



Program

Time: December 7-9, 2010

Venue: Everbright Convention & Exhibition Center (ECEC), Shanghai, China

Registration

Time: 08:00-20:00, December 6, 2010 (Monday); Place: Lobby, 1st Floor, ECEC

Group Photo

Time: 08:30-08:40, December 7, 2010 (Tuesday); Place: The Gate of ECEC, 1st Floor, ECEC

Opening Ceremony and Keynote Forum

Opening Ceremony

Time: 09:00-09:30, December 7, 2010 (Tuesday); Place: Room No. 10, 2nd Floor, ECEC

Keynote Forum

Time: 09:30-11:30, December 7, 2010 (Tuesday); Place: Room No. 10, 2nd Floor, ECEC

Moderator *Dr. Yong-Xiao Wang*, Professor, Center for Cardiovascular Sciences, Albany Medical College, USA

09:30-10:00 *Title: The Babel Fish Revolution: Applying Technology to Improve Health Care*
Dr. Florence Sheehan, Research Professor & Director, Cardiovascular Research and Training Center, University of Washington, USA

10:00-10:30 *Title: Shear Stress Modulates Health*
Dr. Marvin A. Sackner, Voluntary Professor, Mt Sinai at Miller School of Medicine, University of Miami, USA

10:30-11:00 *Title: A New Non-invasive Approach to Detect Cardiac Transplant Rejection by MRI*
Dr. Chien Ho, Professor & Director, NMR Center, Department of Biological Sciences, Carnegie Mellon University, USA

11:00-11:30 *Title: Manufacturers Answering the Call for Health Care Transformation – A System to Support Physicians Collaborating to Find and Treat Peripheral Artery Disease*
Dr. John A. Romans, Chief Executive Officer, BioMedix Vascular Solutions, Inc., USA

Chapter 1: Clinical Cardiology and Disease Management

Section 1-1: Cardiovascular Emergencies and Physical Examination

Time: 13:30-16:15, December 7, 2010 (Tuesday); Place: Room No. 7, 2nd Floor, ECEC

Chair *Dr. Kristopher R. Brickman*, Chairman & Medical Director, Office of Global Health, University of Toledo Medical Center, USA

Co-Chair *Dr. Malcolm Woollard*, Professor & Director, Pre-hospital and Emergency & Cardiovascular Care Applied Research Group, Coventry University, UK

13:30-13:55 *Title: A STEMI-Alert Response System for Patients Presenting to the Emergency Department with Acute Myocardial Infarction*
Dr. Kristopher R. Brickman, Chairman & Medical Director, Office of Global Health, University of Toledo Medical Center, USA



- 13:55-14:20 *Title: Effect of Listening to Nellie the Elephant during CPR Training on Performance of Chest Compressions by Lay People: Randomised Crossover Trial*
Dr. Malcolm Woollard, Professor & Director, Pre-hospital and Emergency & Cardiovascular Care Applied Research Group, Coventry University, UK
- 14:20-14:45 *Title: College Students' Perceptions and Beliefs about Sudden Cardiac Arrest (SCA)*
Dr. Annette McDonough, Assistant Professor, School of Health and Environment, University of Massachusetts Lowell, USA
- 14:45-15:10 *Title: Preventing Cardiac Arrests and Other Adverse Events in Hospitals - Solutions but not Problems*
Dr. Jack Chen, Senior Research Fellow, Simpson Centre for Health Services Research, University of New South Wales, Australia
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Endocrine Causes of Cardiac Emergencies Need to be Considered in Certain Situations*
Dr. Abbi Lulsegged, Consultant Physician, South London NHS Trust, Princess Royal University Hospital, UK
- 15:50-16:15 *Title: Advance Directive Cardio Pulmonary Resuscitation Refusals: A Perspective on a Deliverable Model*
Dr. Marion Seal, Senior Project Officer Nursing, Adelaide Health Service, Ambulatory & Primary Health Care Directorate, Australia

Section 1-2: Lipid Disorders and Heart Disease Management- Dyslipidemia & Arteriosclerosis/Atherosclerosis

Time: 13:30-17:30, December 7, 2010 (Tuesday); Place: Room No. 8, 2nd Floor, ECEC

- Chair** *Dr. Moti L. Kashyap*, Director, Atherosclerosis Research Center, Long Beach Veterans Affairs Medical Center, USA
- Co-Chair** *Dr. Margaretha Persson*, Head, Scania University Hospital, Sweden
- 13:30-13:55 *Title: Niacin (Nicotinic Acid): Mechanisms of Action on Lipoproteins, Drug Discovery and Cardiovascular Disease Therapy*
Dr. Moti L. Kashyap, Director, Atherosclerosis Research Center, Long Beach Veterans Affairs Medical Center, USA
- 13:55-14:20 *Title: Recent Progress in the Clinical Management of Dyslipidemia*
Dr. J. V. (Jan) Nixon, Professor, Division of Cardiology, Virginia Commonwealth University School of Medicine, USA
- 14:20-14:45 *Title: Clinical Research on the Synchronic Treating of Phlegm and Blood Stasis for Hypertension*
Dr. Xue-Jie Han, Director, Clinical Guideline Centre of TCM, Institute of Basic Research in Clinical Medicine (IBRICM), China Academy of Chinese Medical Sciences, China
- 14:45-15:10 *Title: HDL Targeting Therapy and Atherosclerosis*
Dr. Kejiro Saku, Professor and Chairman, Department of Cardiology, Fukuoka University School of Medicine, Japan
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Lipoprotein-associated Phospholipase A2 (Lp-PLA2) Impact and Role as Cardiovascular Risk Marker*
Dr. Margaretha Persson, Head, Scania University Hospital, Sweden
- 15:50-16:15 *Title: Cardiovascular Disease and Dyslipidemia in Diabetes: What is the Optimal Lipid Management Strategy?*
Dr. Ramzi Ajjan, Senior Lecturer & Consultant, Division of Diabetes and Cardiovascular Research, LIGHT Laboratories, University of Leeds, UK



- 16:15-16:40 *Title: Immunology Biomarkers in Atherosclerosis—Modified Low-density Lipoprotein (mLDL) and Anti-mLDL Antibodies in Atherosclerosis*
Dr. Elia Ascer, Reseacher, Department of Immunology, The Immunofisiopatology Laboratory, University of São Paulo, Brazil
- 16:40-17:05 *Title: A Potential New Generation of Natural Products for Lowering Blood Lipids*
Dr. Yanwen Wang, Associate Research Officer, Institute for Nutrisciences and Health, National Research Council Canada, Canada
- 17:05-17:30 *Title: Peripheral Vascular Disease in Patients with Systemic Lupus Erythematosus*
Dr. Katarzyna Fischer, Head of Laboratory, Department of Rheumatology, Pomeranian Medical University, Poland

Section 1-3: New Therapeutic Approaches to Cardiovascular Disease

Time: 13:30-16:40, December 7, 2010 (Tuesday); Place: Room No. 9, 2nd Floor, ECEC

- Chair** *Dr. Masatoshi Fujita*, Professor, Human Health Sciences, Kyoto University Graduate School of Medicine, Japan
- Co-Chair** *Dr. Marvin A. Sackner*, Voluntary Professor, Mt Sinai at Miller School of Medicine, University of Miami, USA
- 13:30-13:55 **Keynote Speech**
Title: Overview of Whole-body Periodic Acceleration
Dr. Marvin A. Sackner, Voluntary Professor, Mt Sinai at Miller School of Medicine, University of Miami, USA
- 13:55-14:20 *Title: Whole-body Periodic Acceleration Ameliorates Vascular Endothelial Function in Healthy Adults*
Dr. Tetsuya Matsumoto, Assistant Professor, Department of Cardiovascular and Respiratory Medicine, Shiga University of Medical Science, Japan
- 14:20-14:45 *Title: Acute Effect of Whole-Body Periodic Acceleration on Brachial Flow-Mediated Vasodilatation Assessed by a Novel Semi-Automatic Vessel Chasing System of UNEXEF18G*
Dr. Bonpei Takase, Associate Professor, Department of Intensive Care Unit, National Defense Medical College, Japan
- 14:45-15:10 *Title: Acute Effect of Whole-body Periodic Acceleration on Coronary Microcirculation and Insulin Resistance in Type 2 Diabetic Patients*
Dr. Shota Fukuda, Chief Physician, Department of Medicine, Osaka Ekisaikai Hospital, Japan
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Whole-Body Periodic Acceleration Ameliorates Exercise Tolerance through Peripheral Effects in Patients with Chronic Heart Failure and Old Myocardial Infarction*
Dr. Shoichi Miyamoto, Assistant Director, Cardiovascular Center, Kitano Hospital, Japan
- 15:50-16:15 *Title: Whole-Body Periodic Acceleration Mobilizes CD34+, KDR+ Cells in Type 2 Diabetic Patients*
Mr. Yoichi Takahashi, Medical Technician, Human Health Sciences, Kyoto University Graduate School of Medicine, Japan
- 16:15-16:40 *Title: Role of Whole Body Periodic Acceleration in Ischemia Reperfusion Injury*
Dr. Jose A. Adams, Division of Neonatology, Mt Sinai Medical Center, USA

**Section 1-4-1: Arrhythmias- Atrial Fibrillation, Atrial Flutter, Ventricular/Supraventricular Tachycardias**

Time: 13:30-17:05, December 7, 2010 (Tuesday); Place: Room No. 11, 2nd Floor, ECEC

- Chair** *Dr. Michal J. Kantoč*, Professor, Stollery Children's Hospital, Mazankowski Alberta Heart Institute, University of Alberta, Canada
- Co-Chair** *Dr. Jayakumar Sahadevan*, Director, Cardiac Electrophysiology, Louis Stokes Cleveland VA Medical Center, USA
- 13:30-13:55 *Title: Ablation Procedures for Atrial Arrhythmia in Patients with Repaired Congenital Heart Defects*
Dr. Michal J. Kantoč, Professor, Stollery Children's Hospital, Mazankowski Alberta Heart Institute, University of Alberta, Canada
- 13:55-14:20 *Title: Ablative Procedure in Atrial Fibrillation*
Dr. Bernd-Dieter Gonska, Professor & Director, Department of Cardiology, St. Vincentius Hospital, Academic Teaching Hospital of the University of Freiburg, Germany
- 14:20-14:45 *Title: Pacing, Altered Ventricular Activation and Arrhythmogenesis*
Dr. M. A. Vós, Professor, Chair of Cardiovascular Research Utrecht, University Medical Center Utrecht, Utrecht University, The Netherlands
- 14:45-15:10 *Title: Mechanism(s) of Atrial Fibrillation – What Do We Know?*
Dr. Jayakumar Sahadevan, Director, Cardiac Electrophysiology, Louis Stokes Cleveland VA Medical Center, USA
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Radiofrequency Ablation in Surgical Treatment of Chronic Atrial Fibrillation: Epicardial and Endocardial Approach*
Dr. Ergun Demirsoy, Associate Professor, Director and Chairman, Department of Cardiovascular Surgery, Yeditepe University, Turkey
- 15:50-16:15 *Title: Magnetocardiographic Mapping for F-wave Source Localization in Chronic AF Patients*
Dr. Doosang Kim, Chief, Department of Thoracic and Cardiovascular Surgery, Seoul Veterans Hospital, South Korea
- 16:15-16:40 *Title: Impact of a Modified Valsalva Manoeuvre in the Termination of Paroxysmal Supraventricular Tachycardia*
Dr. Simon Walker, Emergency Medicine Advanced Trainee, Royal North Shore Hospital, Australia
- 16:40-17:05 *Title: Evidence that D-Dimer Levels Predict Subsequent Thromboembolic and Cardiovascular Events in Patients with Atrial Fibrillation during Oral Anticoagulant Therapy*
Dr. Tsuneaki Sadanaga, Chief Cardiologist, Ueki Hospital, Japan

