



INTERNATIONAL  
ACADEMY OF  
CARDIOLOGY

INTERNATIONAL ACADEMY OF CARDIOLOGY  
ANNUAL SCIENTIFIC SESSIONS 2018  
23rd WORLD CONGRESS ON  
**HEART DISEASE**

BOSTON, MA, USA, JULY 27-29, 2018

**PRELIMINARY LIST OF SCIENTIFIC PRESENTATIONS**

*Arranged in alphabetical order as at April 11, 2018*

Muscarinic Acetylcholine Receptors: A Neglected Cardiocirculatory Component

**Chris Adamopoulos**, Consultant Cardiologist, Thessaloniki, Greece

OCT Guided PCI: Present Status and Future Perspectives

**Takashi Akasaka**, Wakayama Medical University, Wakayama, Japan

Cardiac Rehabilitation and its Effects on Cognition in Patients with Coronary Artery Disease and Heart Failure

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

Obesity and Atrial Fibrillation

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

Highlights from the 2017 ACC/AHA Hypertension Guidelines

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

Placebo: Power of Non-Specific Treatment Effects

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

Beyond Stenosis: Plaque Assessments and Ischemia by Coronary CTA

**Daniel S. Berman**, Cedars Sinai Medical Center, Los Angeles, CA, USA

Setting a New Direction in CAD and PAD – The COMPASS Trial

**Deepak L. Bhatt**, Brigham and Women's Hospital Heart & Vascular Center, Boston, MA, USA

Current Status of Pathophysiology and Therapy of Peripheral Artery Disease

**Sukhwinder K. Bhullar**, Saint Boniface Research Centre, Winnipeg, Manitoba, Canada

Different Modulation of miRNA by Clopidogrel and Ticagrelor in Patients with NSTEMI

**Luigi Marzio Biasucci**, Policlinico A. Gemelli, Catholic University of the Sacred Heart, Rome, Italy

Pacemaker/ICD in the MRI Environment; Beyond the Magnasafe Trial

**Robert W.W. Biederman**, Temple Univ. School of Med., Allegheny Gen Hospital, Carnegie Mellon Univ., Pittsburgh, PA, USA

Downregulation of Endothelial Beta-2 Spectrin by Increased Plaque Stiffness Induces a Leaky Vessel Phenotype in Atherosclerotic Plaque Microvasculature

**Erik A.L. Biessen**, Cardiovascular Research Institute Maastricht (CARIM), Maastricht University, The Netherlands & Institute for Molecular Cardiovascular Research, RWTH Aachen, Germany

Filtering the Evidence: Updates on IVC Filters

**Behnood Bikdeli**, Columbia University Medical Center, New York, NY, USA

Unravelling the Interaction of Aspirin, Ticagrelor and Rosuvastatin on the Progression of Atherosclerosis and Inflammation in Diabetic Mice

**Yochai Birnbaum**, Baylor College of Medicine, Houston, TX, USA

Role of Cardiovascular Imaging in the era of Highly Sensitive Troponin Testing

**Ron Blankstein**, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

Non-steroidal anti-inflammatory drugs: Cardiovascular events are related primarily to impact of NSAIDs on blood pressure, rather than to COX selectivity

**Jeffrey S. Borer**, State University of New York Downstate Medical Center, New York, NY, USA

Pulmonary Arterial Hypertension: Has it become an *Almost Forgettable Disease* in 25 years

**Robert C. Bourge**, The University of Alabama at Birmingham, Birmingham, AL, USA

What is the future of platelet function measurement?

