



INTERNATIONAL ACADEMY OF CARDIOLOGY  
**17th WORLD CONGRESS ON HEART DISEASE**  
ANNUAL SCIENTIFIC SESSIONS 2012  
TORONTO, ON, CANADA, JULY 27-30, 2012

**PRELIMINARY LIST OF SCIENTIFIC PRESENTATIONS**

**MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE**

**Cell Longevity Pathways Govern Vascular and Inflammatory Responses to Oxidant Stress**

*Kenneth Maiese*, New Jersey Medical School, Newark, NJ, USA

**Calpain-Mediated Dystrophin Disruption may be a Potential Structural Culprit Behind Chronic Doxorubicin-Induced Cardiomyopathy**

*Marcos A Rossi*, University of Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil

**Stem Cells and Vascular Disease**

*Qingbo Xu*, Kings College London, UK

**The Effects of Risk Factors on Endothelial Progenitor Cells in Cardiovascular Diseases**

*Shing-Jong Lin*, National Yang-Ming University and Taipei Veterans General Hospital, Taipei, Taiwan

**The Conundrum of Myocardial Regeneration**

*Werner Mohl*, Medizinische Universität Wien, Vienna, Austria

**MicroRNAs in Relation to Metabolic Syndrome and Cardiovascular Diseases**

*Paul Holvoet*, Katholieke Universiteit Leuven, Belgium

**Mitochondrial Fission and Fusion in Heart Disease**

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

**Regulation of Cell Death Pathways in the Heart**

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

**Redox Regulation of Autophagy in Heart**

*Dipak K. Das*, University of Connecticut School of Medicine Farmington, CT, USA

**Heart Regeneration Using iPS Cells**

*Keiichi Fukuda*, Tokyo, Japan

**Nanomedicine - The Clinician's Perspective**

*Israel Rubinstein*, University of Illinois College of Medicine, Chicago, IL, USA

**VASCULAR BIOLOGY**

**Gene Delivery to Regulate Vascular Smooth Muscle Function**

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

**Novel Ligands and Reactions Mediated by Oxidized LDL Receptor LOX-1**

*Tatsuya Sawamura*, National Cerebral and Cardiovascular Center Fujishirodai, Suita, Osaka, Japan

**Regulation of Myocardin Activity in Vascular Smooth Muscle**

*Xi-Long Zheng*, The University of Calgary, AL, Canada

**Carbamylation Versus Oxidation of LDL: Competition, Mechanisms and Role in Cardiovascular Disease**

*Alexei G. Basnakian*, University of Arkansas for Medical Sciences, Little Rock, AR, USA

**ACE2 as a Novel Target for CVD**

*Mohan K. Raizada*, University of Florida, Gainesville, FL, USA

**A GLIMPSE TO THE FUTURE – GENETICS OF HEART DISEASE**

**Genetics of Coronary Artery Disease**

*Robert Roberts*, University of Ottawa Heart Institute, ON, Canada

**Family Based Studies of the Genetics of Congenital Heart Defects**

*Neil E. Bowles*, University of Utah School of Medicine, Eccles Institute of Human Genetics, Salt Lake City, UT, USA

**miRNAs, DNA Variants and Heart Failure**

*Jennifer L. Hall*, Lilliehei Heart Institute, University of Minnesota, Minneapolis, MN, USA

**Multidisciplinary Approach to Genome-Wide Association Study (GWAS) for Heart Failure Based on the Different Ethnicity**