Section 1-4-2: Arrhythmias - Bradyarrhythmias, Catheter Ablation, Pacing and Defibrillation

Time: 08:30-10:10, December 8, 2010 (Wednesday); Place: Room No. 7, 2nd Floor, ECEC

- Chair** *Dr. Heather S. Duffy*, Assistant Professor of Medicine, Department of Cardiology, Beth Israel Deaconess Medical Center, Harvard Medical School, USA
- Co-Chair** *Dr. Michael Cao*, Assistant Professor, Director, EP Laboratory of LAC/USC Medical Center, University of Southern California, USA
- 08:30-08:50 *Title: Inflammation and Arrhythmias: Why Omega 3 Fatty Acids are Antiarrhythmic*
Dr. Heather S. Duffy, Assistant Professor of Medicine, Department of Cardiology, Beth Israel Deaconess Medical Center, Harvard Medical School, USA
- 08:50-09:10 *Title: Defibrillation Threshold Testing (DFT) in a Naturalistic Practice – Results of the ALTITUDE Study*
Dr. Michael Cao, Assistant Professor, Director, EP Laboratory of LAC/USC Medical Center, University of Southern California, USA



- 09:10-09:30 *Title: Pharmacologic Therapy for Atrial Fibrillation: Atrial Fibrillation Control or Bust*
Dr. Peter N. Smith, Clinical Associate Professor, University of Wisconsin Medical School, USA
- 09:30-09:50 *Title: "Ablate and Pace" Still Valid in 2010*
Dr. Basri Amasyali, Associate Professor, GATA Military Medical School, Turkey
- 09:50-10:10 *Title: Evaluation of Clinical Benefit after Ablation of Longstanding Persistent (chronic) AF*
Dr. Martin Fiala, Associate Professor, Department of Cardiology, Heart Center, Hospital Podlesi a.s., Czech Republic
- 10:10-10:25 **Coffee Break**

Section 1-4-3: Syncope and Clinical Management

Time: 10:25-12:30, December 8, 2010 (Wednesday); Place: Room No. 7, 2nd Floor, ECEC

- Chair** *Dr. Andrew P. Blaber*, Associate Professor & Director, Aerospace Physiology Laboratory, Department of Biomedical Physiology and Kinesiology, Simon Fraser University, Canada
- 10:25-10:50 *Title: The Contribution of Postural Sway and Regional Blood Volume Distribution in Orthostatic Blood Pressure Regulation*
Dr. Andrew P. Blaber, Associate Professor & Director, Aerospace Physiology Laboratory, Department of Biomedical Physiology and Kinesiology, Simon Fraser University, Canada
- 10:50-11:15 *Title: Quantification of Sympathetic Nerve Proteins from Biopsied Veins in Patients with Disorders of Neural Circulatory Control Causing Postural Syncope*
Dr. Ling Guo, Molecular Biology Laboratory Specialist, Baker IDI Heart and Diabetes Institute, Australia
- 11:15-11:40 *Title: Syncope in the Elderly*
Dr. Victor Man-Fai Sim, Consultant Physician, Cardiff University School of Medicine, UK
- 11:40-12:05 *Title: Therapeutic Strategies for Patients with Neurocardiogenic Syncope*
Dr. Kostopoulou Anna, Consultant, Onassis Cardiac Surgery Center, Greece
- 12:05-12:30 *Title: Autonomic Syncope: Mechanisms and Management*
Dr. Beverly Karabin, Associate Professor, University of Toledo Medical Center, USA

Section 1-5: Hypertension and Management

Time: 08:30-12:25, December 8, 2010 (Wednesday); Place: Room No. 8, 2nd Floor, ECEC

- Chair** *Dr. Erling B. Pedersen*, Professor; Chief Physician, Department of Medical Research and Medicine, University of Aarhus and Holstebro Hospital, Denmark
- Co-Chair** *Dr. Shyang Chang*, Professor, Department of Electrical Engineering, National Tsing Hua University, Taiwan
- 08:30-08:50 *Title: Endovascular Radiofrequency Ablation of the Renal Sympathetic Nerves in the Renal Artery Wall: A Novel Treatment for Uncontrolled Essential Hypertension*
Dr. Murray Esler, Professor; Associate Director, Baker IDI Heart and Diabetes Institute, Australia
- 08:50-09:10 *Title: Antihypertensive Effect, Health Related Quality of Life, and Economic Evaluation of Telemonitoring of Home Blood Pressure*
Dr. Erling B. Pedersen, Professor; Chief Physician, Department of Medical Research and Medicine, University of Aarhus and Holstebro Hospital, Denmark
- 09:10-09:30 *Title: How Can a Health System Improve Blood Pressure Control*
Dr. Richard Lewanczuk, Professor, University of Alberta, Canada
- 09:30-09:50 *Title: Primary Aldosteronism: An Update on Screening, Diagnosis and Treatment*
Dr. Marcel Lebel, Professor, Department of Medicine, Laval University, Canada



- 09:50-10:10 *Title: Blood Pressure Elevation in Youth: Relationship to Hypertension and Sequelae*
Dr. Gaston K Kapuku, Associate Professor & Co-Director, Cardiovascular Discovery Institute, Medical College of Georgia, Georgia Prevention Institute, USA
- 10:10-10:25 **Coffee Break**
- 10:25-10:45 *Title: Hypertension from the Perspective of Traditional Chinese Medicine*
Dr. Shyang Chang, Professor, Department of Electrical Engineering, National Tsing Hua University, Taiwan
- 10:45-11:05 *Title: Endothelial Function and Hypertension*
Dr. Praveen Véerabhadrapa, Research Fellow, Molecular and Applied Physiology Lab, Temple University, USA
- 11:05-11:25 *Title: Cardiovascular Risk Stratification in Patients with Newly Detected Arterial Hypertension: What We Need and What We Get*
Dr. Thomas Dieterle, Head & Physician, Division of Cardiology and Medical Outpatient Department, University Hospital Basel, Switzerland
- 11:25-11:45 *Title: Autonomic Cardiovascular Effect of Water Ingestion in Young Healthy Subjects*
Dr. Chih-Cherng Lu, Associate Professor, Department of Anesthesiology, Tri-Service General Hospital, National Defense Medical Center, Taiwan
- 11:45-12:05 *Title: Development of Heart Failure in Patients with Hypertension*
Dr. Agata Bielecka-Dabrowa, Chair, Department of Hypertension, Medical University of Lodz, Poland
- 12:05-12:25 *Title: Age, Gender and Race Differences in the Impacts of Admission Diabetic Status on 1-year Mortality after STEMI and NSTEMI: Myocardial Infarction National Audit Project*
Dr. Ruoling Chen, Reader, Centre for Health and Social Care Improvement, School of Health and Wellbeing, University of Wolverhampton, UK

Section 1-6: Acute Myocardial Infarction and Myocarditis

Time: 08:30-12:05, December 8, 2010 (Wednesday); Place: Room No. 9, 2nd Floor, ECEC

- Chair** *Dr. Carolyn Naismith*, Nurse Unit Manager, Cardiac Catheterisation Laboratories, Austin Hospital, Australia
- Co-Chair** *Dr. Sima T. Tarzami*, Assistant Professor of Medicine, Cardiovascular Research Center, Mount Sinai School of Medicine, USA
- 08:30-08:55 *Title: An Evaluation of Door to Balloon Times for Women Presenting with ST Elevation Myocardial Infarction at a Tertiary Australian Centre during the Implementation of a 2 Phase Quality Improvement Process*
Dr. Carolyn Naismith, Nurse Unit Manager, Cardiac Catheterisation Laboratories, Austin Hospital, Australia
- 08:55-09:20 *Title: Myocardial Expression, Signaling, and Function of Chemokine Receptor-4 (CXCR4): Effects of CXCR4 Gene Transfer on Cardiac Function Following Ischemia-reperfusion Injury*
Dr. Sima T. Tarzami, Assistant Professor of Medicine, Cardiovascular Research Center, Mount Sinai School of Medicine, USA
- 09:20-09:45 *Title: How to Manage Acute Myocardial Infarction Complicated with Cardiogenic Shock*
Dr. Manabu Shirotani, Professor & Director, Cardiology Department, Nara Hospital, Kinki University School of Medicine, Japan
- 09:45-10:10 *Title: Gene Delivery of Suppressor of Cytokine Signaling 1 (SOCS1) Showed Therapeutic Effects to Autoimmune Myocarditis in Mice*
Dr. Yasuhiro Yasutomi, Director and Professor, Tsukuba Primate Research Center, National Institute of Biomedical Innovation, Mie University Graduate School of Medicine, Japan



- 10:10-10:25 **Coffee Break**
- 10:25-10:50 *Title: Extracorporeal Membrane Oxygenation for the Support of Acute Myocarditis*
Dr. Erwan Flecher, Cardiac Surgeon, Pontchaillou Hospital, France
- 10:50-11:15 *Title: Validation of a Prediction Score Model to Distinguish Acute Coronary Syndromes from Other Conditions Causing Raised Cardiac Troponin T Levels*
Dr. Peter Sze Chai Wong, Consultant Cardiologist, Aintree Cardiac Centre, University Hospital Aintree, UK
- 11:15-11:40 *Title: Adjunctive Manual Thromb aspiration in STEMI*
Dr. Ivo Petrov, Associate Professor & Head, Cardiology and Angiology Department, Tokuda Hospital Sofia, Bulgaria
- 11:40-12:05 *Title: Risk Stratification for Poor Outcome after Acute Myocarditis in Children*
Dr. Muhammed Amin Arfi, Assistant Consultant, King Faisal Specialist Hospital & Research Center, General Organization, Kingdom of Saudi Arabia