**Sorin J. Brener**, Weill Cornell Med. College, NY Presbyterian Brooklyn Methodist Hospital, NY USA

Clinically Relevant Interactions between Cardiovascular Drugs, Herbals and Fruit Juices: Mechanisms of Interactions and Prescribing Strategies

**Harpal S. Buttar**, University of Ottawa, Ontario, Canada

Update on Subclinical Leaflet Thrombosis in Bioprosthetic Valves

**Tarun Chakravarty**, Cedars-Sinai Medical Center, LA, USA

Sex Differences in Exercise Performance in a Healthy Population

**Yzhar Charuzi**, UCLA School of Medicine, Cedars Sinai Medical Center; Los Angeles, CA, USA

Management of Metabolic Syndrome and Atherosclerosis in Multiple Mouse Models of Human Type II Diabetes and Heart Disease

**Subroto Chatterjee**, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Impact of Frailty on Outcomes of Transcatheter Aortic Valve Replacement

**Asim N. Cheema**, St. Michael's Hospital, University of Toronto, Toronto, Ontario, Canada

Cardiovascular Risk Factors: An Update

**Changyi (Johnny) Chen**, Baylor College of Medicine, Houston, TX, USA

A Novel Mechanism Controlling Smooth Muscle Phenotype and Vascular Remodeling

**Shiyou Chen**, The University of Georgia, Athens, GA, USA

Cardiovascular Aging and Biological Paths to Resilience

**Susan Cheng**, Brigham and Women's Hospital, Boston, MA, USA

Heartful Living: Program for Improving Health & Lifestyle through Self-awareness

**Anand Chockalingam**, University of Missouri – Columbia, Columbia, MO, USA

Discontinuation of Statin Therapy in Older People: A Systematic Review

**Shorena Chumburidze**, David Tvildiani Medical University, Rep of. Georgia

Rapamycin Protects Diabetic Rabbit Hearts against Ischemia/Reperfusion Injury by Regulating PTEN-AKT Signaling

**Anindita Das**, Virginia Commonwealth University, Richmond, VA, USA

Pediatric and Adult Congenital Arrhythmia Ablation, Techniques and Challenges  
**Srikant Das**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Cardiac Cell Therapy: Cumulative Data and New Concepts  
**Buddhadeb Dawn**, University of Kansas Medical Center, USA

Esophageal Complications Related to Atrial Fibrillation Ablation - Relevance, Prognosis and Prevention  
**Thomas Deneke**, Cardiovascular Center Bad Neustadt, Germany

His Bundle Pacing – Fact or Fancy  
**Abhishek Deshmukh**, Mayo Clinic, Rochester, MN, USA

Regulatory RNAs in Cardiovascular Disease  
**Yvan Devaux**, Luxembourg Institute of Health, Luxembourg

Lysophosphatidic Acid as a Target for the Development of New Drugs for the Therapy of Hypertension  
**Naranjan S. Dhalla**, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, MB, Canada

Life Simple Seven and Incidence of Coronary Artery Disease: The Million Veteran Program  
**Luc Djousse**, Harvard Medical School, Boston, MA, USA

Proarrhythmic Subcellular Signaling in Atrial Fibrillation: Role of Calcium Dependent Potassium Channels  
**Dobromir Dobrev**, Faculty of Medicine, University Duisburg-Essen, Essen, Germany

Prevention of Readmission of Heart Failure Patients: From Dream to Reality: Are we there yet?  
**Anique Ducharme**, Université de Montréal, Montréal, QC, Canada

Mitochondrial Ca<sup>2+</sup> Influx Contributes to Arrhythmic Risk in Nonischemic Cardiomyopathy  
**Samuel C. Dudley**, University of Minnesota, Minneapolis, MN, USA

Genetics of Valvular Diseases  
**Ronen Durst**, Hadassah Hebrew University Medical Center, Jerusalem, Israel

Genetics of Thoracic Aortic Aneurysm 2018  
**John A. Eleftheriades**, Yale Medicine Department of Surgery, New Haven, CT, USA

Cardiovascular Disease Risk and Menopause: What have we learned from SWAN?  
**Samar R. El Khoudary**, University of Pittsburgh, PA, USA

Renal Denervation and Suppression of Atrial Arrhythmias  
**Arif Elvan**, Isala Hospital, Zwolle, The Netherlands