*Teruhiko Toyo-Oka*, University of Tokyo, Japan

**Cardiac Hypertrophy and Remodeling in NPR1-Gene-Disrupted Mice: Role of Pro-Inflammatory Cytokines**

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

**Cardiovascular Contributions to Neurological Disease**

*Yuqing Li*, College of Medicine University of Florida, Gainesville, FL, USA

**Genetic Factors Influencing Left Ventricular Hypertrophy**

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

**Impact of Beta-Adrenergic Receptor Polymorphism on Non-Invasive CAD Testing**

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

**Critical Regulatory Roles of TGFbeta/BMP Signaling Pathways during Myocardial Wall Development**

*Kai Jiao*, The University of Alabama at Birmingham, AL, USA

**PLATELETS AND INFLAMMATION IN ISCHEMIC HEART DISEASE**

**Platelet Function and Clinical Ischemic Outcomes**

*Lewis C. Becker*, Johns Hopkins University School of Medicine, Baltimore, MD, USA

**C-reactive Protein-Mediated Endothelial Dysfunction and Acute Coronary Artery Disease**

*Janos G. Filep*, University of Montreal, QC, Canada

**Inflammation and Acute Coronary Syndrome: Mechanistic Role and Clinical Implications**

*Thomas F. Luscher*, University Hospital Zurich, Switzerland

**C-Reactive Protein and Coronary Vasomotor Regulation**  
*Lih Kuo*, Texas A&M Health Science Center, Temple, TX, USA

**Cigarette Smoke Induces Fractalkine-Dependent Mononuclear Cell Arrest to the Arterial Endothelium. Potential consequences in COPD**  
*Maria J. Sanz*, Universidad de Valencia, Spain

**Immunizations and Acute Coronary Syndromes: Is there a Role?**  
*Maliha Zahid*, University of Pittsburgh, Pittsburgh, PA, USA

**Coronary Plaque Erosion and Myeloperoxidase: Insight from a Clinicopathological Study**  
*Giampaolo Niccoli*, Catholic University of the Sacred Heart, Rome, Italy

## **NOVEL CARDIOPROTECTIVE THERAPIES**

**Early Insulin Treatment Ameliorates Post-Ischemic Heart Failure by Inhibition of Myocardial CaMKII via PI3K-Akt Activation**  
*Feng Gao*, The Fourth Military Medical University, Xi'an, China

**The role of MyD88 in the anti-apoptotic effects of Interleukin-10**  
*Pawan K. Singal*, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada

**Augmentation of the Cardiac Effects of GLP-1 Receptor Agonists and DPP-4 Inhibitors with Cilostazol**  
*Yochai Birnbaum*, Baylor College of Medicine, Houston, TX, USA

**CETP Modulation as a Therapeutic Approach**  
*Wolfgang Koenig*, Internal Medicine II-Cardiology University of Ulm Medical Center, Germany

**Molecular Mechanism of AMP Activated Protein Kinase and Metformin in Protecting Ventricular Function**  
*Yingjie Chen*, University of Minnesota, Minneapolis, MN, USA

**Therapeutic Potential of Tissue Inhibitor of Metalloproteinases >(TIMPs) in Heart Disease**  
*Zamaneh Kassiri*, University of Alberta, Edmonton, AB, Canada

**Tricyclic Psychiatric Antidepressants as Alpha2a Adrenergic Receptor Ligands Modulating Receptor Function**  
*Qin Wang*, University of Alabama at Birmingham, AL, USA

## **EMERGING MOLECULAR PARADIGMS IN MYOCARDIAL ISCHEMIA, INFARCTION AND REMODELING**

**Lineage Markers in Tracking Cardiac Fibroblast Fate in Vivo and In Vitro**  
*Carlin S. Long*, University of Colorado Health Sciences Center, Denver, CO, USA

**p90RSK Inhibits CHIP Ubiquitin E3 Ligase Activity via ERK5, and Promotes Cardiac Apoptosis and Dysfunction after Myocardial Infarction in Diabetes.**  
*Jun-ichi Abe*, University of Rochester School of Medicine and Dentistry, Rochester, NY, USA

**Negative Regulation of Toll Like Receptor (TLR)/Interleukin-1 (IL-1) Signaling in Cardiac Repair**  
*Nikolaos Frangogiannis*, Albert Einstein College of Medicine, Bronx, NY, USA

