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

Carbamylolation 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, Lillehei 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

*Stamatis 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  
Yzar 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  
Bodhi 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, Hippokration 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 Ovsyshcher, Ben-Gurion University, Soroka University Medical Center, Beer Sheva, Israel

Novel Technologies for Atrial Fibrillation Diagnosis and Interventional Treatment
Andreas Bollmann, University Leipzig, Germany
ARYRTHMOGENIC 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 Khoynezhad_, 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 Vacular Imagings in Pripheral 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 Modulater: 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