Prevention of Myocarditis/DCM using Regenerative Medicine Therapy  
**DeLisa Fairweather**, Mayo Clinic, Jacksonville, FL, USA

Precision Medicine and Antiplatelet Therapy Post-PCI: Is There a Role for Pharmacogenomics?  
**Michael Farkouh**, Peter Munk Cardiac Centre, Toronto General Hospital, Toronto, ON, Canada

Non-coding RNAs and Atherosclerosis  
**Mark W. Feinberg**, Brigham and Women's Hospital/Harvard Medical School, Boston, MA, USA

Enhancing Inflammation Resolution in Acute Coronary Artery Disease: The next frontiers for therapy?  
**Janos G. Filep**, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

What if we had a Google Map of the Human Vasculature?

**Zorina Galis**, NIH, Bethesda, MD, USA

Long-term Exercise-Derived Exosomal miRNAs as Novel Exerkines for Cardioprotection

**F Gao**, The Fourth Military Medical University, Xi'an, China

Coronary 3D Reconstruction Based on 180 Degree Rotation

**Joel A. Garcia Fernandez**, Orlando Health Heart Institute Cardiology Group, Orlando, FL, USA

Novel Ultrasound Imaging Strategies for Ischemic Heart Disease

**Julius M. Gardin**, Rutgers New Jersey Medical School, Newark, New Jersey

Towards a Complete True Hybrid Treatment of Atrial Fibrillation

**Sandro Gelsomino**, Careggi University Hospital, Florence, Italy

T3 Versus Metoprolol Treatment of Rats with Myocardial Infarction- and the Winner Is?

**A. Martin Gerdes**, NYITCOM College of Osteopathic Medicine, Old Westbury, NY, USA

Potential Molecular Targets for Prevention of Progression of Abdominal Aortic Aneurysm

**S. David Gertz**, The Hebrew University of Jerusalem, Jerusalem, Israel

Radiofrequency Ablative Modification of the AV node for the Treatment of Atrial Fibrillation: Exploring the Value of an Old Technique

**J. Rod Gimbel**, Cleveland Heights, OH, USA

Evaluation and management of RV Shock

**James A. Goldstein**, Beaumont Health System, William Beaumont Hospital, Royal Oak, MI, USA

Impact of Exercise Training on Diastolic Function in HFpEF: Gathering Evidence from Clinical and Pre-Clinical Studies

**Daniel Moreira-Goncalves**, University of Porto, Portugal

The Hydrogel-Encapsulated T0901317 Reduces Atherosclerosis without Effect on Lipogenesis in ApoE Deficient Mice

**Jihong Han**, Nankai University, Tianjin, China

Aspirin in the Primary Prevention of Cardiovascular Disease: Need for Individual Clinical Judgments

**Charles H. Hennekens**, Florida Atlantic University, Boca Raton, FL, USA

Drug Eluting Balloons for the treatment of Femoro Popliteal Diseases

**Michel Henry**, Bofferdange, Luxembourg

HFpEF as a Systemic Disease – What Can We Learn from Cardiopulmonary Exercise Testing?

**Jennifer E. Ho**, Massachusetts General Hospital, Boston, MA, USA

The Role of Left Atrial Strain in Heart Failure

**Brian D. Hoit**, Case Western Reserve University, Cleveland, OH, USA

Clearing of  $\beta_1$ -Receptor Autoantibodies from the Blood: A Useful Treatment Option for Idiopathic Dilated Cardiomyopathy

**Michael Dandel**, Humboldt University Berlin, Germany

Advances in Molecular Imaging to Guide Biological Diagnosis and Treatment of Venous Thromboembolism?