**microRNA Inhibits Cardiac Remodeling in the Infarcted Myocardium**

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

**Role of Autophagy in the Human Heart Exposed to Iatrogenic Ischemia/Reperfusion Injury**

*Tiziano M. Scarabelli*, Wayne State University School of Medicine, Detroit, MI, USA

**CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION**

**Progress in Echocardiography**

*Navin C. Nanda*, University of Alabama at Birmingham, Birmingham, AL, USA

**3D Echo in Clinical Practice**

*Smadar Kort*, Stony Brook University Medical Center Health Sciences, Stony Brook, NY, USA

**3-D TEE for the Mitral Valve**

*Stamatios Lerakis*, Emory University Hospital, Atlanta, GA, USA

**Valvular Heart Disease: Can MRI Trump the Echocardiogram?**

*Robert W.W. Biederman*, University Allegheny General Hospital, Pittsburgh, PA, USA

**Novel Echocardiographic Indices of Left Ventricular Diastolic Function**

*Sherif F. Nagueh*, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

**Stress Echocardiography. Diagnosis, Prognosis and Recent Advances**

*Abdou Elhendy*, Marshfield, WI, USA

**Review of Movahed's Sign (D shaped left ventricle seen on gated SPECT) Suggestive of Right Ventricular Overload**

*Mohammad-Reza Movahed*, University of Arizona Sarver Heart Center, Tucson, AZ, USA

**Usefulness of OCT in Clinical Practice**

*Takashi Akasaka*, Wakayama Medical University, Japan

**Cardiac CT: Beyond coronary imaging**

*Milind Y. Desai*, Cleveland Clinic, OH, USA

**IMAGING ATHEROSCLEROSIS AND DIAGNOSIS OF CAD**

**Vulnerable Plaque and Vulnerable Patient: Insights from IVUS and OCT**

*Hiroyuki Okura*, Kawasaki Medical School, Kurashiki, Japan

**Non-Invasive Ultrasound Evaluation of Subclinical Atherosclerosis: Progress and Pitfalls**

*Julius M. Gardin*, Hackensack University Medical Center, Hackensack, NJ, USA

**Early Identification of Subclinical Atherosclerosis: The Most Effective Way to Reduce Significantly the Incidence of Coronary Artery Disease**

*Shorena Chumburidze*, Scientific Research Clinic of Therapy, Tbilisi, Georgia

**Blood Flow Dynamics and the Atherosclerotic Plaque**

*Stephanie Lehoux*, Lady Davis Institute for Medical Research McGill University, Montreal, Canada

**Evaluation of Chest Pain in the Emergency Department: A Patient-Centered Imaging Approach**

**John J. Mahmarian**, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

**Cardiac CT - Diagnosis and Prognosis**

**Benjamin J.W. Chow**, University of Ottawa Heart Institute, Ottawa, ON, Canada

**A Novel Application of Exercise Treadmill Testing in a Cardiology Practice**

**Yzhar Charuzi**, UCLA School of Medicine, Los Angeles, CA, USA

**Diagnostic Accuracy of Exercise Echocardiography**

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

**HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS**

**International Clinical Trials: Good for the New World Bad for the Third World**

**Sidney Goldstein**, Henry Ford Hospital, Detroit, MI, USA

**Aging and Heart Failure**

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

**Steps to Prevent Heart Failure**

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

**Baroreflex Stimulation for the Treatment of Heart Failure**

**Hani N. Sabbah**, Henry Ford Hospital, Detroit, MI USA

**Novel Hemodynamic Risk Factors for New - Onset Heart Failure in the General Population**

**Julio A. Chirinos**, University of Pennsylvania School of Medicine Philadelphia, PA, USA

**Management of Patient with Advanced Heart Failure**

**Maria Vittoria H. Pitzalis**, East Carolina University, The Brody School of Medicine, Greenville, NC, USA

**Blood Urea Nitrogen: An Emerging Biomarker for Neurohormonal Activation in Heart Failure**

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

**Cardiorenal Syndromes: New Diagnostic and Therapeutic Targets**

**Peter A. McCullough**, St. John Providence Health System, Providence Park Heart Institute, Novi, MI, USA

**Aldosterone Antagonists in Heart Failure: Clinical Settings and Timing"or Alternatively "Acute Heart Failure Syndromes: Currents Trends in Classification and Management**