Section 1-7: Congestive Heart Failure

Time: 08:30-11:15, December 8, 2010 (Wednesday); Place: Room No. 11, 2nd Floor, ECEC

- Chair** *Dr. Nahid Azad*, Associate Professor, Geriatric Assessment Unit, The Ottawa Hospital, University of Ottawa, Canada
- Co-Chair** *Dr. Kathy A. Hebert*, Associate Professor and Director, Cardiovascular Division, University of Miami Miller School of Medicine, USA
- 08:30-08:55 *Title: Mortality Benefit of a Comprehensive Heart Failure Disease Management Program in Indigent Patients*
Dr. Kathy A. Hebert, Associate Professor and Director, Cardiovascular Division, University of Miami Miller School of Medicine, USA
- 08:55-09:20 *Title: Impact of a Heart Failure Disease Management Program in Eastern Europe: Tbilisi, Georgia*
Dr. Ilia Gogichiasvili, Chief, Central University Hospital, Georgia
- 09:20-09:45 *Title: Sex and Age Differences in Heart Failure Management in Ontario, Canada. Results from the POWER Study (Project for an Ontario Women's Health Evidence-Based Report)*
Dr. Nahid Azad, Associate Professor, Geriatric Assessment Unit, The Ottawa Hospital, University of Ottawa, Canada
- 09:45-10:10 *Title: The Role of Peritoneal Dialysis in the Treatment of Refractory Heart Failure*
Dr. Jayson Rapoport, Clinical Associate Professor and Head, Department of Nephrology & Hypertension, Kaplan Medical Center, Israel

Coffee Break

- 10:10-10:25 **Coffee Break**
- 10:25-10:50 *Title: Circulating Cytokines in Heart Failure*
Dr. Maria Vistnes, Institute for Experimental Medical Research, Oslo University Hospital, Norway
- 10:50-11:15 *Title: Sleep Apnea and Congestive Heart Failure*
Dr. Darren Mansfield, Director, Epworth Sleep Centre, Australia

Section 1-8: Angina Pectoris, Unstable Angina: Ischemia, and Acute Coronary Syndrome (ACS)

Time: 13:30-17:30, December 8, 2010 (Wednesday); Place: Room No. 7, 2nd Floor, ECEC

- Chair** *Dr. Jishou Ruan*, Chairman, Bioinformatics Laboratory, College of Mathematical Sciences, Nankai University, China
- Co-Chair** *Dr. Marcin Wasowicz*, Assistant Professor, Toronto General Hospital/University of Toronto, Canada



- 13:30-13:55 *Title: Using Micro-RNA to Increase the Reserves of NPs in the Blood of the Patients with Heart Failure*
Dr. Jishou Ruan, Chairman, Bioinformatics Laboratory, College of Mathematical Sciences, Nankai University, China
- 13:55-14:20 *Title: Lipid Disorders and Heart Disease Management*
Dr. S. S. Iyengar, Professor & Head, Department of Cardiology, St. Johns Medical College and Hospital, India
- 14:20-14:45 *Title: Anesthetic Induced Heart Pre- and Post-conditioning. Does it Really Work? Next Step in Translational Research*
Dr. Marcin Wasowicz, Assistant Professor, Toronto General Hospital/University of Toronto, Canada
- 14:45-15:10 *Title: Antiplatelet Therapy for Acute Coronary Syndrome*
Dr. Mehmet Emin Korkmaz, Professor & Director, Department of Cardiology, Ankara Güven Hospital, Turkey
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Biomarkers Linking Inflammation and Thrombosis in the Infarct-related Coronary Artery and Systemic Circulation during Primary Percutaneous Coronary Intervention for the Treatment of ST-segment Elevation Myocardial Infarction*
Dr. Tomomi Koizumi, Associate Professor, Department of Cardiovascular Medicine, Saitama International Medical Center, Saitama International Medical Center, Saitama Medical University, Japan
- 15:50-16:15 *Title: Acute Myocardial Infarction Survivors Experiences: A Qualitative Literature Review*
Dr. Nidal Farid Eshah, Assistant Professor, Zarqa University, Jordan
- 16:15-16:40 *Title: Prevalence and Clinical Characteristics of Coronary Artery Spasm in Patients with Acute Coronary Syndrome*
Dr. Shinji Satoh, Director, Department of Cardiology and Clinical Research Institute, National Hospital Organization Kyushu Medical Center, Japan
- 16:40-17:05 *Title: Coronary Vasospasm in the Era of Drug-eluting Stents*
Dr. Shigenori Ito, Director, Division of Cardiovascular Medicine, East Medical Center Higashi Municipal Hospital, Cardiovascular Imaging Core Laboratory, Associations for Establishment in Evidence of Interventions (NPO), Japan
- 17:05-17:30 *Title: Gender and Cardiovascular Disease: Are Women Different?*
Dr. Seppo Lehto, Chief & Chair, Department of Medicine, Kuopio University Hospital, Finland

Section 1-9: Pediatrics to Adult Congenital Heart Disease

Time: 13:30-17:05, December 8, 2010 (Wednesday); Place: Room No. 8, 2nd Floor, ECEC

- Chair** *Dr. Kambiz Norozi*, Associate Professor of Paediatrics/Paediatric Cardiology, Department of Paediatrics, Children's Hospital of Western Ontario, University of Western Ontario, Canada
- Co-Chair** *Dr. Annabelle Azancot Berge*, Professor, Hospital Robert Debre Perinatal Cardiology, France
- 13:30-13:55 *Title: Pulmonary Atresia, Ventricular Septal Defect, and Multiple Aorta Pulmonary Collateral Arteries*
Dr. Gary K. Loffland, Chief, Children's Mercy Hospital and Clinics, USA
- 13:55-14:20 *Title: The Effect of Beta Blocker Medication in Patients with Operated Tetralogy of Fallot*
Dr. Kambiz Norozi, Associate Professor of Paediatrics/Paediatric Cardiology, Department of Paediatrics, Children's Hospital of Western Ontario, University of Western Ontario, Canada
- 14:20-14:45 *Title: Pathophysiology of Coronary Blood Flow with reference to Congenital Heart Diseases*
Dr. Erkki Pesonen, Professor, Skane University and University Hospital, Sweden



- 14:45-15:10 *Title: Coarctation: From the Fetus to the Adult*
Dr. Annabelle Azancot Bergel, Professor, Hospital Robert Debre Perinatal Cardiology, France
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Impact of Prenatal Diagnosis of Congenital Heart Anomalies on the Fetal and Neonatal Outcome*
Dr. Vlasta Fesslova, Head, Center of Fetal Cardiology, Cardiosurgical Center, Policlinico San Donato IRCCS, Italy
- 15:50-16:15 *Title: May We Lower the Congenital Heart Disease Rate by Periconceptional Folic Acid Supplementation*
Dr. Vedran Stefanovic, Associate Professor, Department of Obstetrics and Gynecology, Helsinki University Central Hospital, Finland
- 16:15-16:40 *Title: Torsion in Pediatric Patients*
Dr. Kai Thorsten Laser, Director of the Echolab, Heart and Diabetes Center Northrhine-Westfalia, Ruhr-University of Bochum, Germany
- 16:40-17:05 *Title: Newly Invented Original Aortic Valve Plasty: Nicely Applicable to Adult Valvular Disease with Congenital Quadricuspid or Bicuspid Aortic Valve*
Dr. Isamu Kawase, Adjunct Associate Professor, Department of Cardiovascular Surgery, Toho University Ohashi Medical Center, Japan

Section 1-10: Valvular Heart Disease

Time: 13:30-17:30, December 8, 2010 (Wednesday); Place: Room No. 9, 2nd Floor, ECEC

- Chair** *Dr. Hyuk Ahn*, Professor, Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, South Korea
- Co-Chair** *Dr. Masahiro Okada*, Director, Department of Cardiovascular Surgery, Okayama Medical Center, National Hospital Organization, Japan
- 13:30-13:55 *Title: The Evolution of Minimal Invasive Mitral Valve Surgery as Standard of Care*
Dr. Jan Gummerl, Professor, Director of the Department of Thoracic and Cardiovascular Surgery, Heart- and Diabetes Center NRW, Ruhr-University Bochum, Germany
- 13:55-14:20 *Title: Long-term Experience of Surgical Treatment for Aortic Regurgitation Due to Behçet's Disease*
Dr. Hyuk Ahn, Professor, Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, South Korea
- 14:20-14:45 *Title: Heart Valve Surgery in Very Old Patients More than 80 Years Old*
Dr. Masahiro Okada, Director, Department of Cardiovascular Surgery, Okayama Medical Center, National Hospital Organization, Japan
- 14:45-15:10 *Title: Tricuspid & Pulmonic Valve Diseases: Role of Real-time 3D Echocardiography*
Dr. Hyun Suk Yang, Director, Konkuk University Medical Center, South Korea
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Minimally Invasive Versus Conventional Mitral Valve Surgery*
Dr. Akmal M. A. Badreldin, Specialist, Cardiac Surgery, Friedrich Schiller University of Jena, Germany
- 15:50-16:15 *Title: Calcific Aortic Stenosis: Risk Factors and Potential for Medical Treatment*
Dr. Katerina Linhartova, Associate Professor & Head, Noninvasive Cardiology, Department of Cardiology, Charles University Hospital Motol, Czech Republic
- 16:15-16:40 *Title: Risk Factor of Systemic Embolism in Patients with Mitral Stenosis in Sinus Rhythm*
Dr. Songsak Kiatchoosakun, Associate Professor, Division of Cardiology, Department of Medicine, Khon Kaen University, Thailand



- 16:40-17:05 *Title: Changing Target in Cardiac Surgery: From Eternal Life to Extended Quality of Life*
Dr. Janne J. Jokinen, Senior Consultant, Department of Cardiothoracic Surgery, Helsinki University Hospital, Finland
- 17:05-17:30 *Title: Aortic Valve Stenosis in Children and Young Adults-- Surgical Options*
Dr. Aitizaz Uddin Syed, Consultant, Cardiac Services Department, North West Armed Forces Hospital, Saudi Arabia

Section 1-11: Rheumatic Heart Disease

Time: 13:30-15:10, December 8, 2010 (Wednesday); Place: Room No. 11, 2nd Floor, ECEC

