Potential Implication in Abdominal Aortic Aneurysm (AAA) Formation?

**Maria J. Sanz**, Universidad de Valencia, Spain

Cardiovascular Effects of Carfilzomib, a New Proteasome Inhibitor, on Coronary Resistencies, Vascular Tone and Vascular Reactivity

**Tiziano Scarabelli**, The University of Alabama at Birmingham, Birmingham, AL, USA

Myocardial Blood Flow Measurements in Clinical Routine for CAD Detection and Characterization

**Thomas H. Schindler**, Johns Hopkins University, Baltimore, MD, USA

Complications after Radiofrequency Ablation of Atrial Fibrillation: Atrial-Esophageal and Pericardioesophageal Fistulasa

**Karlheinz Seidl**, Klinikum-Ingolstadt, Germany

Evolving Role of Stem Cell Therapy in Coronary Artery Disease

**Rakesh K. Sharma**, University of Arkansas Medical Science, AR, USA

Asthma as a Risk Factor of Human and Experimental Abdominal Aortic Aneurysm

**Guo-Ping Shi**, Brigham and Women's Hospital, Boston, MA, USA



Multi-modality Imaging in Cardiomyopathy

**Jamshid Shirani**, St. Luke's Hospital and Health Network, Bethlehem, PA, USA

Cardiorenal Disease: How to Manage Ischemia in patients with Severe CKD?

**Mandeep S. Sidhu**, Albany Medical Center, Albany, NY, USA

Role of Vitamin C in the mitigation of Oxidative Stress and Heart Dysfunction

**Pawan K. Singal**, St. Boniface Hospital Research Centre, Winnipeg, Manitoba, Canada

Increased M2 Macrophages Reduces Pro-Inflammatory Cytokines in Atherosclerosis

**Dinender K. Singla**, University of Central Florida, Orlando, FL, USA

The Most Effective Method to Work Up Patients with Asymptomatic Wolff-Parkinson-White Syndrome

**Christopher Snyder**, UH Rainbow Babies & Children's Hospital, Case Western Reserve University School of Medicine, Cleveland, OH, USA

The Cancer Associated Fibroblast And The Heart Failure Associated Fibroblast- Similar Phenotype, Similar Pathways Leading To Potentially Similar Treatment

**Francis G. Spinale**, USC School of Medicine, Columbia, SC, USA

Junctophilin-mediated Regulation of Cardiomyocyte Structure and Function

**Long-Sheng Song**, University of Iowa Carver College of Medicine, Iowa City, IA, USA

Serum Magnesium and Cardiovascular Mortality in the General US Population

**Yiqing Song**, Indiana University, Indianapolis, IN, USA

Comprehensive Cardiovascular Risk Reduction in Diabetes & Metabolic Syndrome

**Laurence Sperling**, Emory University School of Medicine, Atlanta, GA, USA

Role of Stromal Interaction Molecule-1 in Angiotensin II-Induced Early Growth Response Protein-1 Expression in Vascular Smooth Muscle Cells

**Ashok K. Srivastava**, Centre Hospitalier de l' Université de Montreal, Montreal, QC, Canada

Newer Implantable Devices in Heart Failure

**Komandoor Srivathsan**, Mayo Clinic, Phoenix, AZ, USA

Risk Stratification in Brugada Syndrome: ICD Indication in Patients without History of Cardiac Arrest

**Masahiko Takagi**, Osaka City University Graduate School of Medicine, Osaka, Japan

Impact of Reactive Oxygen Species on Coronary Arterial Remodeling

- A Comparative Intravascular Ultrasound and Histochemical Analysis of Atherosclerotic Lesions

**Mitsuyasu Terashima**, Toyohashi Heart Center, Aichi, Japan

Optimum Treatment of Angina Pectoris Should Take Into Consideration Patients' Circulatory Status and the Presence of Associated Comorbidities In The Year 2016

**Udho Thadani**, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA

Management of Venous Thromboembolism

**Takanobu Tomaru**, Toho University, Sakura Hospital, Japan

SLMAP Gene Therapy for Myocardial Infarction

**Balwant S. Tuana**, University of Ottawa, Ottawa, ON, Canada

Prevention of Acute MI by Aggressive Approach to Treat Unstable Angina

**Yasunori Ueda**, NHO Osaka National Hospital, Osaka, Japan

Percutaneous Treatment of the Coronary Chronic Total Occlusion: Overhyped or Underused?

**Barry F. Uretsky**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Intramyocardial Hemorrhage after Acute Myocardial Infarction; Pathogenesis and Clinical Implications  
**Niels van Royen**, VU University Medical Center, Amsterdam, The Netherlands

Myocyte Apoptosis in Myocardial Infarction and Heart Failure: A Case of the Emperor Has No Clothes  
**Stephen F. Vatner**, Rutgers University, New Jersey Medical School, Newark, NJ, USA

Cocoa Flavanol for Prevention of Diabetes  
**Lu Wang**, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

Genome-Wide Identification and Characterization of Cardiac Hypertrophy-Related Long Noncoding RNAs (CH-LNCRNAs) in Mice  
**Da-Zhi Wang**, Boston Children's Hospital, Harvard Medical School, Boston, MA, USA

Developing and Testing a Home-based Self-help Psychoeducation programme for Patients with Coronary Heart Disease in Singapore  
**Wenru Wang**, National University of Singapore, Singapore

Sex Differences in the Cardiovascular Consequences of Diabetes Mellitus  
**Nanette K. Wenger**, Emory University School of Medicine, Atlanta, GA, USA

Changes in Neutrophil – Mediated Pro-Inflammatory Responses in Heart Failure with Reduced and Preserved Ejection Fraction  
**Michel White**, Universite de Montreal, Montreal Heart Institute, Montreal, Quebec, Canada

Evolution of PCSK9 mAb Therapy for Dyslipidemia  
**Nathan D. Wong**, University of California, Irvine, CA, USA

Whole Heart Regeneration with Human iPS Cell-derived Heart Progenitors  
**Lei Yang**, University of Pittsburgh, Pittsburgh, PA, USA

Dilating Venous Disease: Pathophysiology and a Systematic Aspect to Different Vascular Territories  
**Ertan Yetkin**, International Medical Center, Merzin, Turkey

Intravascular Optical Imaging Technology for Detection of High-Risk Plaque  
**Hongki Yoo**, Hanyang University, Seoul, Republic of Korea

Targeting the Heart Utilizing a Novel Cell Penetrating Peptide  
**Maliha Zahid**, University of Pittsburgh, Pittsburgh, PA, USA

Cardiac Autonomic Nerve Stimulation and Atrial Fibrillation: Effect of in vivo Simultaneous Sympathetic and Vagal Excitation  
**Yuhua Zhang**, New York Institute of Technology (NYIT), Old Westbury, NY, USA