**Chris Adamopoulos**, Greece

**Diet for the Prevention and Management of Heart Failure**

**Christina Chrysohoou**, First Cardiology Clinic, Hippokraton Hospital, School of Medicine, University of Athens, Greece

**Increased Renal ENaC Subunits and Sodium Retention in Rats with Chronic Heart Failure**

**Hong Zheng**, University of Nebraska Medical Center, Omaha, NE, USA

## **NEW INSIGHTS INTO THE PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES**

**Mechanisms of Cardiac Dysfunction in Diabetic Cardiomyopathy**

**Naranjan S. Dhalla**, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada

**Peripartum Cardiomyopathy: Etiology, Diagnosis, Prognosis and Management**

**Uri Elkayam**, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA

**Aptamers for Binding and Neutralization of Pathogenic Autoantibodies Directed to the Beta1-Receptor and Found in Patients with Cardiomyopathy. Is there a New Treatment Option?**

**Ingolf Schimke**, Charité - Universitätsmedizin Berlin, Medizinische Klinik (Kardiologie), Berlin, Germany

**Cardiotoxicity of Cancer Therapy**

**Jennifer Liu**, Memorial Sloan Kettering Cancer Center, New York, NY, USA

**Mechanisms of LVOT Obstruction in Hypertrophic Cardiomyopathy: New Mechanistic Insights from 3-Dimensional Echocardiography**

**Jae-Kwan Song**, Asan Medical Center, Seoul, South Korea

**Alcohol Septal Ablation vs. Septal Myectomy for HOCM: When to do Which**

**Michael A. Fifer**, Massachusetts General Hospital, Boston, MA, USA

**Iron-overload Cardiomyopathy: Pathophysiology, Diagnosis, and Treatment**

**Gavin Y. Oudit**, Mackenzie Health Sciences Centre Edmonton, Alberta, Canada

**Prevention of Heart Failure 2012: Epidemiologic Perspectives**

**Andreas P. Kalogeropoulos**, Emory Clinical Cardiovascular Research Institute Emory University, Atlanta, GA, USA

**The Degradation System in Cardiomyocytes**

**Osamu Yamaguchi**, Osaka University Graduate School of Medicine, Japan

## **CARDIAC ELECTROPHYSIOLOGY AND DEVICES – 2012 UPDATES**

**Cardiac Arrhythmias in the Elderly-Management Issues**

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

**New Insights into Identification of Patients at Risk for Sudden Cardiac Death**

**Michael E. Cain**, University at Buffalo, Buffalo, NY, USA

**Is Cardiac Resynchronization Therapy Proarrhythmic?**

**Anne Curtis**, University of Buffalo, Buffalo, NY, USA

**Do RV Apical Pacing Should be Avoided?**

**I. Eli Ovshysher**, Ben-Gurion University, Soroka University Medical Center, Beer Sheva, Israel

**Novel Technologies for Atrial Fibrillation Diagnosis and Interventional Treatment**

**Andreas Bollmann**, University Leipzig, Germany

## **ARRYTHMOGENIC CARDIOMYOPATHIES**

### **The Prevalence and Prognostic Significance of Early Repolarization (J wave) in Brugada syndrome**

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

### **Arrhythmogenic Right Ventricular Cardiomyopathy: Disease of the Desmosome with Multiple Clinical Presentations**

**Firat Duru**, University Hospital of Zurich, Switzerland

### **Heart Failure and AICD'S: Time to go beyond the Initial Shock**

**Juan M. Aranda**, University of Florida College of Medicine, Gainesville, FL, USA

### **Diagnostic Significance of Tc-99m-Pyp Radionuclide Myocardial Scintigraphy, Evaluating Possible Presence, Severity of Sarcoid Cardiomyopathy and Sudden Cardiac Death Risk Prevention in 178 Systemic Sarcoidosis Patients Studied**

