PRELIMINARY LIST OF SCIENTIFIC PRESENTATIONS

CELL DEATH AND TISSUE REGENERATION IN HEART FAILURE

Extending Vascular Longevity through Sirtuin Mediated Signaling
Kenneth Maiese, University of Medicine & Dentistry of New Jersey, New Jersey Medical School, Newark, NJ, USA

Novel Alternative Splicing of Death Gene BNIP3 Promotes Cell Survival of Post-Natal Ventricular Myocytes
Lorrie A. Kirshenbaum, Research Development Institute of Cardiovascular Sciences, St. Boniface General Hospital Research Centre, Winnipeg, MB, Canada

Towards a Unified Model of Cell Death and its Role in Human Disease
Richard N. Kitsis, Albert Einstein College of Medicine, Bronx, NY, USA

The ATOS Trial, Regenerative Potential in Heart Failure Patients: Theoretical Background, Experimental Results
Werner Mohl, Medizinische Universität Wien, Austria

Occurrence of Autophagy and Bridging of the Autophagic Process to Apoptotic and Necrotic Cell Death in the Human Heart with End-stage Heart Failure
Tiziano M. Scarabelli, FTA of Internal Medicine and Pharmacology Wayne State University School of Medicine, Detroit, MI, USA

Induced Pluripotent Stem Cells in Cardiac Regeneration
Dinender K. Singla, University of Central Florida, Orlando, FL, USA

The Role of Cardiomyocyte Apoptosis in the Pathogenesis of Cardiac Remodeling
Shungo Hikoso, Osaka University Graduate School of Medicine, Suita, Japan

GENES, GENETICS AND GENOMICS - FRIENDS AND FOES

Clinical Application of Genetic and Molecular Medicine in Acute Coronary Syndrome
Lewis C. Becker, Johns Hopkins University School of Medicine, Baltimore, MD, USA

NPR1 Gene Provides the Protective Mechanisms in Cardiovascular Events
Kailash N. Pandey, Tulane University School of Medicine, New Orleans, LA, USA

Genetics of CAD - Where Do We Stand?
Muredach P. Reilly, University of Pennsylvania Medical Center, Philadelphia, PA, USA

Genomic Analysis of the Failing Human Heart
Jennifer L. Hall, Heart Institute University of Minnesota, MN, USA

Regulation of Contractility of Human Vascular Smooth Muscle Cells by Microrna-1 and Myocardin
Xi-Long Zheng, The University of Calgary, Calgary, AB, Canada

Regulation of the Independent Cardiovascular Risk Factor ADMA: Lesson from Multiple DDAH1 Gene Deficient Mouse Strains
Yingjie Chen, University of Minnesota, Minneapolis, MN, USA
CARDIAC REMODELING IN HEART FAILURE

Mechanisms of Gender Differences in Cardiac Remodeling in Congestive Heart Failure

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

Getting there is Half the Fun: Cytokine Modulation of Cardiac Fibroblast Migration

*Carlin S. Long*, University of Colorado and Denver Health Medical Center, Denver, CO, USA

Endothelial Myocyte Matrix in Cardiac Remodeling

*Suresh C. Tyagi*, University of Louisville School of Medicine, Louisville, KY, USA

Adverse Cardiac Remodeling in Postnatal Life Due to Undernutrition in Utero

*Paramjit S. Tappia*, University of Manitoba, Canada

Evaluation of Ventricular Remodeling with Cardiac MRI

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

AN INTEGRATED VIEW ON OXIDATIVE STRESS AND INFLAMMATION IN CARDIOVASCULAR DISEASES

Microrna in the Regulation of Oxidative Stress and Inflammation Associated with CAD

*Paul Holvoet*, Katholieke Universiteit Leuven, Belgium

The Impact of Inflammation and Oxidative Stress in Development of No-Reflow in Patients Undergoing Primary Percutaneous Coronary Intervention

*Turgay Celik*, Gulhane School of Medicine, Etilik, Ankara, Turkey

Nonsteroidal Anti-Inflammatory Drugs and Cardiovascular Risk: A 2011 Update

*Michael Farkouh*, University of Toronto School of Medicine Toronto, ON, Canada

Adiposity-Related Inflammation and Cardiac Structure and Function

*Matthew Allison*, University of California San Diego, La Jolla, CA, USA

Association between Pneumococcal Vaccination and Acute Coronary Syndromes: Real or Not?