- Chair** *Dr. Denis Bouchard*, Director, Training Program, Cardiac Surgery Consultant, Montreal Heart Institute, Canada
- 13:30-13:50 *Title: 20 Years Follow-up of Carbomedics Mechanical Mitral Valve Replacement for Rheumatic Heart Disease*
Dr. Denis Bouchard, Director, Training Program, Cardiac Surgery Consultant, Montreal Heart Institute, Canada
- 13:50-14:10 *Title: Time Trends of RF/RHD*
Dr. P. C. Negi, Professor, Department of Cardiology, IGMC Shimla, India
- 14:10-14:30 *Title: Management of Severe Mitral Stenosis during Pregnancy: Case Report*
Dr. Summer Syed, Assistant Clinical Professor, Director Cardiac Anesthesia Research and Cardiac, Anesthesia Fellowship Program, Hamilton Health Sciences Corporation, McMaster University, Canada
- 14:30-14:50 *Title: Rheumatic Heart Disease: Review*
Dr. Smita Mishra, Senior Consultant, Pushpanjali Crosslay Hospital Vaishali, Gaziabad NCR Delhi, India
- 14:50-15:10 *Title: A Right Antero-lateral Mini-thoracotomy as a Standard Approach for Rheumatic Heart Valve Disease*
Dr. Giorgio Vigano, Surgeon Assistant, Cardiac Surgery Department, CardiocentroTicino, Switzerland
- 15:10-15:25 **Coffee Break**

Section 1-12: Pulmonary Embolic Diseases and Pulmonary Hypertension

Time: 13:30-15:10, December 8, 2010 (Wednesday); Place: Room No. 16, 2nd Floor, ECEC

- Chair** *Dr. Maria Serratto*, Professor of Pediatrics-Cardiology, University of Illinois College of Medicine at Chicago, USA
- Co-Chair** *Dr. Shintaro Nemoto*, Associate Professor, Department of Thoracic and Cardiovascular Surgery, Osaka Medical College, Japan
- 13:30-13:55 *Title: Pulmonary Arterial Hypertension from the Newborn to the Adult*
Dr. Maria Serratto, Professor of Pediatrics-Cardiology, University of Illinois College of Medicine at Chicago, USA
- 13:55-14:20 *Title: Role of RhoA/Rho-kinase in Pulmonary Hypertension*
Dr. Sy Duong-Quy, Vice-Director, Lam Dong Medical School, Physio-Pulmologiste of Cochin Hospital, France
- 14:20-14:45 *Title: Management of Dyspnoea in Pulmonary Arterial Hypertension*
Dr. Dimitar Sajkov, Senior Consultant, Division of Medicine, Cardiac and Critical Care, Flinders Medical Centre, Australia



14:45-15:10 *Title: Current Management by Phosphodiesterase-5 Inhibition and Endothelin-1 Blockade for Persistent Pulmonary Hypertension after Congenital Cardiac Surgery in Children*
Dr. Shintaro Nemoto, Associate Professor, Department of Thoracic and Cardiovascular Surgery, Osaka Medical College, Japan

15:10-15:25 **Coffee Break**

Section 1-13: Infective Endocarditis and Other Infectious Heart Diseases

Time: 15:25-17:25, December 8, 2010 (Wednesday); Place: Room No. 16, 2nd Floor, ECEC

Chair *Dr. Julius Larioza*, Assistant Professor of Medicine, Baystate Medical Center, Tufts University School of Medicine, USA

15:25-15:45 *Title: Evolving Trends on Diagnosis and Surgical Treatment of Infective Endocarditis*

Dr. Vinicius Nina, Director, University Hospital of the Federal University of Maranhao, Brazil

15:45-16:05 *Title: Management of Infective Endocarditis in Outpatients: Clinical Experience with Outpatient Parenteral Antibiotic Therapy*

Dr. Julius Larioza, Assistant Professor of Medicine, Baystate Medical Center, Tufts University School of Medicine, USA

16:05-16:25 *Title: Endocarditis Prophylaxis is Still Required: An Evidence and Clinical Based Approach*

Dr. Roland Beaulieu, Pediatric Cardiologist, North York General Hospital, Canada

16:25-16:45 *Title: Prosthetic Valve Infective Endocarditis and Infected Intracardiac Devices - How We Manage Them*

Dr. Ioan Tilea, Associate Professor & Director, University of Medicine and Pharmacy, Romania

16:45-17:05 *Title: Infective Endocarditis in the Era of MDR Organisms and Biofilms*

Dr. Zakariya Al Muharrmi, Consultant Microbiologist, Department of Microbiology & Immunology, Sultan Qaboos University Hospital, Oman

17:05-17:25 *Title: Individualized Management of Long-term Antimicrobial Therapy in Patients with Infective Endocarditis*

Dr. Hirokazu Nakayama, Pharmacist, Department of Pharmacy, NTT Medical Center Tokyo, Japan

Section 1-14: Heart Failure, Left Ventricular Dysfunction And Preserved Ejection Fraction

Time: 08:30-10:10, December 9, 2010 (Thursday); Place: Room No. 7, 2nd Floor, ECEC

Chair *Dr. Frank Lloyd Dini*, Chief, The Internal Echo Lab, Cardiac and Thoracic Department, University Hospital of Pisa, Italy

08:30-08:55 *Title: Targeting Adenylyl Cyclase Isoforms in Treating Heart Failure*

Dr. Yoshihiro Ishikawa, Professor & Chair, Cardiovascular Research Institute, Yokohama City University Graduate School of Medicine, Japan

08:55-09:20 *Title: Multiparametric Echo-doppler Approach to Assess Left Ventricular Filling Pressure in Patients with Heart Failure and Preserved Ejection Fraction*

Dr. Frank Lloyd Dini, Chief, The Internal Echo Lab, Cardiac and Thoracic Department, University Hospital of Pisa, Italy

09:20-09:45 *Title: Comparison of the Cell Sheet vs. Monolayer Cell Transplantation in Heart Failure*

Dr. Tommi Patila, Consultant, Department of Cardiothoracic Surgery, Helsinki University Meilahti Hospital, Finland

09:45-10:10 *Title: Chronic Heart Failure and Small QRS Complex. Electrical Therapy Beyond Cardiac Resynchronization Therapy*

Dr. Jurgen Kuschyk, Director, University Hospital of Mannheim, 1st Department of Medicine, Heidelberg University, Germany



10:10-10:25 **Coffee Break**

Section 1-15: Cardiac Tumors

Time: 08:30-11:40, December 9, 2010 (Thursday); Place: Room No. 8, 2nd Floor, ECEC

Chair *Dr. Peter S. Rahko*, Director, Adult Echocardiography Laboratory, University of Wisconsin, USA

08:30-08:55 *Title: A Review of Cardiac Manifestations of Tumors in the Adult*

Dr. Peter S. Rahko, Director, Adult Echocardiography Laboratory, University of Wisconsin, USA

08:55-09:20 *Title: Echocardiographic Study of Cardiac Tumors*

Dr. Linda Pauliks, Director, Pediatric Echocardiography Laboratory, Penn State Hershey Medical College, USA

09:20-09:45 *Title: Cardiac Regeneration and Repair in the Injured Myocardium*

Dr. Wei-Chun Chang, Attending Physician, Cardiovascular Center and Department of Anesthesiology, Taichung Veterans General Hospital, Taiwan

09:45-10:10 *Title: Benign and Malignant Cardiac Tumors: A Single Center Experience over 30 Years*

Dr. Ingeborg Keeling, Senior Resident, Department of Cardiac Surgery, Graz University Hospital, Austria

10:10-10:25 **Coffee Break**

10:25-10:50 *Title: Cardiac Mural Tumour Imaging: Contribution of ECG-gated Multi Slice CT*

Dr. Eric Stephant, Praticien Hospitalier, Adjoint au Chef de Service de Radiologie, Hôpital Robert Picqué Villenave d'Ornon, France

10:50-11:15 *Title: Cardiac Calcified Mobile Tumors in End-Stage Renal Failure Patients*

Dr. Hiroshi Kubota, Associate Professor, Department of Cardiovascular Surgery, Kyorin University, Japan

11:15-11:40 *Title: Anticancer Drugs and Cardiotoxicity: The Perspectives in the Era of Targeted Therapy*

Dr. Esther Una Cidon, Associate Professor, Clinical University Hospital and Faculty of Medicine, University of Valladolid, Spain

Section 1-16: Thoracic Aortic Aneurysms and Dissections

Time: 08:30-10:10, December 9, 2010 (Thursday); Place: Room No. 9, 2nd Floor, ECEC

Chair *Dr. Michael Gawenda*, Professor of Surgery, Department of Vascular Surgery, Heart Center, University Hospital, University of Cologne, Germany

Co-Chair *Dr. Ourania Preventza*, Cardiovascular Surgeon, Texas Heart Institute at St Luke's Episcopal Hospital, Baylor College of Medicine, USA

08:30-08:50 *Title: The Concept of Stent Grafting in Acute, Non-complicated Type B Dissection*

Dr. Michael Gawenda, Professor of Surgery, Department of Vascular Surgery, Heart Center, University Hospital, University of Cologne, Germany

08:50-09:10 *Title: Aortic Root and Pectus in Marfan Syndrome*

Dr. Jean Philippe Verhoye, Associate Professor & Research Director, Thoracic and Cardiovascular Surgery, University of Rennes, France

09:10-09:30 *Title: Endovascular Repair of Thoracic Aortic Aneurysms*

Dr. Ourania Preventza, Cardiovascular Surgeon, Texas Heart Institute at St Luke's Episcopal Hospital, Baylor College of Medicine, USA

09:30-09:50 *Title: CT Imaging in Pre and Post Surgical and Endovascular Repair Evaluation of Thoracic Aorta*

Dr. Tariq Hameed, Assistant Professor of Clinical Radiology, Department of Radiology and Imaging Sciences, Indiana University School of Medicine, USA



09:50-10:10 *Title: Aortic Valve-Sparing in Marfan Syndrome*
Dr. Alberto Forteza, Cardiac Surgeon & Director, Marfan Center, Hospital Universitario 12 de Octubre, Spain

10:10-10:25 **Coffee Break**

Section 1-17: Venous Thrombo Embolism

Time: 10:25-12:05, December 9, 2010 (Thursday); Place: Room No. 9, 2nd Floor, ECEC

Chair *Dr. Amitasrigowri S. Murthy*, Director, Clinical Family Planning Services, Bellevue Hospital Center/New York University, USA

Co-Chair *Dr. Qi Qian*, Consultant & Assistant Professor, Mayo Clinic College of Medicine, USA

10:25-10:50 *Title: Venous Thromboembolism and Its Relation to Combined Hormonal Contraceptive Use*
Dr. Amitasrigowri S. Murthy, Director, Clinical Family Planning Services, Bellevue Hospital Center/New York University, USA

10:50-11:15 *Title: Abdominal Aortic Aneurysm due to IgG4 Periaortitis*
Dr. Qi Qian, Consultant & Assistant Professor, Mayo Clinic College of Medicine, USA

11:15-11:40 *Title: Combination of Pretest Clinical Probability Score and Different D-dimer Cutoff Value for Exclusion of Venous Thromboembolism*