**Nestor I. Angomachalelis**, Aristotle University School of Medicine, Thessaloniki, Greece

## **ATRIAL FIBRILLATION – NEW RISK FACTORS AND THERAPIES**

### **Metabolic Syndrome and Dyslipidemia as Risk Factors for Atrial Fibrillation**

**Hiroshi Watanabe**, Niigata University Graduate School of Medical & Dental, Japan

### **Genotype-Based Atrial Fibrillation Therapies**

**Daniela Husser**, University Leipzig Heart Center, Germany

### **Cryoablation of Atrial Fibrillation: Is it ready for Primetime?**

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

### **Atrial Fibrillation Ablation using Anatomically Designed Catheters and Under Direct Vision**

**Thomas Deneke**, University of Bochum, Germany

### **New Anticoagulants in Atrial Fibrillation. Are all the Same?**

**Antoni Martinez-Rubio**, Hospital de Sabadell, Barcelona, Spain

### **Anticoagulation and Atrial Fibrillation. Antithrombotics State of the Art**

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

## **HYPERTENSION: FROM GENETICS TO RECENT ADVANCES IN THERAPY**

### **Emerging Molecular Mechanisms of Pulmonary Arterial Hypertension: Are we Closer to a Cure?**

**Duncan J. Stewart**, Ottawa Health Research Institute, The Ottawa Hospital, ON, Canada

### **Recent Advances in the Therapy of Pulmonary Arterial Hypertension**

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

### **Role of Echocardiography in Pulmonary Arterial Hypertension. From Diagnosis to Prognosis**

**Eduardo Bossone**, Cava de Tirreni & Amalfi Coast Hospital, Italy



### **Hypertension in Elderly**

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

### **Blood Pressure Targets for Patients with Coronary Artery Disease: is Lower Better?**

**Clive Rosendorff**, Mount Sinai School of Medicine, New York, NY and James J. Peters VA Medical Center, Bronx, NY, USA

### **How Important is the Recognition of White-Coat Hypertension and Masked Hypertension for the Appropriate Treatment of the Diabetic and other High-Risk Patients with Cardiovascular Disease?**