**Farouc A. Jaffer**, Massachusetts General Hospital Cardiovascular Research Center, Boston, MA, USA

Retrograde CTO Angioplasty- the State of the Art

**Deepak Jain**, II Medical Clinic, Sana Clinics Luebeck, Lübeck, Germany

Cardiovascular Activation during Socially Evaluated Cold-Pressor Test is associated with Changes in Immune Function but not with Activation of Steroid Stress Hormones

**Daniela Jezova**, Biomedical Research Center, Slovak Academy of Sciences, Bratislava, Slovakia

Effectiveness of Percutaneous Renal Artery Stenting for the Treatment of atherosclerotic renal artery stenosis in Chinese patients: Lesson from real clinical practice

**Xiongjing Jiang**, Fuwai Hospital and National Center for Cardiovascular Diseases, China

Do New Studies/Devices Tip the Balance to Earlier LVAD Implantation as Destination Therapy?

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

Heart Failure with Improved or Recovered Ejection Fraction

**Andreas Kalogeropoulos**, Stony Brook University School of Medicine, Stony Brook, NY, USA

Up-to-Date Management of Atrial Tachyarrhythmias in Adult Congenital Heart Disease

**Anna Kamp**, Ohio State University, OH, USA

Multi-Faceted Contribution of TIMPs to Myocardial Fibrosis

**Zamaneh Kassiri**, University of Alberta, Edmonton, AB, USA

The Trials and Tribulations of Slow Continuous Ultrafiltration for Management of Acute Heart Failure – An Update for 2018

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

A Framework for Wearable Technologies in Cardiology

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

Peripheral Interventions and Antiplatelet Therapy: Role in Current Practice: An Update for 2018

**Rami N. Khouzam**, University of Tennessee Health Science Center, Memphis, TN, USA

Next Generation Intravascular Compositional Imaging Assessment of the High-Risk Plaque

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

Heart Failure New Pathways for Treatment

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

Does Cardiorespiratory Fitness Modulate the Incidence of Type 2 Diabetes in Patients on Statin Therapy?

**Peter Kokkinos**, Veterans Affairs Medical Center, Washington, DC, USA

Lysosomal Cysteine Proteases and Disturbances of their Regulation in Atherosclerosis

**Tatiana Korolenko**, Institute of Physiology and Fundamental Medicine, Novosibirsk, West Siberia, Russia

Optical Coherence Tomography for the Detection of Vulnerable Plaque

**Takashi Kubo**, Wakayama Medical University, Wakayama, Japan

Inhibition with Sildenafil Attenuates Cardiac Dysfunction In Obese Diabetic Mice: ROLE OF MicroRNA 21  
**Rakesh C Kukreja**, Virginia Commonwealth University, Richmond, VA, USA

Management of Atrial Fibrillation in the Elderly Patients  
**Adarsh Kumar**, Govt. Medical College/G.N.D. Hospital, Amritsar, India

Treatment of Severely Calcified Coronary Artery Lesions  
**Michael S. Lee**, UCLA Medical Center, Los Angeles, CA, USA

A New Approach to Heart Valve Disease: Intervention or prevention?  
**Robert A. Levine**, Massachusetts General Hospital, Boston, MA, USA

Novel findings of PCSK9-related studies: Data from a lipid center in China  
**Jian-Jun Li**, Peking Union Medical College, Beijing, China

Deciphering the Role of Autophagy-Lysosome Dysfunction in the Diabetic Heart  
**Qiangrong Liang**, New York Institute of Technology, Northern Blvd, Old Westbury, NY, USA

It all Runs in the Family - Mitochondrial Cardiomyopathy  
**Avraham Lorber**, Rambam Health Care Campus, Haifa, Israel

The Distal Left Radial Artery Access for Coronary Angiography and Intervention: A New Era  
**Amir S. Lotfi**, Tufts University School of Medicine, Baystate Medical Center, Springfield, MA, USA

Modulation Inflammatory Vasculitis (IVS) and Anti-Inflammatory Treatment  
by the Gut Microbiota - A Mouse Herpesvirus IVS Model  
**Alexandra Lucas**, University of Florida, Gainesville, FL, USA

Atherosclerosis in Ancient Mummies  
**Mohammad Madjid**, McGovern Medical School, University of Texas at Houston Health Science Center, Houston, TX, USA

