PRELIMINARY LIST OF PRESENTATIONS as at January 11

Muscarinic Acetylcholine Receptors: A Neglected Cardio-Circulatory Component
*Chris Adamopoulos*, Thessaloniki, Greece

A Novel Stress Signaling Pathway in AF: Mechanisms and Therapeutics
*Xun Ai*, Rush University Medical Center, Chicago, IL, USA

Advancement of OCT Guided PCI in Daily Clinical Practice
*Takashi Akasaka*, Wakayama Medical University, Wakayama, Japan

Central Blood Pressure and Cardiovascular Disease
*Kannayiram Alagiakrishnan*, University of Alberta, University of Alberta Hospital, Edmonton, Alberta, Canada

Inhibition of Sirtuin-1 Ameliorates Vascular Remodeling and Hypertension
*Madhu B. Anand-Srivastava*, University of Montreal, Montreal, Quebec, Canada

J Wave Syndromes as a Cause of Sudden Cardiac Death
*Charles Antzelevitch*, Lankenau Institute for Medical Research, Wynnewood, PA, USA

The Acute Heart Failure Hospitalization: Everything you wanted to know but were afraid to Ask
*Juan Aranda, Jr.*, University of Florida, FL, USA

Treatment of Hypertension in 2020
*Wilbert S. Aronow*, Westchester Medical Center and New York Medical College, Valhalla, NY, USA

New Functional Ion Channel Genetic Markers in Sudden Cardiac Death Syndromes
*Hector Barajas Martinez*, Lankenau Institute for Medical Research, Wynnewood, PA, USA

Placebo: The Power of Non-Specific Treatment Effects
*Gregory Barsness*, Mayo Clinic, Rochester, MN, USA

Residual Cardiovascular Risk in Statin-Treated Patients with Elevated Triglycerides: Now We Can REDUCE-IT!
*Deepak L. Bhatt*, Brigham and Women’s Hospital Heart & Vascular Center, Harvard Medical School, Boston, MA, USA

Safety, Efficacy or Both? A focus study of devices in the MRI Environment?
*R. W. W. Biederman*, Temple University School of Medicine, Carnegie Mellon University, Allegheny Health Network, Pittsburgh, PA, USA
Pulmonary Embolism Hospitalizations in Older Adults: Trends, Therapies, and Outcomes
Behnoood Bikdeli, Columbia University Medical Center, Yale University School of Medicine, New York, NY, USA

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

Evaluation of Patients with Stable Chest Pain: Insights from the New Guidelines
Ron Blankstein, Brigham and Women’s Hospital, Boston, 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

Healthful Foods and Lifestyle Modifications are the Best Cost-effective Strategies for the Prevention of Cardiovascular Diseases
Harpal S. Buttar, University of Ottawa, School of Medicine, Ottawa, Canada

Targeting DHFR-eNOS Axis for the Treatment of Vascular Diseases
Hua Linda Cai, UCLA David Geffen School of Medicine, Los Angeles, CA, USA

Evolution of the Non-Pharmacological Treatment of Ventricular Tachycardia
Michael E. Cain, University at Buffalo, Buffalo, NY, USA

The Relation Between No-Reflow Phenomenon and Complete Blood Count Parameters
Turgay Celik, Gulhane Military Medical Academy, School of Medicine, Etilik, Ankara, Turkey

Management of Asymptomatic Severe AS
Hari P. Chaliki, Mayo Clinic College of Medicine, Scottsdale, AZ, USA

Fabry’s Disease Revisited
Yzhar Charuzi, UCLA School of Medicine, Cedars Sinai Medical Center, Los Angeles, CA, USA

Emerging Cardiovascular Risk Factors and Novel Management Strategies
Changyi (Johnny) Chen, Baylor College of Medicine, Houston, TX, USA

Sex Differences in Cardiovascular Aging Over the Life Course
Susan Cheng, Cedars-Sinai Medical Center, Los Angeles, CA, USA