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

Two-Dimensional Intravascular Near-Infrared Fluorescence Molecular Imaging

*M.A. Calfon*, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

Why do hERG Channels Activate Slowly? Fluorescence Spectroscopy and Gating Current Measurements Shed new Light on Voltage Sensor-Pore Coupling

*D. Fedida*, University of British Columbia, Vancouver, BC, Canada

Molecular Correlates of Ectopic Activity in Patients with Atrial Fibrillation

*Dobromir Dobrev*, Medical Faculty Mannheim, University of Heidelberg, Mannheim, Germany

Hypoxia-Induced Inhibition of Angiogenesis - The Role of RGC-32

*Jian Li*, BIDMC/ Harvard Medical School, Boston, MA, USA

PI3K Signaling and Heart Disease

*Gavin Y. Oudit*, University of Alberta, Edmonton, Canada
METABOLISM AND ENERGETICS OF THE FAILING HEART

Mitochondrial Abnormalities in the Failing Heart: A Potential Target for Therapy
Hani N. Sabbah, Henry Ford Heart & Vascular Institute, Detroit, MI, USA

Biology of Aging and Heart Failure Management
Bodh I. Jugdutt, University of Alberta and Hospitals, Edmonton, Canada

Finding New Targets for Heart Failure: Protease Activated Receptors
Burns C. Blaxall, University of Rochester Medical Center, Rochester, NY, USA

Heart Rate - What Role in CHD Management in 2011?
Sandeep Gupta, Whipps Cross and St. Bartholomew's Hospitals, Leytonstone, UK

PATHOGENESIS OF ATHEROSCLEROSIS

Hemodynamic Forces in the Pathogenesis of Abdominal Aortic Aneurysm
S. David Gertz, Hebrew University Hadassah Medical School, Jerusalem, Israel

The Pivotal Role of Endothelial Dysfunction in Cardiovascular Diseases – A Nanomedical Approach
Tadeusz Malinski, Ohio University, Athens, OH, USA

Nanomedicine - A Nascent Clinical Discipline
Israel Rubinstein, University of Illinois, Chicago, IL, USA

Associations of Modified LDLS with Atherosclerosis and Cardiovascular Disease in Patients with End-Stage Kidney Disease
Alexei G. Basnakian, University of Arkansas for Medical Sciences Department of Pharmacology & Toxicology, USA

NOVEL THERAPEUTIC TARGETS IN ATHEROSCLEROSIS

Angiogenesis in Atherosclerosis: Mechanism, Role and Therapeutic Implication
Jawahar L. Mehta, Molecular Cardiology University of Arkansas for Medical Sciences, Little Rock, AR, USA

Targeting Amp-Activated Protein Kinase as a Therapy for Atherosclerosis
Ming-Hui Zou, Diabetes Research University of Oklahoma Health Science Center, Oklahoma City, OK, USA

Glycemia Dependent and Independent Cardioprotection by Insulin in Canine Myocardial Ischemia/Reperfusion
Feng Gao, Xijing Hospital, Fourth Military Medical University, China

Novel Role of Immunoglobulin E in Atherosclerosis
Guo-Ping Shi, Brigham and Women's Hospital, Boston, MA, USA

Understanding the Relationship between Shear Stress, Angiotensin and Atherosclerotic Plaque
Stephanie Lehoux, McGill University, Montreal, QC, Canada
CORONARY MICROCIRCULATION

Regulation of Coronary Vasomotor Function by Oxidative Stress
Lih Kuo, Texas A&M Health Science Center, Temple, TX, USA

Future Medicine, System Biology, and Microcirculation
Mohamad Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

Tips, Tricks and Pitfalls in Acute Percutaneous Coronary Interventions
Deepak Jain, University Clinic Schleswig-Holstein, Lubeck, Germany