Calcium Scoring – Where do we stand in 2018?  
**John Mahmarian**, Weill Cornell Medical College, Houston Methodist Hospital, Houston, TX, USA

Nanomedical Studies of Endothelial Aging in the Cardiovascular System  
**Tadeusz Malinski**, Ohio University, Athens, OH, USA

Inflammation, Coronary Calcium Density, and Prediction of Cardiovascular Events  
**Shaista Malik**, University of California, Irvine, Orange, CA, USA

Daylight Saving Time and Myocardial Infarction: Does a Gender-Oriented Difference Exist?  
**Roberto Manfredini**, Center for Studies on Gender Medicine, University of Ferrara, Italy

Low T/High T Testosterone and the Heart  
**James D. Marsh**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

The Risk Predictors of Complications of Pulmonary Vein Isolation  
**T.J. Matsubara**, The University of Tokyo, Tokyo, Japan

Growth Factors in Cardiovascular Disease  
**Nilanjana Maulik**, University of Connecticut School of Medicine, Farmington, CT, USA

DOAC in Cancer Patients: Venous Thromboembolism and Atrial Fibrillation

**Nicola Maurea**, National Cancer Institute, Sen. Pascale Foundation, Naples, Italy

PCSK9 and Myocardial Ischemia

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

Genetics in the Management of Dilated Cardiomyopathy

**Luisa Mestroni**, University of Colorado Denver Anschutz Medical Campus, Aurora, CO, USA

Regenerative Medicine for Cardiovascular Disease: Continued Progress

**Leslie W. Miller**, Leonhardt Ventures, Playa Vista, CA, USA

Machine Learning and Coronary Artery Imaging: Basic Concepts and Contemporary Data

**James K. Min**, Weill Cornell Medicine | NewYork-Presbyterian, New York, NY, USA

Mechanisms of Action in Mind-Body Stress Reduction Techniques Utilized for Improved Outcomes in Cardiovascular Disease

**Freny Vaghaiwalla Mody**, VA Greater Los Angeles HCS, LA, CA, USA

Fasting is Not Necessary for Lipid Testing: *Nihil Per Os non iam*

**Samia Mora**, Brigham and Women's Hospital, Boston, MA, USA

Update on Preop Evaluation of Patients Undergoing Non-Cardiac Surgery

**Mohammad-Reza Movahed**, The Southern Arizona VA Health Care System, Tucson, AZ, USA

Thrombolytics versus Pump Exchange in VAD Management: Should we use a Tailored Approach?

**Nandini Nair**, Texas Tech Health Sciences Center, Lubbock, TX, USA

Cardioselective Knockout of Cathepsin K Protects Against Doxorubicin-Induced Cardiotoxicity

**Sreejayan Nair**, University of Wyoming, Laramie, WY, USA

Immunoabsorption in Patients with Dilated Cardiomyopathy

**Marc-Alexander Ohlow**, Zentralklinik, Bad Berka, Germany

Current State of Knowledge about Takotsubo Syndrome – What Have We Learned So Far and What Remains to be Learned in the Future

**Elmir Omerovic**, Sahlgrenska University Hospital, Gothenburg University, Gothenburg, Sweden

The Emerging Role of Circulating and Urinary Biomarkers in the Assessment of Adults with Congenital Heart Disease

**Alexander (Sasha) Opatowsky**, Boston Children's Hospital | Brigham and Women's Hospital, Boston, MA, USA

Role of the Novel Adipokine in Cardiovascular Disease

**Noriyuki Ouchi**, Nagoya University Graduate School of Medicine, Nagoya, Japan

Cardiovascular Health and Healthy Aging

**Demosthenes B. Panagiotakos**, Harokopio University of Athens, Athens, Attica, Greece

Targeted-Disruption of Guanylyl Cyclase/Natriuretic Peptide Receptor-A Gene Induces Cardiac Fibrosis through TGF- $\beta$ 1/Smad Dependent Pathway