Interpretation and Management of Premature Ventricular Beats in Young People and Athletes
Domenico Corrado, University of Padua Medical School, Padova, Italy
Utilization of Guideline-directed Device Therapies in Heart Failure Patients: Real-world Analysis Using Electronic Health Record Data
Anne B. Curtis, University at Buffalo, Buffalo, NY, USA

Assessment of the Right Ventricle by Echocardiography: Particularities Resulting from the Distinctly Load Dependency of its Size, Geometry and Function
Michael Dandel, German Heart Institute Berlin, Humboldt University Berlin, Berlin, Germany

Deficiency of Myocardial miR-17-92 Cluster Exacerbates Ischemic Injury in Diabetic Mice
Anindita Das, Virginia Commonwealth University, Richmond, VA, USA

SVT in Adults with Congenital Heart Disease
Srikant Das, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Reversal of Cardiac Remodeling and Subcellular Defects due to Myocardial Infarction
Naranjan S. Dhalla, University of Manitoba, Winnipeg, Canada

Role of NLRP3 Inflammasome in Atrial Fibrillation
Dobromir Dobrev, University Duisburg-Essen, Germany

The Role of Innate Immunity in Diabetes Associated Arrhythmic Risk
Samuel C. Dudley, University of Minnesota, Minneapolis, MN, USA

Lessons Learnt from the Genetics of Valve Disorders
Ronen Durst, Hadassah Hebrew University Medical Center, Jerusalem, Israel

The Neglected Dimension: Ascending Aortic Length Enhances Risk Assessment for Aortic Adverse Events
John A. Elefteriades, Yale Medicine Department of Surgery, New Haven, CT, USA

Healing the Heart: Using Regenerative Medicine to Reduce Myocarditis and Prevent Progression to Dilated Cardiomyopathy
DeLisa Fairweather, Department of Cardiovascular Medicine, Mayo Clinic, Jacksonville, FL, USA

Moving Beyond Lipid-Lowering: Non-Coding RNA Regulation of Vascular Senescence and Inflammation
Mark W. Feinberg, Brigham and Women’s Hospital/Harvard Medical School, Boston, MA, USA

Targeting Inflammation Resolution to Control Coronary Artery Disease
Janos G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

Mechanisms Responsible for Sex Differences in Atrial Fibrillation
Céline Fiset, Université de Montréal, Institut de Cardiologie de Montréal, Montréal, QC, Canada
Onco-Cardiology Data regarding Cancer Therapeutics-related Heart Failure using Big Data of Electronic Health Record in Japan
*Yoshihiro Fukumoto*, Kurume University School of Medicine, Japan

Pulsed Doppler Echocardiography: An Historical Perspective
*Julius M. Gardin*, Rutgers New Jersey Medical School, Newark, NJ, USA

POST-CABG neurological complication
*Sandro Gelsomino*, Maastricht University, The Netherlands

Hiding in Plain Sight: A Serum Biomarker for Cardiac Tissue Hypothyroidism?
*A. Martin Gerdes*, NYITCOM College of Osteopathic Medicine, Old Westbury, NY, USA

What the Lower Incidence and Later Onset in Women has taught us about the Pathogenesis and Prevention of Abdominal Aortic Aneurysm
*S. David Gertz*, The Hebrew University of Jerusalem, Jerusalem, Israel

Ablative Modification of the AV node for the Treatment of Atrial Fibrillation: Exploring the Value of an Old Technique
*J. Rod Gimbel*, Milwaukee, WI, USA

How Low Should We Go With LDL-C in High Risk Patients?
*Robert P. Giugliano*, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

Mechanical Support for RV Shock
*James A. Goldstein*, Beaumont Health System, William Beaumont Hospital, Royal Oak, MI, USA

Targeting Macrophage Liver X Receptor by Hydrogel-Encapsulated T317 Reduces Atherosclerosis Without Effect on Hepatic Lipogenesis
*Jihong Han*, Nankai University, Tianjin, China