Mechanisms Underlying Anti-Ischemic Effects of New Anti-Anginal Drugs
Francesco Fedele, Universita’ Degli Studi Di Roma "La Sapienza", Rome, Italy

Reduced Microvascular Density in Non-Ischemic Myocardium of Patients with Recent Non-ST-Segment Myocardial Infarction
Duncan J. Campbell, St. Vincent’s Institute of Medical Research, Fitzroy, Victoria, Australia

THE ROLE OF BIOMARKERS IN DIAGNOSES AND PREDICTION OF CARDIOVASCULAR DISEASES

Multiparametric Approach to the Analysis of the Neurohumoral Status in Heart Failure
(Possible Meaning and Clinical Use of Interaction among the Markers)
Sergio Dalla-Volta, University of Padova Medical School, Padova, Italy

Imaging Biomarkers to Track Atherosclerosis in Familial Hypercholesterolemia
Raul D. Santos, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Interleucin - 6: A Strong Predictor of Coronary Atherosclerosis Extent and Severity
Spyridon N. Koulouris, Evangelismos Hospital, Athens, Greece

Cardiovascular Significance of the Natriuretic Peptide System
Ichiro Kishimoto, National Cerebral and Cardiovascular Center, Suita City, Osaka

ADVANCED DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Detection of Hibernating Myocardium in Systolic Heart Failure
Kanu Chatterjee, University of Iowa, Coralville, IA, USA

Assessment of Cardiac Iron Overload by Magnetic Resonance Imaging
Rungroj Krittayaphong, Siriraj Hospital, Mahidol University, Bangkok, Thailand

Vector-Velocity Imaging in Rodents
Brian D. Hoit, Case Western Reserve University, Cleveland, OH, USA

New Options in Noninvasive Assessment of Left Ventricular Torsion
Jonathan N. Bella, Bronx -Lebanon Hospital Center, NY, USA

X-Ray Fused with MRI for Delivery of Stem Cells to the Pericardial Sac.
Dara L. Kraitchman, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Advance Applications of Cardiovascular MRI: Focus on Contrast Imaging of the Myocardium
Robert W. Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

Emerging Noninvasive Methods for Assessment of Myocardial Viscoelasticity
Cristina Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA
ATHEROSCLEROSIS IMAGING IN PRIMARY DETECTION AND PREVENTION OF CORONARY EVENTS

Clinical Role of Atherosclerosis Imaging in Preventing CHD Events
Daniel S. Berman, Cedars Sinai Medical Center, Los Angeles, CA, USA

Imaging Subclinical Atherosclerosis
Julius M. Gardin, Hackensack University Medical Center, Detroit, MI, USA

Imaging for Prevention: What is the Role in Cardiovascular Risk Assessment?
Nathan D. Wong, University of California, Irvine, CA, USA

Cardiac and Vascular Protective Effects of Hydrogen Sulfide
Csaba Szabo, University of Texas Medical Branch, Galveston, TX, USA

Cardiac MR and Cardiac CTA Imaging in the Emergency Room
Norbert Wilke, University of Florida, FL, USA

ADVANCES IN ECHOCARDIOGRAPHY

Hemodynamic Assessment by Echocardiography
Sherif F. Nagueh, Methodist DeBakey Heart Center, Houston, TX, USA

Newer Aspects of Echocardiography
Navin Nanda, University of Alabama, Birmingham, AL, USA

The Role of Transesophageal Echocardiography in Acute Aortic Syndromes
Eduardo Bossone, Cava de Tirreni & Amalfi Coast Hospital, Italy

Detection of Myocardial Viability: Myocardial Contrast Echocardiography
Roxy Senior, London and Northwick Park Hospital, Harrow, UK

Echocardiography in the Cath Lab - A Team Approach to Percutaneous Valvular Interventions
Sorin V. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

Stress Echocardiography in Clinical Practice
Maria Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia

PULMONARY AND SYSTEMIC HYPERTENSION: BASIC AND CLINICAL

Pathophysiology of Left Ventricular Hypertrophy in Hypertension
Clive Rosendorff, Mount Sinai School of Medicine, New York, NY and Graduate Medical Education, James J. Peters VA Medical Center, Bronx, NY, USA