Dr. Takashi Yamaki, Assistant Professor, Department of Plastic and Reconstructive Surgery, Tokyo Women's Medical University, Japan

11:40-12:05 *Title: Venous Thrombosis after Permanent Tranvenous Implantation of Pacemakers and Defibrillators*
Dr. Katia Regina da Silva, Clinical Research Coordinator, Heart Institute (InCor) of University of Sao Paulo Medical School, Brazil

Section 1-18: Cerebrovascular Diseases

Time: 13:30-16:15, December 9, 2010 (Thursday); Place: Room No. 7, 2nd Floor, ECEC

Chair *Dr. Alan Barber*, Professor & Deputy Director, Centre for Brain Research, Department of Medicine, Faculty of Medical and Health Sciences, The University of Auckland, New Zealand

Co-Chair *Dr. Jong S. Kim*, Professor & Director, College of Medicine, University of Ulsan, South Korea

13:30-13:55 *Title: Stroke Following Cardiac Intervention and Surgery*
Dr. Alan Barber, Professor & Deputy Director, Centre for Brain Research, Department of Medicine, Faculty of Medical and Health Sciences, The University of Auckland, New Zealand

13:55-14:20 *Title: Lipid Lowering Agent Use at Ischemic Stroke*
Dr. Moon-Ku Han, Associate Professor, Seoul National University Bundang Hospital, Seoul National University College of Medicine, South Korea

14:20-14:45 *Title: Minocycline for Neurovascular Protection after Acute Ischemic Stroke*
Dr. Irina Sazonova, Assistant Professor, Department of Medicine, Medical College of Georgia, Georgia Health Sciences University, USA

14:45-15:10 *Title: Differences between Intracranial Atherosclerosis (ICAS) and Extracranial Atherosclerosis (ECAS)*
Dr. Jong S. Kim, Professor & Director, College of Medicine, University of Ulsan, South Korea

15:10-15:25 **Coffee Break**

15:25-15:50 *Title: Aphasia and Apraxia of Speech in Stroke Patients*
Dr. Misoen Kwon, Research Professor, Asan Medical Center, University of Ulsan College of Medicine, South Korea



- 15:50-16:15 *Title: Medical Complications of Acute Ischemic Stroke: Epidemiology and the National Experience in Prevention, Treatment and Quality Improvement Efforts*
Dr. Xin (Cindy) Tong, Associate Service Fellow, Centers for Disease Control and Prevention (CDC), Division for Heart Disease and Stroke Prevention, USA

Section 1-19: Heart Disorder and Renal System

Time: 13:30-16:15, December 9, 2010 (Thursday); Place: Room No. 8, 2nd Floor, ECEC

- Chair** *Dr. Nabil (George) Guirguis*, CEO, HEMODial+, Gentle Dialysis Center, Kidney Education and Relief Foundatio, USA
- Co-Chair** *Dr. Adis Tasanarong*, Associate Professor, Department of Medicine, Thammasat University, Thailand
- 13:30-13:55 *Title: The Cardio Renal Collaboration-Cardio Renal Syndrome*
Dr. Nabil (George) Guirguis, CEO, HEMODial+, Gentle Dialysis Center, Kidney Education and Relief Foundatio, USA
- 13:55-14:20 *Title: Elevated Brain Natriuretic Peptide is Associated with Abnormal Heart Geometry in Children with Chronic Kidney Disease*
Dr. Ludmila Podracka, Professor & Chair, 1st Department Pediatrics Medical School University, P.J. Safarik and Children's Hospital, Slovakia
- 14:20-14:45 *Title: Re-thinking RAS: Good for Your Heart and Kidneys?*
Dr. Jer-Ming Chang, Chief, Division of Nephrology, Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang University, Taiwan
- 14:45-15:10 *Title: New Therapeutic Prevention of Contrast Induced Nephropathy in Patients with Chronic Kidney Disease Undergoing Coronary Procedure*
Dr. Adis Tasanarong, Associate Professor, Department of Medicine, Thammasat University, Thailand
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Echocardiographic Evaluation of Left Atrial and Ventricular Dysfunction in Patients with End-stage Renal Disease Undergoing Hemodialysis*
Dr. Hiroshi Kato, Associate Director, Cardiovascular Center, Fukui Kosei Hospital, Japan
- 15:50-16:15 *Title: Renal Vasoconstriction Causes a Mild Capillary Proliferation and an Intensive Hypertrophy in Cardiac Myocytes*
Dr. Tomiyasu Koyama, Hokkaido University, Japan

Section 1-20: Heart, Cardiomyopathy and Lungs

Time: 13:30-15:10, December 9, 2010 (Thursday); Place: Room No. 9, 2nd Floor, ECEC

- Chair** *Dr. Michael S. Firstenberg*, Co-Director, Extra-corporeal Membrane Oxygenation Support Program, The Ohio State University Medical Center, USA
- 13:30-13:55 *Title: The Evolving Role of Extracorporeal Membrane Oxygenation (ECMO) for Severe Sepsis*
Dr. Michael S. Firstenberg, Co-Director & Assistant Professor, Extra-corporeal Membrane Oxygenation Support Program, The Ohio State University Medical Center, USA
- 13:55-14:20 *Title: The Broken Heart in Scandinavia*
Dr. Moheb A. Rashid, Director, Scandinavian Cardiovascular Surgery Center, Sweden
- 14:20-14:45 *Title: Peripartum Cardiomyopathy*
Dr. S. S. Iyengar, Professor & Head, Department of Cardiology, Manipal Heart Institute, India



- 14:45-15:10 *Title: The Use of Hyperosmolar-hyperoncotic Solution in Cardiac Surgery: Any Impact on Organ Function*
Dr. V.L. Kvalheim, Senior Consultant, Department for Heart Disease, Haukeland University Hospital, University of Bergen, Norway
- 15:10-15:25 **Coffee Break**

Section 1-21: Perioperative Anesthetic Considerations in Noncardiac Surgery

Time: 15:25-17:30, December 9, 2010 (Thursday); Place: Room No. 9, 2nd Floor, ECEC

- Chair** *Dr. J. Sudharma Ranasinghe*, Associate Professor, Department of Anesthesiology, Jackson Memorial Medical Center, University of Miami Miller School of Medicine, USA
- 15:25-15:50 *Title: Cardiac Disease in Pregnancy- Anesthetic Considerations*
Dr. J. Sudharma Ranasinghe, Associate Professor, Department of Anesthesiology, Jackson Memorial Medical Center, University of Miami Miller School of Medicine, USA
- 15:50-16:15 *Title: Perioperative Anesthetic Considerations in Noncardiac Surgery*
Dr. Galina Leyvi, Associate Professor, Montefiore Medical Center, Albert Einstein College of Medicine, USA
- 16:15-16:40 *Title: The Patient With Severe Cardiac Disease For Non Cardiac Surgery- What's New*
Dr. Harish Ramakrishna, Chief, Cardiothoracic Anesthesiology, Mayo Clinic Arizona, USA
- 16:40-17:05 *Title: Aortic Valve Replacement & Cesarean Section in Young Pregnant Women: Case Report*
Dr. Hamid Kamalipour, Associate Professor, Department of Anesthesiology, Shiraz University of Medical Sciences, Iran
- 17:05-17:30 *Title: Perioperative Anesthetic Considerations in Cardiac Patients Undergoing Non-cardiac Surgery*
Dr. Zahid Hussain Khan, Professor & Director, Department of Anesthesiology, Imam Khomeini Medical Center, Tehran University of Medical Sciences, Iran

Chapter 2: Cardiac Imaging and Molecular Diagnosis**Section 2-1: Imaging Techniques: Nuclear CT and MRI**

Time: 13:30-17:30, December 7, 2010 (Tuesday); Place: Room No. 16, 2nd Floor, ECEC

- Chair** *Dr. Gyanendra Sharma*, Medical Director, Cardiovascular Outpatient Center, Medical College of Georgia, USA
- Co-Chair** *Dr. Todd D. Miller*, Professor & Director, Nuclear Cardiology Laboratory, Mayo Clinic, USA
- 13:30-13:55 *Title: MRI Guided Aortic Valve Replacements on the Beating Heart*
Dr. Keith A. Horvath, Director, Cardiothoracic Surgery Research Program, National Heart, Lung and Blood Institute, The NIH Heart Center, USA
- 13:55-14:20 *Title: Advances in Nuclear Cardiology: New Cameras, Radioisotopes, and Applications*
Dr. Todd D. Miller, Professor & Director, Nuclear Cardiology Laboratory, Mayo Clinic, USA
- 14:20-14:45 *Title: Relationship Between SPECT Imaging and Increased Risk of All-Cause Death, Cardiovascular Death, and Sudden Cardiac Death*
Dr. Salvador Borges-Neto, Professor of Radiology and Medicine, Medical Director of Nuclear Cardiology for The Duke Health System, USA
- 14:45-15:10 *Title: Cardiovascular MR Imaging: Emerging Techniques*
Dr. Sven Zuehlsdorff, Senior Manager, Cardiovascular MR R & D Siemens Healthcare, Siemens Medical Solutions USA, Inc., Customer Solutions Group, USA



- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Cardiac Rehabilitation Referral following Percutaneous Coronary Intervention in an Academic Medical Center*
Dr. Gyanendra Sharma, Medical Director, Cardiovascular Outpatient Center, Medical College of Georgia, USA
- 15:50-16:15 *Title: CMR In Heart Failure Diagnostics*
Dr. Guenter Pilz, Head of Department of Cardiology, Clinic Agatharied, Academic Teaching Hospital, University of Munich, Germany
- 16:15-16:40 *Title: CMR and the Role in Acute Coronary Syndromes*
Dr. Mark Westwood, Consultant Cardiologist, The London Chest Hospital, UK
- 16:40-17:05 *Title: Cardiac Magnetic Resonance in the Management of "troponin positive" Chest Pain Patients.*
Dr. Lorenzo Monti, Cardiac Magnetic Resonance, Department of Radiology, I,R,C,C,S, Istituto Clinico Humanitas, Italy
- 17:05-17:30 *Title: Flow in the Left Atrium - MRI Blood Flow Measurements and Numerical Simulations*
Dr. Muneichi Shibata, Chief, Miyagi Cardiovascular and Respiratory Center, Japan

Section 2-2: Advanced CT in Cardiac Imaging

Time: 13:30-15:10, December 7, 2010 (Tuesday); Place: Room No. 18, 2nd Floor, ECEC