Trends in Outcome for Patients Hospitalized with Heart Failure
*Paul A. Heidenreich*, Palo Alto VA Health Care System, Stanford University, Palo Alto, CA, USA

Aspirin in Primary Prevention: Needs Individual Judgments Not Guidelines
*Charles H. Hennekens*, Florida Atlantic University, Boca Raton, FL, USA

The Multilayer Flow Modulator Stent for the treatment of Peripheral and Visceral Aneurysms
*Michel Henry*, Bofferdange, Luxembourg

The Role of Echocardiography in HFpEF
*Brian D. Hoit*, Case Western Reserve University, Cleveland, OH, USA
Biomarkers of the Vulnerable Blood: The Novel Small Leucine-Rich Repeat Protein Podocan Predicts Major Adverse Cardiovascular Events in Patients with Coronary Artery Disease Independent of Framingham Cardiovascular Risk Factors in Synergy with Dickkopf-1

Randolph Hutter, Bassett Medical Center, Columbia University, New York, NY, USA

Advances in Cardiac Implantable Devices

James E. Ip, Weill Cornell Medicine, New York, NY, USA

Delivering Genes to the Heart

Kiyotake Ishikawa, Icahn School of Medicine at Mount Sinai, New York, NY, USA

The New OPTN Heart Allocation System: What Is It and How Is It Working?

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

Aging and Heart Failure: Role of Obesity. 2020 Update

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

Dual-Chamber Leadless Pacing. Is it Prime Time?

Werner Jung, Schwarzwald-Baar Klinikum Villingen-Schwenningen GmbH, Villingen-Schwenningen, Germany

Evaluation of Patient and Readmission Risk in Transcatheter Aortic Valve Replacement: Current Evidence

Ankur Kalra, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Akron, OH, USA

Is there a place for Surgical AVR in the era of TAVR?

Tsuyoshi Kaneko, Brigham and Women's Hospital, Boston, USA

Early Exercise Intervention Preserves Coronary and Cardiac Function in the Diabetic Heart Through Modulation of Cardiovascular-Enriched MicroRNA’s

Rajesh Katare, Otago School of Medical Sciences, Dunedin / Otepoti, New Zealand

Advanced Heart Failure Therapy and the Kidney; an Update for 2020

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

Data in Cardiology and Philosophy of Care: A Clinical Approach

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

What must be done to help Post-Marketing-Studies to Contribute to Drug Safety? An Exercise in Regulatory Science

Ulrich Keil, University of Munster, Munster, Germany
Yin Yang, Cell Selectivity and Intimal Thickening
**Levon Khachigian**, University of New South Wales, Sydney, NSW, Australia

Theranostic Strategy Targeted High-Risk Plaque as Assessed with IV-OCT/NIRF Dual Modal Imaging
**Jin Won Kim**, Korea University Medical School, Seoul, Republic of Korea

Strategies to Overcome Residual Risk During Statins Era
**Kwang Kon Koh**, Gachon University, Gil Hospital, Incheon, South Korea

Exercise and Sudden Cardiac Death; Is there a Pheidippides Syndrome?
**Peter Kokkinos**, Georgetown University School of Medicine, Washington, DC, USA

Glycobiology: Experimental Approaches in Treatment of Dislipidemia
**Tatyana Korolenko**, Institute of Physiology and Fundamental Medicine, Novosibirsk, West Siberia Russia

Considerations in the Management of Electrophysiologic Disturbances in Surgically or Percutaneously Treated Structural Heart Disease
**Ioanna Kosmidou**, New York Presbyterian Hospital/Columbia University Medical Center, New York, NY, USA

Spontaneous Coronary Artery Dissection: Are We Any Closer to Understanding the Cause?
**Jason C. Kovacic**, Icahn School of Medicine at Mount Sinai, New York, NY, USA