**Kailash N. Pandey**, Tulane University School of Medicine, New Orleans, LA, USA

Current Trends in the Management of Cardiac Amyloidosis  
**Jignesh Patel**, Cedars-Sinai Heart Institute, Beverly Hills, CA, USA

Unusual Arrhythmic Causes of Syncope  
**Hakan Paydak**, UAMS, Little Rock, AR, USA

Mycobacterium Chimaera in Cardiac Surgery  
**Louis P. Perrault**, Montreal, Quebec, Canada

New Tools for the Imager: Cardiac Elastography  
**Cristina Pislaru**, Mayo Clinic, Rochester, MN, USA

The Changes in Serum Potassium Level as the Markers of Acute Kidney Injury in Patients with Acute Myocardial Infarction  
**Ygal Plakht**, Soroka University Medical Center, Beer-Sheva, Israel

Spontaneous Coronary Artery Dissection: Further Insights Utilising Big Data  
**Rahul Potluri**, Aston University, Birmingham, UK

Adaptive Immunity and Heart Failure  
**Sumanth D. Prabhu**, University of Alabama – Birmingham, Birmingham, AL, USA

AGEs-RAGE Stress in Cardiac Diseases  
**Kailash Prasad**, University of Saskatchewan, Saskatoon, SK, Canada

Left Ventricular Flow Dynamics in Patients with Mitral Annular Calcification  
**Gregg S. Pressman**, Einstein Medical Center Philadelphia, PA, USA

Strengths and Weaknesses of Exercise Echocardiography  
**Maria Prokudina**, Almazov North-West Medical Research Center, St. Petersburg, Russia

Hemodynamic Modulation of Non-Platelet Thromboxane Generation  
**Jeffrey J. Rade**, UMASS Medical School, Worcester, MA, USA

NHLBI Working Group Recommendations on Calcific Aortic Valve Disease: The Chairman's Perspective  
**Nalini M. Rajamannan**, Mayo Clinic, Rochester, MN, USA

Molecular Mechanisms Underlying the Anti-Atherogenic Actions of Nutraceuticals  
**Dipak P. Ramji**, Cardiff University, Cardiff, UK

Non-Invasive Diagnostic Dilemma for Low Flow Low Gradient Aortic Valve Stenosis  
**Somwail Rasla**, St. Vincent Hospital, USA

EMS Guided Primary PCI made a Dramatic Impact on Positive STEMI Care?  
**Hanumanth K. Reddy**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Sex differences in Peripheral Arterial Disease: Diagnosis, Symptoms and Treatment  
**Judith G. Regensteiner**, University of Colorado School of Medicine, Aurora, CO, USA

Proteotoxicity and Cardiac Disease  
**Jeffrey Robbins**, Cincinnati Children's Hospital Medical Center, OH, USA



Hypertension and Heart Failure – Mechanisms

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

Statin Muscle Intolerance: Optimizing Treatment Strategies to Reduce Cardiovascular Risk

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

Myocardial Interstitial Fibrosis in Heart Failure: Beyond Ventricular Stiffness

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

The Rationale for Mechanical Hemodynamic Support in Cardiogenic Shock and Protected PCI

**Rajesh Sachdeva**, Emory School of Medicine, Atlanta, GA, USA

Role of Nitrates in the Prevention of Myocardial Ischemia associated with Carfilzomib Infusion

**Tiziano M. Scarabelli**, Virginia Commonwealth University, USA

Silencing of the Cardiac 18-kDa Translocator Protein Prevents Heart Failure Due to Pressure Overload

**Saul Schaefer**, University of California, VA NCHCS, Davis, CA, USA

Advances in Myocardial Receptor Imaging with PET: The AT1- and Endocannabinoid System

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

A New Era in the Management of type II diabetes in Patients with a high cardiovascular risk. The Chance from a glucocentric to a vascular point of view

