



INTERNATIONAL ACADEMY OF CARDIOLOGY
ANNUAL SCIENTIFIC SESSIONS 2015
20th WORLD CONGRESS ON
HEART DISEASE
VANCOUVER, BC, CANADA, JULY 25-27, 2015

Preliminary List of Scientific Presentations

(arranged alphabetically according to invited speaker)

Strategies to Decrease Bleeding in the Cardiac Cath Lab

Mazen S. Abu-Fadel, University of Oklahoma HScC, Oklahoma City, OK, USA

Reduction of 30-Day All-Cause Readmission in Heart Failure: Current Evidence and Future Directions

Ali Ahmed, The Washington DC VA Medical Center. Washington, DC, USA

Usefulness of Optical Coherence Tomography in Daily Clinical Practice

Takashi Akasaka, Wakayama Medical University, Wakayama, Japan

Cognitive Impairment in Chronic Heart Failure

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

The Role of Statins in the Prevention of Contrast-induced Acute Kidney Injury

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

Advances in Cardiac Imaging for the Evaluation of Nonischemic Cardiomyopathies

Aman M. Amanullah, Albert Einstein Medical Center, Jefferson Medical College of Thomas Jefferson University, Philadelphia, PA, USA

Contemporary Management of Low Risk Patients Presenting to the ED with Chest Pain

Ezra A. Amsterdam, University of California, Davis Medical Center, Sacramento, CA, USA

GI Protein as Potential Target for the Treatment of Hypertension

Madhu B. Anand-Srivastava, Faculty of Medicine, University of Montreal, Montreal, QC, Canada

Myocardial Interstitial Dissarray and Cardiovascular Apoptosis and Remodelling In Pulmonary Hypertention
Dyspnea, Complicated with Late Infection

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

Reduction in Heart Failure Readmission Rates: How low can we go?

Juan M. Aranda Jr, University of Florida, Gainesville, FL, USA

Resistant Hypertension: Diagnostic and Treatment Issues

Diana E. Ayala, Campus Universitario Vigo, Pontevedra, Spain

Statin Intolerance - Mechanisms, Risk Factors, Definition and Management

Maciej Banach, Medical University of Lodz, Lodz, Poland

Stent and Non-Stent Infrainguinal Peripheral Artery Revascularization: Insights from The Multicenter
X/pad Registry

S. Banerjee

VA North Texas Health Care System, Dallas, TX Dallas, TX, USA

Gender Differences and Healthy Aging

Elizabeth Barrett-Connor, University of California, San Diego, La Jolla, CA, USA

Choosing Wisely: What Works and What Doesn't

Gregory Barsness, Mayo Clinic, Rochester, MN, USA

Genetic Epidemiology of Left Ventricular Hypertrophy

Jonathan N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

Arrhythmias in Adult Congenital Heart Disease

Charles I. Berul, Children's National Health System, George Washington University,

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Washington, DC, USA

Ticagrelor Ameliorates Reperfusion Injury and Improves Remodeling after Myocardial Infarction
Yochai Birnbaum, Baylor College of Medicine, Houston, TX, USA

The Role of Pharmacological Therapy in Heart Valve Diseases
Jeffrey S. Borer, State University of New York Downstate Medical Center, New York, NY, USA

eNOS and NOX Isoforms in Aortic Aneurysm Formation
Hua Linda Cai, UCLA David Geffen School of Medicine, Los Angeles, CA, USA

The 2014 AF Guidelines: What's New?
Michael E. Cain, University at Buffalo, Buffalo, NY, USA

Management of Asymptomatic Aortic Stenosis: What is new in 2015?
Hari P. Chaliki, Mayo Clinic, Arizona, USA

Do Pelvic Vascular Bed Calcifications Correlate to Coronary Artery Calcification in Modern American Population?
Yzar Charuzi, Cedars Sinai Heart Institute, Los Angeles, CA, USA

Evolving Understanding of Stress Cardiomyopathy
Anand Chockalingam, University of Missouri – Columbia, Columbia, MO, USA

The Role of Right Ventricle on the Clinical Course of Heart Failure
Christina Chrysohoou, Hippokraton Hospital, University of Athens, Athens, Greece