Optical Coherence Tomography in Coronary Atherosclerosis
**Takashi Kubo**, Wakayama Medical University, Wakayama, Japan

PDE5 Inhibition in Cardioprotection: From Basic Science to Clinical Trials
**Rakesh C. Kukreja**, Virginia Commonwealth University School of Medicine, Richmond Virginia, USA

Alternation of Coronary Microvascular Function by Hypertensive Myocardial Hypertrophy
**Lih Kuo**, Texas A&M University Health Science Center, Temple, TX, USA

In-Situ Myocardial Tissue Engineering Inspired by Matricellular Protein
**Jonathan Leor**, Sheba Medical Center, Tel Hashomer, Israel

Serine Proteases Inhibitors, Vascular Inflammation and The Microbiome
**Alexandra Rose Lucas**, Dignity Health Phoenix, Biodesign Institute / Arizona State University, Tempe, AZ, USA
New Regulators of Endothelial Exocytosis: Implications in Hemostasis and Thrombosis

Jincai Luo, Institute of Molecular Medicine, Peking University, Beijing, China

Adipocyte Dysfunction and Diabetic Heart Injury

Xin-Liang (Xin) Ma, Thomas Jefferson University, Philadelphia, USA

Modifying the Triggers of Cardiovascular Events: A New Horizon in Cardiovascular Prevention

Mohammad Madjid, University of Texas at Houston Health Science Center (UTHealth). TX, USA

Integrative Cardiology: Where do East and West meet?

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

Stop Daylight Saving Time, And Your (Biological) Clock Is Fine

Roberto Manfredini, University of Ferrara, Ferrara, Italy

Testosterone and the Heart

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

Minimally Invasive Catheter Ablation from the Perspective of Radiation Exposure Reduction

Takumi James Matsubara, The University of Tokyo, Japan

Therapeutic Angiogenesis in Cardiac Dysfunction

Nilanjana Maulik, University of Connecticut School of Medicine, Farmington, CT, USA

Psoriasis as a Human Model to Study Inflammatory Cardiometabolic Diseases

Nehal N. Mehta, National Heart, Lung and Blood Institute, Bethesda, MD, USA

Arrhythmogenic Cardiomyopathies: From Bench to Bedside

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

Novel Insights into the Failing Single Ventricle

Shelley Miyamoto, Children’s Hospital Colorado and University of Colorado Denver. Aurora, CO, USA

Mediterranean Diet and Omega-3 for Cardiovascular Disease Prevention

Samia Mora, Brigham and Women’s Hospital, Boston, MA, USA

Chronic Total Occlusion (CTO) Intervention. Why should we not do it?

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

Echocardiographic Evaluation of Left ventricular Diastolic Function

Sherif F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA
Creatinine as a Risk Factor for Post-Transplant Survival in the BTT Population
_Nandini Nair_, Texas Tech Health Sciences Center, Lubbock, TX, USA

Intestinal Genes Affecting Endotoxin Role in Systemic Inflammation and Atherogenesis
_Mohamad Navab_, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

Protective Role of the Adipokine Omentin In Cardiovascular Diseases
_Noriyuki Ouchi_, Nagoya University Graduate School of Medicine, Nagoya, Japan

Understanding Healthy Aging: Insights from the ATHLOS Project
_Demosthenes B. Panagiotakos_, Harokopio University, Athens, Greece

Genetic Mechanisms of Cardiac Hypertrophy and Fibrosis: Blockade by TGF-Beta 1 Receptor Antagonist
_Kailash N. Pandey_, Tulane University School of Medicine, New Orleans, LA, USA

Management of Post-operative Atrial Fibrillation
_Hakan Paydak_, University of Arkansas for Medical Science, Little Rock, AR, USA

Utility of Lung Ultrasound in Heart Failure
_Elke Platz_, Brigham and Women's Hospital, Boston, MA, USA