Molecular Genetics of Polygenic Hypertension
Alan Y. Deng, Centre Hospitalier de l'Universite de Montreal Technopole Angus, Montreal, QC, Canada

Directed Approach to the Medical Therapy of Pulmonary Arterial Hypertension
Robert C. Bourge, UAB Division of Cardiovascular Disease, Birmingham, AL, USA

Renin Inhibition: What Have we Learned?
Alexander H.J. Danser, Erasmus Medical Center Rotterdam, The Netherlands
Amino Terminal Pro Brain Natriuretic Peptide Serum Values in the Differential Diagnosis and Classification of Dyspnea Patients with Pulmonary Hypertension. Is it the Time to Control the Necessity of the Current Specific Pharmacologic Overtreatment? \textit{Nestor Angomachalelis}, Aristotle University of Thessaloniki, School of Medicine, Thessaloniki, Macedonia, Greece

Cardiovascular Responses to Different Stress Stimuli in Healthy Subjects and in Patients with Hypertension \textit{Daniela Jezova}, Institute of Experimental Endocrinology Slovak Academy of Sciences, Bratislava, Slovakia

Influence of Time-of-Day of Hypertension Treatment on Cardiovascular Risk \textit{Ramon C. Hermida}, University of Vigo, Spain

**OBESITY, DIABETES, METABOLIC SYNDROME AND CAD**

International Causes and Consequences Of Epidemic Obesity and Diabetes In Old Age \textit{Elizabeth Barrett-Connor}, University of California, San Diego, La Jolla, CA, USA

Obesity Cardiomyopathy: Current Views \textit{Martin A. Alpert}, University of Missouri School of Medicine, Columbia, MO, USA

The Cardio-Metabolic Syndrome Following Heart Transplantation -- Incidence, Implications, and Management \textit{Maryl R. Johnson}, University of Wisconsin Medical School, Madison, WI, USA

Relation of a Common Variant of the Adiponectin Gene to Serum Adiponectin Concentration and Metabolic Traits in an Aged Japanese Population \textit{Mitsuhiro Yokota}, Genome Science Aichi-Gakuin University, School of Dentistry, Nagoya, Japan

Epigenetic Regulation of Proinflammatory Factors in Diabetic Heart Disease \textit{Xi-Yong Yu}, Medical Research Center of Guangdong General Hospital, China

Clinical Significance of Epicardial Adipose Tissue as a Visceral Fat Depot \textit{Jamshid Shirani}, Temple University School of Medicine, Philadelphia, PA, USA

Current Imaging Techniques for Evaluation of Coronary Artery Disease in Diabetic Patients \textit{Abdou Elhendy}, Marshfield, WI, USA

**TAKING A BITE OUT OF CARDIOVASCULAR DISEASE - THE ROLE OF NUTRITION**

Coffee, Caffeine, and Risk of Cardiac Arrhythmia \textit{Arthur L. Klatsky}, Kaiser Permanente Medical Center, Oakland, CA, USA

Supression, Regression and Slowing of Progression of Atherosclerosis with Flaxseed and its Components \textit{Kailash Prasad}, University of Saskatchewan, Saskatoon, Canada

Mediterranean Diet and Cardiovascular Disease: Where are we now? \textit{Demosthenes B. Panagiotakos}, Harokopio University, Athens, Greece

Magnesium Intake and Cardiometabolic Disease: Translation from Observation to Intervention \textit{Yiqing Song}, Brigham & Women’s Hospital, Boston, MA, USA
CARDIOVASCULAR RISK ASSESSMENT

Winter and Venous Thromboembolism: A Harmful Association?
Roberto Mantfredini, University of Ferrara, Italy

Progress and Importance of Vascular Evaluations in Cardiovascular Diseases
Takanobu Tomaru, Toho University Sakura Hospital, Japan

Coronary Disease in Women - How does it Differ from Men?
Adarsh Kumar, Govt. Medical College/G.N.D. Hospital, Amritsar, India