Statin Therapy in Older Patients
Shorena Chumburidze, David Tvildiani Medical University, Tbilisi, Rep. of Georgia

Role of Stress Echocardiography in the Cardiac Resynchronization Therapy
Quirino Ciampi, Fatebenefratelli Hospital, Benevento, Italy

Left Ventricular Reverse Remodeling with Biventricular versus Right Ventricular Pacing in Patients with Atrioventricular Block and Left Heart Failure in the BLOCK HF Trial
Anne B. Curtis, University at Buffalo, Buffalo, NY, USA

Selectin- E in Heart Failure of Different Etiology
Sergio Dalla Volta, Università degli Studi di Padova, Padova, Italy

Left Ventricular vs. Biventricular Mechanical Support for Failing Hearts: Main Challenges before Decision Making
Michael Dandel, Deutsches Herzzentrum, Berlin, Germany

Combined Angiotensin Receptor Antagonism/Neutral Endopeptidase Inhibition in Diabetes: Focus on Blood Pressure and the Kidney
Alexander H.J. Danser, Erasmus Medical Center, Rotterdam, The Netherlands

Asymptomatic Complications of Atrial Fibrillation Ablation: Fear or Not?
Thomas Deneke, University of Bochum, Germany

Genetics of Diastolic and Systolic Heart Failure
Alan Y. Deng, Centre Hospitalier de l'Université de Montréal, Montreal, QC, Canada

CO₂-Bath as a Novel Therapy for Peripheral Vascular Disease
Naranjan S. Dhalla, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada

Association of Modifiable Lifestyle Factors and Risk of Total and Cardiovascular Mortality among Older US Male Physicians

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Luc Djousse, Brigham and Women's Hospital, Boston, MA, USA

Mendelian Randomization Studies in Cardiometabolic Medicine

Heinz Drexel Academic Teaching Hospital Feldkirch, Feldkirch, Austria

Role of Mitochondrial Oxidative Stress in Glucose Tolerance, Insulin Resistance, and Cardiac Diastolic Dysfunction

Samuel C. Dudley, The Miriam and Rhode Island Hospitals, Providence, RI, USA

Whole Exome Sequencing for Thoracic Aortic Aneurysm: The Future is Here

John A. Eleftheriades, Yale University School of Medicine, New Haven, CT, USA

Assessment of Cardiovascular Prognosis in Diabetic Patients. The Role of Cardiac Imaging

Abdou Elhendy, Marshfield Clinic, Marshfield, WI, USA

Extracellular Vesicles as New Functional Players and Potential Biomarkers in Cardiac Patients

Costanza Emanuelli, Bristol Heart Institute, University of Bristol, Bristol, UK

A Large Pragmatic Trial of Statin Therapy in Primary Prevention Patients: The Next Frontier

Michael Farkouh, Toronto General Hospital, Toronto, Ontario, Canada

C-reactive Protein and Acute Coronary Artery Disease

Janos G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

The Secret Supremacy of Small Blood Vessels, an Enduring Puzzle of The Cardiovascular System: Research Gaps and Opportunities

Zorina Galis, NIH, Bethesda, MD, USA

Exercise Improves Vascular Insulin Sensitivity: Role of Mitochondria-ROS

Feng Gao, The Fourth Military Medical University, Xi'an, China

Safety and Efficacy of XperSwing Dual-Axis Rotational Coronary Angiography

Joel A. Garcia, Orlando Health, FL, USA

Cardioprotective Effects of Therapeutic T3 Treatment in Myocardial Infarction and Reperfusion

A. Martin Gerdes, New York Institute of Technology, Old Westbury, NY, USA

What Diabetes Mellitus has Taught us about Potential Treatments for Small Abdominal Aortic Aneurysms

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

Genetic Based Molecular Subtypes of Human Atrial Fibrillation

Michael H. Gollob, Toronto General Hospital, Toronto, Ontario, Canada

Alterations of Macrophage GSH/GSSG Status Regulate CD36 Expression and Foam Cell Formation: Implication of GSH-Antioxidant System in Atherosclerosis

Jihong Han, Nankai University, China

Interventions Using of the Electronic Medical Record to Improve Care of Patients with Heart Disease