**Stanley S. Franklin**, University of California, Irvine, CA, USA

### **Sleep -Time Blood Pressure as a Therapeutic Target for Cardiovascular Risk Reduction**

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

### **Renal Denervation - State of the Art**

**Horst Sievert**, Cardiovascular Center Frankfurt Sankt Katharinen, Frankfurt, Germany

### **Prehypertension: Not a Benign Vascular Condition**

**Christopher DeSouza**, University of Colorado, Boulder, CO, USA

### **My Patient Cannot Stand Up: What to do about Orthostatic Hypotension**

**Satish R. Raj**, Vanderbilt University School of Medicine, Nashville TN USA

## **OBESITY, METABOLIC SYNDROME AND DIABETES**

### **The Obesity Paradox and Cardiovascular Disease**

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

### **The Burden of Diabetes**

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

### **Endothelial Dysfunction in Hypertension, Diabetes and Obesity**

**Tadeusz Malinski**, Chemistry and Biochemistry Ohio University, Athens, OH, USA

### **Screening for Atherosclerosis in Metabolic Syndrome and Diabetes?**

**Nathan D. Wong**, Division of Card University of California, Irvine, CA, USA

### **Cardiovascular Disease Prevention in Patients with Diabetes**

**Gordon L. Fung**, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

### **Refining Risk Assessment in Diabetic Dyslipidemia after Achieving LDL-C Goal**

**Om P. Ganda**, Harvard Medical School, Boston, MA, USA

### **Genetic Risk Factors for Cardiovascular Disease in Type 2 Diabetes**

**Lu Qi**, Harvard School of Public Health, Boston, MA, USA



## **DIET, LIFESTYLE AND CARDIOVASCULAR DISEASE**

### **Cardiovascular Prevention - A Global Problem**

**Ulrich Keil**, University of Muenster, Germany

### **Molecular Mechanisms of the Beneficial Cardiovascular Effects of Trans-Resveratrol**

**Ulrich Forstermann**, Johannes Gutenberg University Medical Center Obere Zahlbacher Strasse, Mainz, Germany

### **Vitamin D and CVD**

**Vera Bittner**, University of Alabama at Birmingham, AL, USA

### **Coffee Drinking and Risk of Stroke**

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

### **Multivitamins and other Supplements for the Prevention of Cardiovascular Disease: Hope or Hype?**

**Howard D. Sesso**, Brigham and Women's Hospital, Boston, MA, USA

### **Diet and Secondary Prevention of Cardiovascular Disease: The Current Level of Evidence**

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

### **Lifestyle Factors and the Risk of Cardiovascular Disease**

**Gang Hu**, Pennington Biomedical Research Center, Baton Rouge, LA, USA

### **Smoking Cessation...and What Role for the Cardiologist?**

**Sandeep Gupta**, Whipps Cross and St. Bartholomew's Hospitals, Leytonstone, UK

## **PATHOPHYSIOLOGY OF CARDIOVASCULAR DISEASE – RISK FACTORS AND PREVENTION**

### **Diurnal Rhythms and the Pathogenesis of Cardiovascular Disease**

**Michael J. Sole**, University of Toronto, Toronto, ON, USA

### **Intestinal Lipid Mediators, Systemic Inflammation and Cardiovascular Disorders**

**Mohamad Navab**, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

### **Coronary and Aortic Calcium in Predicting Cardiovascular Events and Mortality**

**Michael H. Criqui**, University of California San Diego, La Jolla, CA, USA

### **Oxytocin – An Antiobesity and Cardioprotective Molecule**

**Daniela Jezova**, Institute of Experimental Endocrinology, Bratislava, Slovakia

### **Psychosocial Risks, Mental Stress Induced LV Dysfunction, and CHD (Coronary Heart Disease) Outcome?**

**Wei Jiang**, Duke University Medical Center, Durham, NC, USA

### **Statins for the Primary Prevention of CVD in Women**

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

### **Acute Respiratory Infections as Triggers for Cardiovascular Events**

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

### **From Surrogate Biomarkers to Detection of Atherosclerosis: Are We Ready for a Paradigm Shift in Primary CVD Prevention Strategies?**