- Chair** *Dr. Farhood Saremi*, Professor, Department of Radiological Sciences, UCI Medical Center, USA
- 13:30-13:55 *Title: Recent Technical Developments for Dose Reduction in Cardiac CT*
Dr. Christian Eusemann, Director, CT - Clinical Research and Development, Siemens Medical Solutions, USA
- 13:55-14:20 *Title: Advances in Cardiac CT Farhood Saremi MD*
Dr. Farhood Saremi, Professor, Department of Radiological Sciences, UCI Medical Center, USA
- 14:20-14:45 *Title: Outcomes and Cost Effectiveness of Coronary CT Angiography in Different Clinical Scenarios*
Dr. Jason H. Cole, Director, Cardiovascular CT and Research Program, University of South Alabama College of Medicine, USA
- 14:45-15:10 *Title: Clinical Utility of 320 Slice CT for Diagnosis of Coronary Heart Diseases*
Dr. Nobusada Funabashi, Associate Professor, Department of Cardiovascular Science and Medicine, Chiba University Graduate School of Medicine, Japan
- 15:10-15:25 **Coffee Break**

Section 2-3: Transthoracic, Stress, Doppler and Transesophageal Echocardiography

Time: 08:30-10:10, December 8, 2010 (Wednesday); Place: Room No. 16, 2nd Floor, ECEC

- Chair** *Dr. Florence Sheehan*, Research Professor of Medicine/Cardiology; Director, Cardiovascular Research and Training Center, University of Washington, USA
- 08:30-08:50 *Title: Assessment of Diastolic Function: Is it Prognostically Important in all Patients?*
Dr. Gillian Whalley, Associate Professor & Head, Department of Medical Imaging, Unitec Institute of Technology, New Zealand
- 08:50-09:10 *Title: Diastolic Stress Echocardiography: Diagnostic and Prognostic Implications*
Dr. Sandhir Prasad, Consultant Cardiologist and Senior Lecturer, Royal Brisbane and Women's Hospital, Australia



- 09:10-09:30 *Title: Electrocardiography in The Era of Echocardiography—Should The Electrocardiogram be Interpreted Echocardiographically?*
Dr. James Ker, Professor, Department of Physiology, University of Pretoria, South Africa
- 09:30-09:50 *Title: Echocardiographic Evaluation of Torson of the Left Ventricle*
Dr. Mi-Seung Shin, Director, Echocardiography Laboratory, Gachon University, South Korea
- 09:50-10:10 *Title: Comparison of Tissue Doppler Dynamics with Doppler Flow in Evaluating Left Atrial Appendage Function by Transesophageal Echocardiography in Prehypertensive and Hypertensive Patients*
Dr. Erhan Tenekecioglu, Cardiology Fellow, Department of Cardiology, Batman Dünya Hospital, Turkey
- 10:10-10:25 **Coffee Break**

Section 2-4: Emerging Imaging Techniques on Coronary Disease

Time: 13:30-15:10, December 8, 2010 (Wednesday); Place: Room No. 18, 2nd Floor, ECEC

- Chair** *Dr. Guenter Pilz*, Assistant Professor & Head, Cardiology Department, Clinic Agatharied, University of Munich, Germany
- 13:30-13:55 *Title: "Magnetic Resonance Imaging of Coronary Physiology" (Emerging Imaging Techniques on Coronary Disease)*
Dr. Michael V. McConnell, Associate Professor, Division of Cardiovascular Medicine, Stanford University School of Medicine, USA
- 13:55-14:20 *Title: CMR for CAD Assessment: From Diagnostic Accuracy to Prognostic Value and Cost Effectiveness*
Dr. Guenter Pilz, Assistant Professor & Head, Cardiology Department, Clinic Agatharied, University of Munich, Germany
- 14:20-14:45 *Title: Emerging 3D echo Imaging Techniques on Coronary Disease*
Dr. Chaim Yosefy, Director, Non-Invasive Cardiology Unit, Barzilai Medical Center Campus, Ben-Gurion University, Israel
- 14:45-15:10 *Title: Global and Regional Myocardial Dysfunction Assessed by Emerging Advanced Echocardiography after Acute Myocardial Infarction*
Dr. Chung-Lieh Hung, Instructor, Department of Cardiovascular Medicine, Mackay Memorial Hospital, Taiwan
- 15:10-15:25 **Coffee Break**

Chapter 3: Electrophysiology and Pacing

Section 3-1: Cardiac Electrophysiology and Heart Diseases

Time: 13:30-16:40, December 7, 2010 (Tuesday); Place: Room No. 7, 1st Floor, ECEC

- Chair** *Dr. Socrates Dokos*, Senior Lecturer, Graduate School of Biomedical Engineering, University of New South Wales, Australia
- 13:30-13:55 *Title: Computational Modelling of Atrial Electrical Rhythms*
Dr. Socrates Dokos, Senior Lecturer, Graduate School of Biomedical Engineering, University of New South Wales, Australia
- 13:55-14:20 *Title: Current Density Distribution by Ring and Diagonally Arranged Half-Ring Electrodes in Bipolar and Overlapping Biphasic Impulse Stimulation*
Dr. Satoru Suzuki, Chief, Department of Cardiovascular Surgery, Hiratsuka City Hospital, Japan



- 14:20-14:45 *Title: Termination of Strongly Anchored Reentries in Cardiac Tissue Culture*
Dr. Marcel Horning, Post Doctoral Fellow, Kenichi Yoshikawa Laboratory, Graduate School of Science, Kyoto University, Japan
- 14:45-15:10 *Title: LAMRT: A New Approach for Mapping and Ablation Left Atrial Macroreentry Tachycardia*
Dr. Yan Huo, Department of Electrophysiology, Leipzig Heart Center, University of Leipzig, Germany
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: Programmed Ventricular Stimulation in Brugada Syndrome*
Dr. Sergio Richter, Consultant Electrophysiologist, Heart Center–University of Leipzig, Germany
- 15:50-16:15 *Title: Sudden Cardiac Death in the Young and Athletes in Denmark*
Dr. Jacob Tfelt-Hansen, Senior Research, Laboratory of Molecular Cardiology, Copenhagen University Hospital, Denmark
- 16:15-16:40 *Title: Dynamic Simulations with Computational Models for Teaching Physiology and Cardiology*
Dr. Yvon Lessard, Head, Department of Medical Physiology, University of Rennes 1, France

Section 3-2: Ion Channels and Regulation

Time: 08:30-10:10, December 8, 2010 (Wednesday); Place: Room No. 18, 2nd Floor, ECEC

- Chair** *Dr. Glen Tibbitts*, Professor & Chair, Cardiac Membrane Research Laboratory, Simon Fraser University, Canada
- 08:30-08:55 *Title: Neonatal Atrioventricular Nodal Myocytes Display Electrical Disturbances upon Ischemia-reperfusion that May Predispose to Junctional Ectopic Tachycardia*
Dr. Glen Tibbitts, Professor & Chair, Cardiac Membrane Research Laboratory, Simon Fraser University, Canada
- 08:55-09:20 *Title: The Late Sodium Current and the Therapeutic Consequences of its Pharmacological Blockade*
Dr. Alessandro Mugelli, Professor, Department of Preclinical and Clinical Pharmacology, University of Florence, Italy
- 09:20-09:45 *Title: Molecular Mechanisms Underlying Cardiac Sodium Current Channelopathies*
Dr. Thomas Jespersen, Associate Professor, Department of Biomedical Sciences, University of Copenhagen, Denmark
- 09:45-10:10 *Title: Non-invasive Ion Flux Measurements in Medical Electrophysiology Introducing the MIFE Technique as a New Powerful Tool*
Dr. Sergey Shabala, Associate Professor, School of Agricultural Sciences, University of Tasmania, Australia
- 10:10-10:25 **Coffee Break**

Section 3-3: Implantable Cardioverter-Defibrillation

Time: 10:25-12:05, December 9, 2010 (Thursday); Place: Room No. 7, 2nd Floor, ECEC

- Chair** *Dr. Olivier Piot*, Senior Consultant & Head, Department of Electrophysiology, Heart Center of North, France
- 10:25-10:50 *Title: Optimizing ICD Programming for Shock Reduction*
Dr. Jorg O. Schwab, Professor & Head, Department of Medicine-Cardiology, University of Bonn, Germany
- 10:50-11:15 *Title: Interest of Medical Devices Vigilance for Pacemaker and Defibrillator Technology*
Dr. Olivier Piot, Senior Consultant & Head, Department of Electrophysiology, Heart Center of North, France



- 11:15-11:40 *Title: Dilemma: Implantable Cardioverter Defibrillator*
Dr. Carole C Anderson, Consultant, Griffith University, Australia
- 11:40-12:05 *Title: Defibrillator Thresholds Tested with Safety Margin Strategy at the Septal Region of the Right Ventricular Outflow Tract and the Right Ventricular Apex*
Dr. Jochem Stockinger, Senior Doctor, Department of Rhythmology, Heart Centre Bad Krozingen, Germany

Section 3-4: Dual-Chamber Pacing and Cardiac Resynchronization Therapy

Time: 13:30-16:40, December 9, 2010 (Thursday); Place: Room No. 11, 2nd Floor, ECEC

- Chair** *Dr. Bernard Thibault*, Professor, S Montreal Heart Institute, University of Montreal, Canada
- 13:30-13:55 *Title: Minimizing Ventricular Pacing in a Large Population of Patients: One-Year Interim Analysis of the Can-Saver Study*
Dr. Bernard Thibault, Professor, S Montreal Heart Institute, University of Montreal, Canada
- 13:55-14:20 *Title: Could We Reverse the Deleterious Effect of Long Term Pacing? The PreFER MVP Trial*
Dr. Aurelio Quesada, Professor, Catholic University of Valencia, Spain
- 14:20-14:45 *Title: Role of Continuous Intracardiac ST Monitoring in Device Implanted Patients*
Dr. Giovanni B. Forleo, Head of the Cardiac Electrophysiology, University of "Tor Vergata", Italy
- 14:45-15:10 *Title: Treatment of Sinus Node Dysfunction*
Dr. Artur Z. Pietrucha, Assistant Professor, Coronary Disease Department, Institute of Cardiology, Medical School of Jagiellonian University, John Paul II Hospital, Poland
- 15:10-15:25 **Coffee Break**
- 15:25-15:50 *Title: What is the Best Method to Do for Patients Given a Device Due to Bradyarrhythmia?*
Dr. Hidekazu Miyazaki, Director, Department of Cardiology, Atsugi Municipal Hospital, Associate Professor, Jikei University of School of Medicine, Japan
- 15:50-16:15 *Title: Meaning of Angioplasty Manoeuvres for Successful Implantation of CRT Devices*
Dr. Guido Luedorff, Leader, Department of Electrophysiology, The Communal Hospital of Guetersloh, Germany
- 16:15-16:40 *Title: The Deleterious Effect of Chronic Right Ventricular Pacing on Atrial Fibrillation And Heart Failure in Patients with an Implanted Device*
Dr. Antonio De Sisti, Cardiology Institute, Pitie-Salpetriere Hospital, France