Paul A. Heidenreich, Palo Alto VA Health Care System, Stanford University, Palo Alto, CA, USA

Treatment of Arterial Aneurysms with the Multilayer Flow Modulator Stent

Michel Henry, Bofferdange, Luxembourg

New Outcomes-Based Recommendations for Improving Hypertension Diagnosis and Treatment to Reduce Risk of Vascular Events

Ramon C. Hermida, Campus Universitario, Vigo, Pontevedra, Spain

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Postcardiotomy Syndrome: Prevention and Management

Brian Hoit, Case Western Reserve University, Cleveland, OH, USA

Clinical Implications of OCT-Based Neointimal Tissue Characterization

Myeong-Ki Hong, Severance Cardiovascular Center and Severance Biomedical Science Institute, Seoul, South Korea

Targeting Molecular Pathways in Diabetes Associated Cardiovascular Disease

Mansoor Husain, Toronto General Research Institute, University Health Network, Toronto, Ontario, Canada

From Mice to Men: Expression of the novel SLRP Podocan and Wnt-Pathway effector molecules in Clinical CAD

Randolph Hutter, Mount Sinai Medical Center, New York, NY, USA

Coronary Artery Perforation-the Bane of an Interventional Cardiologist

Deepak Jain, University Clinic Schleswig-Holstein, Lubeck, Germany

Cardiovascular Responses to Threatful Challenges in Persons with High Trait Anxiety

Daniela Jezova, Slovak Academy of Sciences, Bratislava, Slovakia

Beyond the Guidelines - New Options for Treating Heart Failure in 2015

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

Short- and Long-Term Cause of Death in Patients Treated With Primary PCI for STEMI

Erik Jorgensen, Rigshospitalet, University of Copenhagen, Copenhagen, Denmark

Aging, Extracellular Matrix and Heart Failure

Bodh I. Jugdutt, University of Alberta and Hospitals, Edmonton, Alberta, Canada

Adjudicated versus Administrative Heart Failure with Preserved Ejection Fraction

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

Trans-Ulnar Interventions: Technique, Feasibility & Safety

Edo Kaluski, University Hospital, Newark, NJ, USA

Ultrafiltration Therapy for Acute Heart Failure; Where are we standing in 2015?

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

Point of Care Ultrasound: The New Physical Examination

Ilan Kedan, Cedars Sinai Medical Group, Beverly Hills, CA, USA

LV Non Compaction: State of the Art 2015

Bijoy Khandheria, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

Hybrid Atrial Fibrillation for Advanced Atrial Fibrillation

Ali Khojnehzad, Cedars-Sinai Medical Center, Los Angeles, CA, USA

Regulation of Cell Death Signaling Pathways in the Heart

Lorrie A. Kirshenbaum, St. Boniface Research Centre, Winnipeg, Manitoba, Canada

Body Mass Index and Mortality: Is it Really Healthier to be Overweight?

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

Aging, Senescence and the Endothelial Cell

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

PCS K9 Inhibitors in Statin Intolerant Patients: Option for the future?

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

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The Use of Appropriate Use Criteria for Cardiac Imaging

Smadar Kort, Stony Brook Medicine - Stony Brook University, Stony Brook, NY, USA

Conventional and Novel Intravascular Imaging Techniques

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

PDE5 Inhibition in Cardioprotection

Rakesh C. Kukreja, Virginia Commonwealth University, Richmond, VA, USA

Role of COQ10 as Adjunctive Therapy in Congestive Heart Failure

Adarsh Kumar, Govt. Medical College/G.N.D. Hospital, Amritsar, India

Coronary Vasomotor Regulation by CRP and LOX

Lih Kuo, Texas A&M Health Science Center, Temple, TX, USA

Mitochondrial Quality Control in Type 1 Diabetic Heart

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

Altered Nuclear and Cytoskeletal Mechanics in Cardiac Myocytes with D192G Nuclear Lamin Mutation

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

Inhibition of Pyruvate Dehydrogenase Kinase Decreases the Severity of Heart Failure Associated with Obesity

Gary Lopaschuk, University of Alberta, Edmonton, Alberta, Canada

Atherosclerosis, Cancer and Wound Healing; The Systems Biology Connection

Alexandra Lucas, University of Florida, Gainesville, FL, USA

Predicting Long-Term Risk in Generally Asymptomatic Patients: Cardiac Testing In a Multimodality Imaging World

John J. Mahmarian, Weill Cornell Medical College, Methodist DeBakey Heart Center, Houston, TX, USA

Navigating the Complexities of Apoptosis and Autophagy in Cardiovascular Disease: Can We Chart a Clear Course?