**Khurram Nasir**, Yale University, New Haven, CT, USA

## **CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROME**

**What is Considered to be the Optimal Treatment for Stable Angina in the Year 2012?**

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

**Can Vulnerable Plaque be Identified and Treated to Prevent Future Adverse CV Events?**

**John Ambrose**, UCSF, Fresno, CA, USA

**Robotic Assisted PCI: Results of the Precise Trial Using the Corpath, Remote Delivery System**

**George W. Vetrovec**, VCU Pauley Heart Center, Richmond, VA, USA

**Filling in the Gaps in the Treatment of Left Main Disease**

**Barry Uretsky**, University of Arkansas, Little Rock, AR, USA

**Atherosclerosis as A Cause of Very Late Stent Thrombosis**

**Yasunori Ueda**, Osaka Police Hospital, Tennoj-ku, Osaka, Japan

**Attributes of Statins in Reduction of Post-PCI Restenosis**

**Kailash Prasad**, Saskatchewan Saskatoon, SK, Canada

**Antiplatelet Therapy in ACS: An Update in Personalized Medicine**

**Jean-Francois Tanguay**, Montreal Heart Institute, Montreal, Canada

**Current Status of the use of IABP in Patients Undergoing Primary PCI for Cardiogenic Shock**

**Uwe Zeymer**, Herzzentrum Ludwigshafen, Germany

**Embolic Protection in STEMI: When and How?**

**Edo Kaluski**, Cardiac Catheterization Laboratories University Hospital, Newark, NJ, USA

## **PATHOGENESIS, DIAGNOSES AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE**

**There is an Effective Medical Treatment for Thoracic Aortic Aneurysm**

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

**The 2010 Aortic Guideline: What do they say and why?**

**Angela T. Yetman**, University of Utah, Salt Lake City, UT, USA

**Aortic Root and Ascending Aortic Pathologies: Indications for Operation and Surgical Options**

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

**Acute Aortic Diseases: Temporal Patterns of Onset and Clinical Outcome**

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

**Coronary Artery, Cerebral Artery, and Abdominal Aortic Aneurysms: Similarities in Pathogenesis and Implications for Treatment**

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

**Prediction of Prognosis by Vascular Imagings in Pripheal Aretry Didease after Endovascular Treatment**

*Takanobu Tomaru*, Toho University Sakura Hospital, Japan

**A Novel Role of IgE in Abdominal aortic Aneurysms**

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

**An Update on Endovascular Treatment of Peripheral Arterial Disease**

*Subhash Banerjee*, VA North Texas Healthcare System, Dallas, TX, USA

**A New Concept of Stent: The Multilayer Flow Modulator: First Human Study in Arterial Aneurysms (AAA, TAAA...)**

*Michel Henry*, Cabinet de Cardiologie, Nancy Cedex, France

**VALVULAR AND CONGENITAL HEART DISEASE**

**The Impact of Hypertension and its Treatment in Heart Valve Disease**

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

**PCI and TAVR Performance Measures: Onsite Versus Offsite Monitoring**

*William J. Bommer*, University of California Davis, Medical Center, CA, USA

**Intervention in Adult Congenital Heart Disease especially Device Closure of ASD and Hypertensive Large PDA and Stenting in Coarctation of the Aorta**

*Masood Sadiq*, Punjab Institute of Cardiology, Lahore, Pakistan

**Advances in Management of Valvular Heart Disease in the Elderly**

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

**Prosthetic Valve Thrombosis: Understanding the Guidelines**

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

**Anticoagulation in Pregnant Women with Posthetic Valves**

*Sorel Goland*, Kaplan Hospital, Rehovot, Israel

**ADVANCES IN CARDIOVASCULAR SURGERY, CORONARY REVASCULARIZATION AND HEART TRANSPLANTATION**

**Antibody Mediated Rejection in Heart Transplantation - A Clinician's Perspective**

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

**Role of CMV in Cardiac Allograft Vasculopathy**

*Nandini Nair*, Texas A&M HSC College of Medicine, Temple, TX, USA

**Management of Acute Myocardial Infarction Complicated by Cardiogenic Shock in 2012: Have we Reached the Limit?**

*Vladimir Dzavik*, University of Toronto, University Health Network, Toronto, ON, USA

**The Complicated STEMI: What to do with Multivessel Disease**

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

**Management of Early Postoperative Coronary Bypass Graft Failure**

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

**Diabetes and Multivessel CAD: The Freedom Trial**

*Michael Farkouh*, Toronto General Hospital, ON, Canada

**Hybrid Coronary Revascularization... Is it the Future of Coronary Revascularization (or) a Mere Flash in the Pan?**

**V.S. Srinivas**, Jack D. Weiler Hospital of Montefiore Medical Center, Bronx, NY, USA

**Off-Pump Coronary Artery Bypass Grafting: the Myth, the Reality**

**Shahzad G. Raja**, Harefield Hospital, London, UK

**Coronary Artery Perforation-the Bane of an Interventional Cardiologist**

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