Coronary Artery Disease - Eastern Spectrum of Western Disease
Vijay Puri, Royal Lancaster Infirmary, University Hospital of Morecambe and Bay NHS Trust, Lancaster, UK

Plasma Folate and Homocysteine in Smokers in Relation to Cardiovascular Disease
Kenji Okumura, Toki Municipal General Hospital, Toki, Gifu Prefecture, Japan

A New Look for an Old Drug: Vitamin D in Prevention of Cardiovascular Disease
Lu Wang, Brigham and Women's Hospital, Boston, MA, USA

Effect of Rural-to-Urban within-Country Migration on Cardiovascular Risk Factors in Low and Middle Income Countries: A Systematic Review
Adrian V. Hernandez, Cleveland Clinic, Cleveland, OH, USA

Adiponectin and Risk of Heart Failure in the Physicians’ Health Study
Luc Djousse, Brigham and Women's Hospital, Boston, MA, USA

ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

Differentiating STEMI from Non-Ischemic ST Elevation in Patients Presenting with Chest Pain
Yochai Birnbaum, Baylor College of Medicine, Houston, TX, USA

C-Reactive Protein and Acute Coronary Artery Disease: CRP’s Structure Affects Function
Janos G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

James H. Chesebro, UMASS Memorial Medical School and Medical Center, Worcester, MA, USA

Present Status and Future Perspective of Optical Coherence Tomography
Takashi Akasaka, Wakayama Medical University, Japan

Effective Management Strategies for Complicated MI Patients
Hanumanth K. Reddy, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Regeneration of Infarcted Heart with Resveratrol
Dipak K. Das, University of Connecticut School of Medicine, Farmington, CT, USA

Novel Approach to ECG Analysis of Ischemia - Beyond the ST Segment
Gordon L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

Erythropoietin in Patients with Acute ST-Segment-Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: Two-Year Results of the Revival-3 Trial
Ilka Ott, Deutsches Herzzentrum, Munchen, Germany
Fractional Flow Reserve in Consecutive ‘Real-World’ Patients
Aniket Puri, CSM Medical University, Lucknow, India

REVASCULARIZATION IN HIGH-RISK POPULATIONS

New Treatment Options for Treating Patients with Stable Angina
Udho Thadani, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA

Initial Observations on Robotic PCI
George W. Vetrovec, Virginia Commonwealth University, Richmond, VA, USA

Current Status of Treatment of Left Main Disease
Barry F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Bleeding and Ischemia After PCI - More Connected Than You Think
Sorin J. Brener, Cardiac Catheterization Laboratory NY Methodist Hospital, Brooklyn, NY, USA

Removal of Iodine Contrast from Coronary Sinus for Prevention of Contrast Induced Nephropathy
Mohammad-Reza Movahed, University of Arizona Sarver Heart Center, AZ, USA

Prognostic Impact of CTO in Patients with Refractory Angina
Greg Barsness, Mayo Clinic, Rochester, MN, USA

Optimal Revascularization Strategies in Patients with Type 2 Diabetes: What have we Learned from the Recent Trials?
V.S. Srinivas, Jack D. Weiler Hospital of Montefiore Medical Center, Bronx, NY, USA

Acute Graft Dysfunction Following CABG: Management and Outcomes
Louis Perrault, Montreal Heart Institute, Montreal, Quebec, Canada

PERIPHERAL VASCULAR DISEASE

The CREST Study: Unexpected Lessons on Stroke Prevention
James D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA

Peripheral Arterial and Venous Disease and Mortality in a Multi-Ethnic Population: The San Diego Population Study
Michael H. Criqui, University of California, San Diego, La Jolla, CA, USA

Renal Artery Stenting
Ehtisham Mahmud, Labs University of California, San Diego, CA, USA

Association between Carotid and Coronary Stenosis - A Non-Invasive Study
Yzhar Charuzi, UCLA School of Medicine, Los Angeles, CA, USA

Endovascular Treatment of Peripheral Arterial Disease
Subhash Banerjee, VA North Texas Healthcare System, Dallas, TX, USA