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

New Insights into Sex-Based Differences in Heart Disease

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

Early Diagnosis of the Cardiovascular System - The Nanomedical Evaluation of Endothelial Dysfunction

Tadeusz Malinski, Ohio University, Athens, OH, USA

Time of Onset of Cardiac Events: Does Gender Matter?

Roberto Manfredini, University of Ferrara, Italy

Adult Congenital Heart Disease

Ariane Marelli, McGill University Health Centre, Montreal, QC, Canada

Inflammation in Atherosclerosis- Revisited

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

Update on Treatment of Valve Disease in Elderly Patients

Issam Mikati, Feinberg School of Medicine, Chicago, IL, USA

Stem Cell and Gene Therapy for CV Medicine

Leslie W. Miller, University of South Florida, Tampa, FL, USA

Non-Pharmacologic Approaches to Secondary Prevention of CVD-Evidence Based Improvements in Outcomes

Freny Vaghaiwalla Mody, VA Greater Los Angeles Healthcare System, LA, USA

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Novel Biomarkers of Lipid and Lipoprotein Metabolism
Samia Mora, Brigham and Women's Hospital, Boston, MA, USA

Respiratory Maneuvers That Can Be Useful During Cardiac Cauterization or Coronary Interventions
Mohammad-Reza Movahed, The Southern Arizona VA Health Care System, Tucson, AZ, USA

Determinants of Cardiac Function in patients with Dilated Cardiomyopathy
Sherif F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

The role of microRNAs in Peripartum Cardiomyopathy
Nandini Nair, Spokane Heart Institute, Spokane, WA, USA

CAC testing in 2015: Role in Shared Decision Making?
Khurram Nasir, Center for Wellness and Prevention Baptist Health South Florida, Miami Beach, FL, USA

Regulation of Intestinal Genes by an Oral Peptide Reduces Systemic Inflammation and Reduces Atherogenesis
Mohamad Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

Mediterranean Diet: From History to Culture to Medicine
Demosthenes B. Panagiotakos, Harokopio University, Athens, Greece

Postinfarct VSD: Operate or Wait?
Louis P. Perrault, Montreal Heart Institute, Montreal, QC, Canada

Noninvasive Assessment of Myocardial Stiffness by Ultrasound
Cristina Pislaru, Mayo Clinic, Rochester, MN, USA

Misconceptions and Diagnostic Challenges in Bioprosthetic Valve Thrombosis
Sorin Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

The Management of Patients with Advanced Heart Failure
Maria Vittoria H. Pitzalis, East Carolina University, The Brody School of Medicine, Greenville, NC, USA

Role of Reactive Oxygen Species in the Added Sugar-Induced Cardiovascular Disease
Kailash Prasad, University of Saskatchewan, Saskatoon, SK, Canada

Exercise Echocardiography: Advantages and Disadvantages
Maria Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

Aspirin-Insensitive Thromboxane Generation as a Marker of Endothelial Dysfunction
Jeffrey J. Rade, UMASS Medical School, Worcester, MA, USA

Targeting of Angiotensin Converting Enzyme 2 for Cardio-Pulmonary Diseases
Mohan K. Raizada, University of Florida, Gainesville, FL, USA

The Ldl density radius theory: A subanalysis of The SEAS trial
Nalini M. Rajamannan, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

Diagnostic Tricks and Timely Treatment of Aortic Intramural Hematoma
Hanumanth K. Reddy, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Genetics of Triglyceride-Rich Lipoproteins in Atherosclerotic Cardiovascular Disease
Robert S. Rosenson, Icahn School of Medicine at Mount Sinai, New York, NY, USA

Bendavia (MTP-131), a Mitochondria Targeting Peptide, Normalizes Dysregulation of Mitochondria Fission and Fusion Proteins in Myocardium of Dogs with Chronic Heart Failure
Hani N. Sabbah, Henry Ford Heart & Vascular Institute, Detroit, MI, USA

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Transcatheter Closure of ASD with Pulmonary Hypertension

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

Familial hypercholesterolemia: Whom to screen? How to treat?