Chapter 4: Interventional Cardiology and Translational Cardiology

Section 4-1: Interventional and Invasive Cardiology

Time: 15:25-17:25, December 7, 2010 (Tuesday); Place: Room No. 18, 2nd Floor, ECEC

- Chair** *Dr. Qing Wang*, Scientist, Abbott Laboratories (Abbott Vascular), USA
Co-Chair *Dr. Ruoling Chen*, University of Wolverhampton, UK
- 15:25-15:45 *Title: Preclinical and Clinical Pharmacokinetics of the XIENCE V[®] Everolimus Eluting Coronary Stent System*
Dr. Qing Wang, Scientist, Abbott Laboratories (Abbott Vascular), USA
- 15:45-16:05 *Title: Intravascular Optical Coherence Tomography: Current Status and Future Directions*
Dr. Harry C. Lowe, Associate Professor, Anzac Research Institute, University of Sydney, Australia



- 16:05-16:25 *Title: The Use of Fudial Approach in STEMI Patients*
Dr. Pavel Cervinka, Associate Professor & Head, Department of Cardiology, Masaryk Hospital, Czech Republic
- 16:25-16:45 *Title: Percutaneous Aortic Valve Implantation: Early Experience, Technical Challenges and Medical Implications*
Dr. Thomas Modine, Consultant Cardiovascular Surgeon, CHRU de Lille Medical School, France
- 16:45-17:05 *Title: A Randomized Comparison of Sirolimus- Versus Paclitaxel-Eluting Stents for Treatment of Bifurcation Lesions by Single Stent and Kissing Balloon: Results of the SINGLE KISS Trial*
Dr. Kenya Nasu, Chief, Department of Cardiology, Toyohashi Heart Center, Japan
- 17:05-17:25 *Title: Are Drug-eluting Balloons the New Swiss-Knife of the Interventional Cardiologist*
Dr. Klaus Hertting, Department of Cardiology and Angiology, Park-Hospital Leipzig, Germany

Section 4-2: Angioplasty and Valvuloplasty

Time: 13:30-15:10, December 8, 2010(Wednesday); Place: Room No. 7, 1st Floor, ECEC

- Chair** *Dr. Michael C. Y. Chan*, Associate Clinical Professor, University of Alberta, Canada
- 13:30-13:50 *Title: Induced Hypothermia Improves Survival in Cardiac Arrest Patients*
Dr. Michael C. Y. Chan, Associate Clinical Professor, University of Alberta, Canada
- 13:50-14:10 *Title: When to Apply Retrograde Approach for CTO Lesion, Its Advantages and Disadvantages*
Dr. Noriyuki Ozawa, Vice President, Shonan Toubu General Hospital, Japan
- 14:10-14:30 *Title: Impact of Total Sirolimus-Eluting Stent Length on Three-Year Clinical Outcomes in the j-Cypher Registry*
Dr. Shinichi Shirai, Associate Director, Cardiovascular Division, Kokura Memorial Hospital, Japan
- 14:30-14:50 *Title: Arterial Pulse Wave Dynamics after Percutaneous Aortic Valve Replacement: Decreased Coronary Diastolic Suction as a Basis for Angina in Aortic Stenosis*
Dr. Justin E. Davies, Lecturer, Walport Clinical Lecturer and Academic Cardiologist, Imperial College, UK
- 14:50-15:10 *Title: Transradial Access for Coronary Interventions*
Dr. Ugo Limbruno, Director, Interventional Cardiology Unit, Italy
- 15:10-15:25 **Coffee Break**

Section 4-3: Congenital Heart Defect Correction, Patent Foramen Ovale and Atrial Septal Defect, Left Atrial Appendage Closure

Time: 15:25-17:30, December 8, 2010(Wednesday); Place: Room No. 7, 1st Floor, ECEC

- Chair** *Dr. Basil D. Thanopoulos*, Associate Professor, Iatrikon Medical Center, Greece
- 15:25-15:50 *Title: Transcatheter Closure of Atrial Septal Defects and Patent Foramen Ovale in Adults*
Dr. Mehmet Necdet Akkus, Associate Professor, Mersin University School of Medicine, Turkey
- 15:50-16:15 *Title: Ministernotomy in Congenital Heart Disease -Current Status*
Dr. Baskar Ranjith Karthekeyan, Associate Professor, Department of Cardiac anesthesiology, Sri Ramachandra University, India
- 16:15-16:40 *Title: Atrial Septal Defect Transcatheter Closure: Feasibility and Long-Term Results*
Dr. Basil D. Thanopoulos, Associate Professor, Iatrikon Medical Center, Greece
- 16:40-17:05 *Title: Pediatric Cardiologist*
Dr. Savitri Shrivastava, Director, Fortis Escorts Heart Institute, India



- 17:05-17:30 *Title: Single Center Experience with Percutaneous PFO and ASD Closure with Different Type of Devices*
Dr. Robert Sabiniewicz, Research Assistant, Department of Pediatric Cardiology and Congenital Heart Disease, Medical University Gdansk, Poland

Section 4-4: Thoracic Surgery and Heart Failure and Transplant

Time: 15:25-17:45, December 8, 2010(Wednesday); Place: Room No. 18, 2nd Floor, ECEC

- Chair** *Dr. Tomoko-Sugiyama Kato*, Chief Cardiologist, Department of Cardiovascular Medicine and Organ Transplant, National Cardiovascular Center, Japan
- 15:25-15:45 *Title: Minimal Invasive Surgery for the Huge Extrapleural Hematoma: A Video Presentation and Review of the Literature*
Dr. Moheb A. Rashid, Director, Scandinavian Cardiovascular Surgery Center, Sweden
- 15:45-16:05 *Title: The Role of Non-pulsatile Left Ventricular Assist Devices for Destination Therapy or Bridge to Transplant*
Dr. Michael S. Furstenberg, Co-Director & Assistant Professor, Extra-corporeal Membrane Oxygenation Support Program, The Ohio State University Medical Center, USA
- 16:05-16:25 *Title: Spinal Cord Protection during Thoracoabdominal Endovascular Aneurism repair (TEVAR)*
Dr. Paolo Zanatta, Cardiac Anaesthesiologist, Anesthesia and Intensive Care Department, Treviso Regional Hospital, Italy
- 16:25-16:45 *Title: Minimally Invasive Thoracic Surgery - Upcoming Challenges and Emerging Trends*
Dr. Alan D. L. Sihoe, Associate Consultant & Hon Clin Asst Professor, Department of Cardiothoracic Surgery, Queen Mary Hospital, The University of Hong Kong, Hong Kong, China
- 16:45-17:05 *Title: Improved Long-Term Performance of Pulsatile Extracorporeal Left Ventricular Assist Device*
Dr. Tomoko-Sugiyama Kato, Chief Cardiologist, Department of Cardiovascular Medicine and Organ Transplant, National Cardiovascular Center, Japan
- 17:05-17:25 *Title: Off Pump Revascularisation in Ischemic Heart Failure and Acute Myocardial Infarction*
Dr. Deepak Puri, Senior Consultant, Cardiovascular Thoracic Surgery, Fortis Hospital Mohali, India
- 17:25-17:45 *Title: Management of Empyema "Strategies and Problems" How to Deliver*
Dr. Arvind Kohli, Consultant, Department of CTVS, Govt Medical College Jammu, India

Section 4-5: Novel Cardiac Intervention Medical Devices & Appliance

Time: 08:30-10:10, December 9, 2010 (Thursday); Place: Room No. 11, 2nd Floor, ECEC

- Chair** *Dr. Parvin C. Dorostkar*, Associate Professor, Pediatric Cardiac Electrophysiology, University of Minnesota, USA
- 08:30-08:50 *Title: Preclinical to Clinical Translation of the Performance of Bioresorbable Vascular Scaffolds (BVS): A Case Study with Abbott Vascular's BVS*
Dr. Jennifer Powers, Senior Research Scientist, Preclinical Research, Abbott Vascular, USA
- 08:50-09:10 *Title: Novel Cardiovascular Approaches: Endoscopic Cardiac Surgery and Suction Embolectomy*
Dr. Albert K. Chin, Co-Founder, Pavilion Medical Innovations, LLC., USA
- 09:10-09:30 *Title: Challenges of Device Implantation in Young Patients with Congenital Heart Disease*
Dr. Parvin C. Dorostkar, Associate Professor, Pediatric Cardiac Electrophysiology, University of Minnesota, USA
- 09:30-09:50 *Title: New Devices and Developments in Challenging Peripheral Arterial Beds*
Dr. Eugen Ivan, Assistant Professor, Director, Peripheral Vascular Intervention Program, Division of Cardiology, University of Utah, USA



09:50-10:10 *Title: Novel Medical Glue and its Clinical Applications*
Dr. Suong-Hyu Hyon, Associate Professor & Director, Institute for Frontier Medical Sciences, Kyoto University, Japan

10:10-10:25 **Coffee Break**

Chapter 5: Basic Science and Emerging Technologies

Section 5-1: Cardiovascular Biology and Molecular Cardiology

Time: 13:30-17:25, December 7, 2010 (Tuesday); Place: Room No. 8, 1st Floor, ECEC

Chair *Dr. Nagarajan Ramesh*, Manager, Preclinical Research, Abbott Vascular, USA

Co-Chair *Dr. Gang (Gary) Ren*, Staff Scientist, Lawrence Berkeley National Laboratory, USA

13:30-13:55 *Title: Vascular Response to a Drug Eluting Stent: Local Effects of the Everolimus Eluting XIENCEV[®] Stent in a Porcine Coronary Artery Model*

Dr. Nagarajan Ramesh, Manager, Preclinical Research, Abbott Vascular, USA

13:55-14:20 *Title: The Mechanism of CETP Revealed by Electron Microscopy and Molecular Dynamic Simulation*
Dr. Gang (Gary) Ren, Staff Scientist, Lawrence Berkeley National Laboratory, USA

14:20-14:45 *Title: Cardiovascular Outcomes Associated with Nonsteroidal Anti-inflammatory Use: An Opposing View Using CABG as a Model*

Dr. B. Daniel Lucas, Director, Clinical Research, Health Education and Research Institute, Charleston Area Medical Center, USA

14:45-15:10 *Title: Mechanisms of Atrial Fibrillation – Part II*

Dr. Ivan Cakulev, Assistant Professor, University Hospitals of Cleveland Case Medical Center, USA

15:10-15:25 **Coffee Break**

15:25-15:50 *Title: The Cardiac SDF-1-CXCR4 Axis in Regeneration of the Injured Myocardium*

Dr. Gregg Rokosh, Assistant Professor, Division of Cardiology, University of Louisville, USA