Does AGE-RAGE Stress Play a Role in the Pathophysiology of Pulmonary Hypertension and its Treatment?
_Kailash Prasad_, University of Saskatchewan, Saskatoon, SK, Canada

Insights into the Pathophysiology of Heart Failure with Preserved Ejection Fraction
_Simon W. Rabkin_, University of British Columbia, Vancouver Hospital, Vancouver, BC, Canada

TIEG1 is Upregulated in Lrp5/6-Mediated Valve Osteogenesis
_Nalini M. Rajamannan_, Mayo Clinic, Rochester, MN, USA

Nutraceuticals in the Prevention and Treatment of Atherosclerosis: Focus on Polyunsaturated Fatty Acids
_Dipak P. Ramji_, Cardiff School of Biosciences, Cardiff University, Cardiff, UK

The Rule of Myocardial Viability in Management of Coronary Artery Disease
_Somwail Rasla_, Memorial Hospital of Rhode Island, Brown University, RI, USA

Causes and of Diastolic Heart Failure
_Hanumanth K. Reddy_, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Inflammation and Atherosclerosis: What is Coming?
_Paul Ridker_, Harvard Medical School, Boston, MA, USA
Emerging Cholesterol Lowering Therapies Selected from Natural Randomization Studies: PCSK9 and Beyond  
_Robert S. Rosenson_, Mount Sinai Hospital, New York, NY, USA

Effects of Hypoxia on Mitochondrial Function in Heart Failure  
_Hani N. Sabbah_, Henry Ford Health System, Henry Ford Hospital, Detroit, MI, USA

Robotic PCI  
_Rajesh Sachdeva_, Emory School of Medicine, Atlanta, GA, USA

Diagnosis and Management of Pulmonary Hypertension in Congenital Heart Disease- Limitations and Solutions  
_Masood Sadiq_, The Institute of Child Health/ Children’s Hospital, Lahore. Pakistan

Is PCSK9 Inhibition a Potential Target to Reduce Cardiovascular Events in Patients with Familial Hypercholesterolemia?  
_Maria J. Sanz_, Universidad de Valencia, Valencia, Spain

Interplay of Different Cell Death Mechanisms in Explanted Human Heart  
_Tiziano M. Scarabelli_, St. John Hospital and Medical Center, USA

Coronary Microvascular Dysfunction: Clinical Considerations and Diagnosis  
_Thomas H. Schindler_, Washington University in St. Louis, St. Louis, MO, USA

ICD-Therapy for Primary Prevention of Sudden Cardiac Death. Is there still a clear Indication in 2020?  
_Karleinz Seidl_, Klinikum Ingolstadt GmbH, Amtsgericht Ingolstadt, Germany

Transcatheter Aortic Valve Replacement in Low Flow Low Gradient Aortic Stenosis: Current Status  
_Fayaz Shawl_, George Washington University, Takoma Park, MD, USA

Innate Immune Cells in Cardiovascular Diseases  
_Guo-Ping Shi_, Brigham and Women’s Hospital, Boston, USA

Chagas Cardiomyopathy in the United States  
_Jamshid Shirani_, Temple University School of Medicine, Philadelphia, PA, USA

Modulation of Lipid Metabolic Responses by IL-10 in I/R Injury  
_Pawan K. Singal_, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, Manitoba, Canada

Inflammation induces Muscle Dysfunction in Diabetic Mice  
_Dinender K. Singla_, University of Central Florida, Orlando, FL, USA
Inflammation and Atherosclerosis: New Insights
**Michael Simons**, Yale Cardiovascular Research Center, New Haven, CT, USA

Sleep Apnea, Arrhythmias, and Sudden Death
**Virend K. Somers**, Mayo Clinic Rochester, Rochester, MN, USA

Role of AKT and HDAC5 in Vasoactive Peptide–Induced Gene Transcription and Hypertrophy in VSMC
**Ashok K. Srivastava**, University of Montreal, Montreal, QC, Canada