NEW MANAGEMENT STRATEGIES FOR CARDIAC ARRHYTHMIAS

Toward More Optimal Use of Implantable Cardioverter Defibrillator Therapy
Sana M. Al-Khatib, Duke Clinical Research Institute, Durham, NC, USA

Pacing in the Magnetic Resonance Imaging Environment: Clinical and Technical Considerations on Compatibility
Firat Duru, University Hospital of Zurich, Switzerland
Absence of Remodeling Benefit of LV-CRT over BiV-CRT in Patients with Heart Failure and Wide QRS: Insight from the Evaluation of Resynchronization Therapy for Heart Failure (EARTH) TRIAL
AnIQUE DUCHARME, Institut de Cardiologie de Montreal, Quebec, Canada

Should ICD Testing be Performed at Implant?
AVI FISCHER, Mount Sinai Medical Center, New York, NY, USA

Atrial Fibrillation Treatment in the Elderly
ALESSANDRO CAPUCCIO, Hospital Guglielmo da Saliceto, Piacenza, Italy

EP Study is not Essential to Indicate a Pacemaker to Patients with Syncope, Bifascicular Block and Preserved LV Systolic Function
MIGUEL ÁLVAREZ, Hospital Universitario Virgen de las Nieves, Granada, Spain

Incorporating New Thromboprophylaxis Knowledge into the Management of Atrial Fibrillation Patients
ROBBY NIEUWLAAT, University Hospital Maastricht, The Netherlands

Update on MRI Compatible Pacing: Who is it Right for, and Who's Left Out
J. ROD GIMBEL, Parkwest Hospital, Knoxville, TN, USA

Conduction Delay in the Right Ventricle as a Marker for Risk Stratification in Brugada Syndrome
MASAHIKO TAKAGI, Osaka City University Graduate School of Medicine, Osaka, Japan

ATRIAL FLUTTER AND ATRIAL FIBRILLATION: NON PHARMACOLOGICAL THERAPY APPROACH

Non-Pharmacological Treatment of Atrial Flutter
ARTI N. SHAH, Queens Hospital Center, Elmhurst, NY, USA

Current Trends in Ablation of Atrial Fibrillation
KIMANDOOR SRIVATHSAN, Mayo Clinic, Scottsdale, AZ, USA

Ablation of Atrial Fibrillation: Role of Intracardiac Echocardiography
BHARAT K. KANTHARIA, The University of Texas-Health Science Center at Houston, Houston, TX, USA

Ablation of Persistent Atrial Fibrillation Using Phased Radiofrequency Ablation: Technique and Results
THOMAS DENEKE, University of Bochum, Germany

Personalized Management of Atrial Fibrillation: An Imaging Guided Approach
NASSIR MARROUCHE, University of Utah Health Sciences Center, Salt Lake City, UT, USA

Minimally Invasive Surgical Approach to Atrial Fibrillation: Long Term Results
MARK A. WOOD, Virginia Commonwealth University, Richmond, VA, USA

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

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

Bovine Arch - Not a Benign Variant
JOHN A. ELEFTERIADIES, Yale University School of Medicine, New Haven, CT, USA
The Impact of Obesity and Other Cardiovascular Risk Factors on Outcome in Adults with Congenital Heart Disease
Angela T. Yetman, University of Utah, Salt Lake City, UT, USA

Adults with Congenital Heart Disease: Burning Prevision
Luciano Daliento, University of Padua, Italy

The US Health Care Reform Act: What it will Mean for the Pediatric Cardiologist
Timothy F. Feltes, The Ohio State University, Columbus, OH, USA

Semisupine Cycle Stress Echocardiography in Paediatric Cardiology: A Superior Method of Exercise Testing
George Sandor, University of British Columbia, Vancouver, BC, Canada

State of Pediatric Cardiac Care Services in Developing Countries
Anita Saxena, All Indian Institute of Medical Sciences, New Delhi, India

Left Ventricular Noncompaction in Childhood: Variable Clinical Presentations
P.R.A. Gaskin, University of Maryland, Baltimore, MD, USA