**Karlheinz Seidl**, Klinikum Ingolstadt; Germany

Women and Coronary Artery Disease

**Leslee J. Shaw**, Emory University School of Medicine, Atlanta, GA, USA

Adipocytes Promote IL18 Binding to its Receptors during Abdominal Aortic Aneurysm Formation

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

Testosterone and Cardiovascular Disease

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

Stable Ischemic Heart Disease in the Chronic Kidney Disease Population in 2018

**Mandeep S. Sidhu**, Albany Medical Center, Albany, New York, USA

Home hospitalization for Acute Decompensated Heart Failure: Opportunities and Strategies for Improved Health Outcome

**Marc A. Silver**, University of Illinois, Advocate Christ Medical Center, Oak Lawn, IL, USA

Tricuspid Regurgitation

**Siddharth Singh**, Cedars-Sinai Heart Institute, Beverly Hills, CA, USA

Distinct Roles of Calcium and cAMP in Angiotensin II-Induced Signaling Pathways in Vascular Smooth Muscle Cells.

**Ashok K. Srivastava**, University of Montreal, Montreal, QC, Canada

Validation of the Indication for Implantable Cardioverter Defibrillator in Brugada Syndrome in the J Wave Syndromes Consensus Conference

**Masahiko Takagi**, Kansai Medical University, Moriguchi, Japan

Intravascular Ultrasound (IVUS): Current Status and Future Prospects  
**Mitsuyasu Terashima**, Toyohashi Heart Center, Toyohashi Aichi, Japan

Percutaneous Treatment of Left Main Coronary Artery Disease in 2018: From Patient Selection to Optimal Technique  
**Luca Testa**, IRCCS Policlinico S. Donato, Milan, Italy

Individualization of Optimal Treatment for Stable Angina Pectoris: An Ongoing Challenge  
**Udho Thadani**, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA

Insight into Poly Vascular Disease  
**Takanobu Tomaru**, Toho University, Heisei Healthcare Center, Yokohama, Japan

Mechanisms of DCM due to Cell Cycle Stress  
**Balwant Tuana**, University of Ottawa, ON, Canada

Mechanism of Cardiac Remodeling in Heart Failure  
**Suresh C. Tyagi**, University of Louisville School of Medicine, Louisville, Kentucky, USA

Expanded Use of Fractional Flow Reserve (FFR)  
**Barry F. Uretsky**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Transcatheter Mitral Valve Repair and Replacement: Techniques and Results  
**Gian Paolo Ussia**, Università degli Studi di Roma "Tor Vergata", Rome, Italy

Effect of Institutional Experience on Outcomes of Alcohol Septal Ablation for Hypertrophic Obstructive Cardiomyopathy  
**Josef Veselka**, Charles University, University Hospital Motol, Prague, Czech Republic

microRNAs in Cardiac Remodeling and Disease  
**Da-Zhi Wang**, Boston Children's Hospital, Boston, MA, USA

Targeting CaMKII in Heart Failure  
**Yanggan Wang**, Zhongnan Hospital of Wuhan University, China

Cardiac MRI and CT Imaging to Prevent Heart Disease-Quo Vadis?  
**Norbert Wilke**, Radiology Center Dr Wilke, Hoechststadt, Germany

Advances in Multimodality Cardiovascular Imaging of Pericardial Conditions  
**Bo Xu**, Cleveland Clinic, Cleveland, OH, USA

Role of Pulsed Ultrasound in Attenuation of Acute Myocardial Ischemia/Reperfusion Injury  
**Zequan Yang**, University of Virginia, Charlottesville, VA, USA

Cardiac Targeting Peptide, A Novel Cardiac Vector: From Bio-Distribution to Mechanism of Transduction to First Application  
**Maliha Zahid**, University of Pittsburgh, Pittsburgh, PA, USA

Dantrolene, a Ryanodine Receptor Stabilizer, reduces Atrial Fibrillation in Heart Failure  
**Youhua Zhang**, New York Institute of Technology (NYIT) College of Osteopathic Medicine, Old Westbury, NY, USA