LDL-C in East Asia; Errors in Epidemiology? or Errors in Measurement?
**Ki Chul Sung**, Kangbuk Samsung Hospital, School of Medicine, Sungkyunkwan University, Seoul, Korea

Inducibility of Ventricular Tachyarrhythmias by up to Two Extrastimuli does not Predict Future Cardiac Events in Asymptomatic Brugada Patients with Spontaneous or Fever-Induced Type 1 ECG
**Masahiko Takagi**, Kansai Medical University, Moriguchi, Japan

Coronary Microvascular Dysfunction
**Viviany R. Taqueti**, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

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

Management of Patients with Stable Ischemic Heart Disease: A Critical Appraisal of Recent Data and Its Impact on Patient Management
**Udho Thadani**, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, USA

Cardiovascular Imaging is Important for Evaluation of Cardiovascular Event Risk
**Takanobu Tomaru**, Toho University, Sakura Hospital, Japan

Functional Role of Changes in Protein Palmitoylation in Heart Disease
**Gea-Ny Tseng**, Virginia Commonwealth University, Richmond, VA, USA

Cardiac Recitation by Calpain Knock In
**Suresh C. Tyagi**, University of Louisville School of Medicine, Louisville, Kentucky, USA

Thrombogenic Blood may be a Key Factor for the Onset of Acute Myocardial Infarction
**Yasunori Ueda**, NHO Osaka National Hospital, Osaka, Japan

Optimizing Long-term Outcomes using Functional Testing during Coronary Intervention
**Barry F. Uretsky**, University of Arkansas for Medical Sciences, Little Rock, AR, USA
What is New in Hypertrophic Cardiomyopathy
Josef Veselka, Charles University, University Hospital Motol, Prague, Czech Republic

Cell Therapy for Nonischemic Dilated Cardiomyopathy
Bojan Vrtovec, Ljubljana University Medical Center, Ljubljana, Slovenia

Hypertension and Cardiovascular Multimorbidity in China: A Primary Care Perspective
Harry H.X. Wang, Sun Yat-Sen University, Guangzhou, China

Priming the Proteasome to Treat Heart Failure
Xuejun Wang, Sanford School of Medicine, University of South Dakota, Vermillion, SD, USA

Kv4.3 Inhibits Oxidative CaMKII Activation and Improves Cardiac Function in Heart Failure
Yanggan Wang, Zhongnan Hospital of Wuhan University, Wuhan, China

Status of Hypertension in China: Trends of Half Century
Zengwu Wang, Peking Union Medical College and Chinese Academy of Medical Sciences, Mentougou District, Beijing, China

Hemodynamic Correlates of Cardiovascular Damage Across the Full Adult Age Range: Lessons from Africa
Angela J. Woodiwiss, University of the Witwatersrand Medical School, Johannesburg, South Africa

Cardiodiabetology: Optimizing CVD Risk Reduction
Nathan D. Wong, University of California, Irvine, CA, USA

Cardio CT/MRT Up-Date: Imaging Ischemic Heart Disease
Norbert Wilke, University of Florida, Gainesville, FL, USA

Topical Neck Cooling Attenuates Myocardial Ischemia/Reperfusion Injury in Mice
Zequan Yang, University of Virginia, Charlottesville, VA, USA

Dilating Vascular Disease: A New Pathophysiological Aspect to Arterial and Venous Dilatations
Ertan Yetkin, Istinye University, Istanbul, Turkey

Studies into Mechanism of Transduction of Cardiac Targeting Peptide Identifies Increased Efficiency of Transduction Peptides
Maliha Zahid, University of Pittsburgh, Pittsburgh, PA, USA

Increased Vulnerability of Failing Hearts to Sympathetic Stimulation Induced Ventricular Tachyarrhythmia is Attenuated with Dantrolene Treatment
Youhua Zhang, New York Institute of Technology (NYIT) College of Osteopathic Medicine, Old Westbury, NY, USA