VALVULAR HEART DISEASE - TRANSLATIONAL SCIENCE FROM THE BENCH TO THE BEDSIDE

The Role of Oxidative Stress and Lrp5 Bone Formation in Calcific Aortic Valve Disease
Nalini Rajamannan, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

Impact of Mitral Valve Repair in Patients with End-Stage Congestive Heart Failure
Dan M. Meyer, University of Texas Southwestern Medical Center at Dallas, TX, USA

Transcatheter Aortic Valve Implantation - A Global Perspective
Raj R. Makkar, Cedars Sinai Medical Center, Los Angeles, CA, USA

Percutaneous Aortic Valve Replacement: Where Do We Go from Here?
Harold L. Lazar, Boston Medical Center, Boston, MA, USA

Combined Structural Heart Disease Interventions
Ahmed A. Khattab, University Hospital, Bern, Switzerland

The Use of Echocardiography for TAVI
Stamatios Lerakis, Emory University Hospital, Atlanta, GA, USA

Transcatheter Valve-In-Valve Implantation for Failed Bioprosthetic Heart Valves
Jian Ye, St. Paul's Hospital, Vancouver, BC, Canada

19 Years Follow-Up Results of Mitral Balloon Valvuloplasty and its Effect on Left Ventricular Function, Severe Pulmonary Hypertension, and Severe Tricuspid Regurgitation
Mohamed Eid Fawzy, Sixth of October University, Egypt

Rheumatic Fever: Ancient Disease Gripping the Developing World
Mehnaz Atiq Ahmed, Aga Khan University Hospital, Pakistan

WHAT IS NEW IN CARDIOMYOPATHIES?

Diagnosis and Treatment of Inflammatory Cardiomyopathy
Heinz-Peter Schulteiss, University Hospital Benjamin Franklin, Berlin, Germany
Arrhythmogenic Right Ventricular Dysplasia: Novel Insights in a Life-Threatening Disorder
Luisa Mestroni, University of Colorado, Aurora, CO, USA

Peripartum Cardiomyopathy - An Update
Uri Elkayam, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA

Early Dystrophin Disruption in the Pathogenesis of Experimental Chronic Chagas Cardiomyopathy
Marcos A. Rossi, University of Sao Paulo, Ribeirao Preto, S.P., Brazil

Early Changes in Cardiac Mitochondrial Capacity during the Development of Diastolic Heart Failure
Gary Lopaschuk, University of Alberta, Edmonton, AB, Canada

Mechanisms Diabetic Cardiomyopathy: Insights from a New Murine Model
Kevin O’Brien, University of Washington, Seattle, WA, USA

HEART FAILURE: MANAGEMENT, THERAPY, OUTCOMES

Harnessing Technology for Patient Management of Cardiovascular Diseases
Scott A. Lear, Providence Health Care, Simon Fraser University, Vancouver, BC, Canada

Heart Rate Reduction in Heart Failure: The Lessons of SHIFT
Jeffrey Borer, SUNY Downstate Medical Center and College of Medicine, Brooklyn and New York, NY, USA

Clinical Presentation, Management and Outcomes in the Acute Heart Failure Global Survey of Standard Treatment (ALARM-HF)
Ferenc Follath, University Hospital, Zürich, Switzerland

Can we stop the Impending Flood of Heart Failure?
Paul A. Heidenreich, Stanford University, VA Palo Alto Health Care System, Palo Alto, CA, USA

Management of Advanced Heart Failure in the Community
Mariavittoria H. Pitzalis, The Brody School of Medicine at ECU East Carolina Heart Institute, Greenville, NC, USA

Ventricular Assist Device Related Infections Increase One-Year Mortality
Salpy V. Pamboukian, University of Alabama at Birmingham, AL, USA

Aldosterone Antagonists in Heart Failure: Clinical Settings and Timing
Chris Adamopoulos, Greece

Management of Cardiorenal Syndrome: An Update for 2011
Amir Kazory, University of Florida, Gainesville, FL, USA

The Role of Statin Therapy in the Management of Heart Failure
Shorena Chumburidze, National Center of Therapy, Georgia