Christoph H. Saely, Academic Teaching Hospital Feldkirch, Feldkirch, Austria

How does imaging help in indication for early surgery for Mitral Regurgitation?

Maurice E. Sarano, Mayo Clinic, Rochester, MN, USA

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

Tiziano M. Scarabelli, St John Hospital & Medical Center/Wayne State University, MI, USA

Global Atrial Fibrillation Burden: Prevention rather Treatment must be the Goal!

Karlheinz Seidl, Klinikum Ingolstadt GmbH, Ingolstadt, Germany

Evolving Role of Platelet Function Testing In Acute Coronary Syndromes

Rakesh Sharma, University of Arkansas Medical Science, USA

Pro-Inflammatory and Anti-Inflammatory Mast Cells in Obesity and Diabetes

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

Myocardial Viability in Coronary Artery Chronic Total Occlusion

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

Stable Ischemic Heart Disease: The Present and The Future

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

The Heart Failure Clinic: Taking Center Stage in Chronic Disease Management

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

Innate Signaling in Heart Disease

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

Inflammation in Heart Diseases

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

Syncope vs Psuedosyncope: Differentiation, Diagnosis and Treatment

Christopher S. Snyder, Rainbow Babies and Children's Hospital, Cleveland, OH, USA

Computed Tomography Coronary Angiography: Diagnostic and Prognostic Value

Fabiola Sozzi, Ospedale Maggiore Policlinico di Milano, Italy

Cholesterol Goals & Targets: Should we IMPROVE-IT

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

Viewing Heart Failure as Interstitial Cancer: Diagnostic and Therapeutic Avenues

Francis Spinale, USC School of Medicine, Columbia, SC, USA

Success of Atrial Fibrillation Ablation in Various Subsets

Komandoor Srivathsan, Mayo Clinic, AZ, USA

Role of Early Growth Response Protein-1 (Egr-1) in Vascular Biology

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

Bone Marrow Stem Cells in Ischemic Heart Disease

Gustav Steinhoff, University of Rostock, Germany



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Cardiac Fibrosis in Heart Failure

Andrew J. Taylor, BakerIDI Heart and Diabetes Research Institute, Melbourne, Victoria, Australia

Endothelial Dysfunction after Percutaneous Coronary Interventions and Medical Therapies

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

Management of Ischemic Heart Disease: Update 2015

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

Strategies for Prevention of Cardiovascular Events in Patients with Polyvascular Disease

Takanobu Tomaru, Toho University, Sakura Hospital, Japan

Calcium Signaling, Transcription and DCM

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

Non-coding RNAs, New Players in the Heart

Da-Zhi Wang, Boston Children's Hospital, Harvard Medical School, Boston, MA, USA

Transcatheter Valve Implantation; Aortic and Mitral

John Webb, St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada

The ACC/AHA Prevention of Cardiovascular Disease Guidelines: 2015 Update

Nathan D. Wong, University of California, Irvine, Irvine, CA, USA

Vascular Resident Stem Cells in Arteriosclerosis

Qingbo Xu, Kings College London, London, UK

FIM Transcatheter Mitral Valve Replacement for Native Mitral Valve Regurgitation

Jian (James) Ye, St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada

Dilating Vascular Disease: A Systematic Approach to Pathophysiology

Ertan Yetkin, International Medical Center, Merzin, Turkey

Unique Role of Echo and TEE in New Structural Heart Disease Intervention

Cheuk-Man Yu, The Chinese University of Hong Kong, Hong Kong

Role of Cilia in Congenital Heart Disease

Maliha Zahid, University of Pittsburgh, Pittsburgh, PA, USA

Zhang's Phenomenon (His Electrogram Alternans) and a New Model of Atrioventricular Node Dual Pathway Conduction

Youhua Zhang, New York Institute of Technology (NYIT), Old Westbury, NY, USA

Regulation of Myocardin Activity in Vascular Smooth Muscle

Xi-Long Zheng, Libin Cardiovascular Inst., The University of Calgary, Canada