15:50-16:15 *Title: Kruppel-Like Factor 2: A Molecular Switch in Regulating Endothelial Hemostasis*

Dr. Zhiyong Lin, Assistant Professor, Case Western Reserve University School of Medicine, USA

16:15-16:40 *Title: Role of Zinc in Myocardial Reperfusion Injury*

Dr. Zhelong Xu, Assistant Professor, University of North Carolina at Chapel Hill, USA

16:40-17:05 *Title: Molecular Mechanisms of Cardiac Arrhythmias*

Dr. Ana Margarida Gomes Lebreiro, Cardiology Department, Hospital de S. João, Alameda Prof. Hernâni Monteiro, Portugal

17:05-17:25 *Title: Myeloid Mineralocorticoid Receptor, Macrophage Polarization, and Cardiovascular Disease*

Dr. Shengzhong Duan, Professor, Laboratory of Nuclear Receptors in Metabolism and Diseases, Institute for Nutritional Sciences, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China

Section 5-2: Cardiovascular Genetics, Genomics, Proteomics, and Pharmacogenomics

Time: 08:30-12:05, December 8, 2010 (Wednesday); Place: Room No. 7, 1st Floor, ECEC

Chair *Dr. Terry-Lynn Young*, Associate Professor, Discipline of Genetics, Memorial University of Newfoundland, Canada

Co-Chair *Dr. Dipak K. Dube*, Professor, Department of Medicine, SUNY Upstate Medical University, USA



- 08:30-08:55 *Title: Expression, Ectopic Expression, and Dynamics of TPM1kappa, A Novel Tropomyosin, In Vertebrate Hearts*
Dr. Dipak K. Dube, Professor, Department of Medicine, SUNY Upstate Medical University, USA
- 08:55-09:20 *Title: Gene Discovery And Identifying Lethal Alleles in Cardiovascular Genes*
Dr. Terry-Lynn Young, Associate Professor, Discipline of Genetics, Memorial University of Newfoundland, Canada
- 09:20-09:45 *Title: Single Nucleotide Polymorphisms in Sarcomeric Protein Genes: Association with Chemotherapy Induced Cardiomyopathy*
Dr. Syamalima Dube, Research Scientist & Research Associate Professor, SUNY Upstate Medical University, USA
- 09:45-10:10 *Title: Proteomic Evaluation of Thoracic Aortic Aneurysm*
Dr. Ahmet Tarik Baykal, Senior Research Scientist, Genetic Engineering and Biotechnology Institute, Turkey
- 10:10-10:25 **Coffee Break**
- 10:25-10:50 *Title: Finding the Missing Heritability of Cardiovascular Diseases by Next-Generation Sequencing*
Dr. Xu Yang, Director, Department of Human Complex Disease Research, Research & Cooperation Division, BGI-Shenzhen, China
- 10:50-11:15 *Title: SNPs A New Biomarker in Infective Endocarditis*
Dr. J. Bustamante Munguira, Assistant Professor, Department of Cardiovascular Surgery, Hospital Universitario La Princesa, Universidad Autonoma de Madrid, Spain
- 11:15-11:40 *Title: Genetics of Venous Thrombosis: Lessons from Recent Large Scale Associations Studies*
Dr. David-Alexandre Tregouet, Research Director, INSERM UMR_S 937, Cardiovascular Genomics, Pierre et Marie Curie University, France
- 11:40-12:05 *Title: Direct Differentiation to Cardiac Cells by Defined Factors*
Dr. Jun K. Takeuchi, Associate Professor, Laboratory of Cardiovascular Regeneration, Institute of Molecular and Cellular Biosciences, The University of Tokyo, Japan

Section 5-3: Cardiovascular Signaling and Transcription

Time: 10:25-12:05, December 8, 2010(Wednesday); Place: Room No. 16, 2nd Floor, ECEC

- Chair** *Dr. Jens Schlossmann*, Professor, Department of Pharmacology and Toxicology, University of Regensburg, Germany
- 10:25-10:50 *Title: Ryanodine Receptor-mediated Calcium Signaling in the Development of Pulmonary Hypertension*
Dr. Yong-Xiao Wang, Professor, Center for Cardiovascular Sciences, Albany Medical College, USA
- 10:50-11:15 *Title: Cardiovascular Implications of Nitric Oxide Signalling Via the cGMP-Kinase Substrate IRAG*
Dr. Jens Schlossmann, Professor, Department of Pharmacology and Toxicology, University of Regensburg, Germany
- 11:15-11:40 *Title: Prostanoid Mediated Inotropic Effects are Attenuated in Failing Human and Rat Ventricular Myocardium*
Dr. Jon Riise, Department of Pharmacology, University of Oslo, Norway
- 11:40-12:05 *Title: High Glucose/Myocardin/BK Channel Signaling Axis in Diabetic Vascular Diseases*
Dr. Yun-Min Zheng, Assistant Professor, Center of Cardiovascular Sciences, Albany Medical College, USA

**Section 5-4: Cardiac Pathology & Pathogenesis, Cell Death And Mitochondria**

Time: 13:30-15:10, December 8, 2010(Wednesday); Place: Room No. 8, 1st Floor, ECEC

- Chair** *Dr. Marcos Rossi*, Professor, Laboratory of Cellular and Molecular Cardiology, University of São Paulo, Brazil
- 13:30-13:50 *Title: Cardiac and Aortic Remodelling as a Result Of Pre-Term Birth: Implications for Future Cardiovascular Risk*
Dr. Mary Jane Black, Associate Professor & Deputy Head, Department of Anatomy and Developmental Biology, Monash University, Australia
- 13:50-14:10 *Title: Sepsis and the Heart*
Dr. Marcos Rossi, Professor, Laboratory of Cellular and Molecular Cardiology, University of São Paulo, Brazil
- 14:10-14:30 *Title: Activation of Ca²⁺-calmodulin-CaMKII Signaling at Onset of Hypertension*
Dr. Ye Chen Izu, Assistant Professor, Department of Pharmacology, University of California, USA
- 14:30-14:50 *Title: Cardiovascular Protection in Disease-Related Metabolic Acidosis: the Pharmacology of NHE-1 Inhibitors*
Dr. Dongmei Wu, Associate Professor, Department of Research, Mount Sinai Medical Center of Florida, USA
- 14:50-15:10 *Title: The Major Role of Mitochondria in Programmed Cell Death*
Dr. Shimon Rosenheck, Director, Arrhythmia Therapy Center, Hadassah Hebrew University Medical Center, Israel
- 15:10-15:25 **Coffee Break**

Section 5-5: Cardiac Dynamics

Time: 15:25-17:05, December 8, 2010(Wednesday); Place: Room No. 8, 1st Floor, ECEC

- Chair** *Dr. Edmond Jonckheere*, Professor, Ming Hsieh Department of Electrical Engineering and Department of Mathematics, University of Southern California, USA
- 15:25-15:50 *Title: Zero-One Test for Mixing Dynamics in RR Sequence*
Dr. Edmond Jonckheere, Professor, Ming Hsieh Department of Electrical Engineering and Department of Mathematics, University of Southern California, USA
- 15:50-16:15 *Title: Multifractal Analysis of Heart Rate and Its Physiological and Clinical Implication*
Dr. Myung-Kul Yum, Professor, Department of Pediatrics, Hanyang University School of Medicine, South Korea
- 16:15-16:40 *Title: Does the Average Heart Rate Contribute to the Prognostic Power of Heart Rate Variability*
Dr. Jerzy Sacha, Consultant Cardiologist, Department of Cardiology, Regional Medical Center in Opole, Poland
- 16:40-17:05 *Title: Cardiac Variant Fabry Disease - A Common Cause of Hypertrophic Cardiomyopathy in Chinese*
Dr. Cheng-Hung Huang, Visiting Staff, Department of Paediatrics, Taipei Veterans General Hospital, Taiwan

**Section 5-6: Management of Oxidative Stress in Diabetes**

Time: 10:25-12:05, December 9, 2010 (Thursday); Place: Room No. 11, 2nd Floor, ECEC

- Chair** *Dr. Andries Smit*, Professor, University Medical Center Groningen, University of Groningen, The Netherlands
- Co-Chair** *Dr. Ravi Nistala*, Clinical Instructor, Department of Internal Medicine, University of Missouri—Columbia School of Medicine, USA
- 10:25-10:50 *Title: New Clinically Applicable Methods to Assess Glycooxidative Stress in Diabetes*
Dr. Andries Smit, Professor, University Medical Center Groningen, University of Groningen, The Netherlands
- 10:50-11:15 *Title: Molecular Mechanisms of Statins in the Modification of Oxidative Stress in Diabetes and Chronic Kidney Diseases: Insights from Podocytes and Proximal Tubule Cells*
Dr. Ravi Nistala, Clinical Instructor, Department of Internal Medicine, University of Missouri—Columbia School of Medicine, USA
- 11:15-11:40 *Title: Glycation-induced Protein Modification and Oxidative Stress in Diabetes: Ameliorative Effects of Plant Phenolic Compounds*
Dr. Abhay S. Chakraborti, Professor, Department of Biophysics, Molecular Biology & Bioinformatics, University of Calcutta, India
- 11:40-12:05 *Title: New Therapies for Diabetic Kidney Disease (DKD) and Role of Antioxidants*
Dr. Axel Pflueger, Assistant Professor & Director, Diabetic Nephropathy Clinic, Mayo Clinic College of Medicine, USA (Presenter: Hannah Fields)

Chapter 6: Cardiovascular Drug Discovery and Development**Section 6-1: Cardiovascular Drug Discovery and Development**

Time: 08:30-12:05, December 8, 2010 (Wednesday); Place: Room No. 8, 1st Floor, ECEC

- Chair** *Dr. Susan T. Laing*, Director, Division of Cardiology, University of Texas Houston, Texas & Memorial Hermann Hospital at the Texas Medical Center, USA
- Co-Chair** *Dr. Margareta Blomback*, Professor Emeritus, Department of Molecular Medicine & Surgery, Karolinska Institutet, Karolinska University Hospital, Sweden
- 08:30-08:55 *Title: Targeted Ultrasound-Releasable Drug-Loaded Contrast Agents: A Novel Magic Bullet*
Dr. Susan T. Laing, Director, Division of Cardiology, University of Texas Houston, Texas & Memorial Hermann Hospital at the Texas Medical Center, USA
- 08:55-09:20 *Title: Molecular Aspects on Haemostatic C Research Made at Karolinska Institutet: Studies On Fibrinogen, Fibrinopeptides; Development of Thrombin Inhibitors and Their Effect on Fibrin Network*
Dr. Margareta Blomback, Professor Emeritus, Department of Molecular Medicine & Surgery, Karolinska Institutet, Karolinska University Hospital, Sweden
- 09:20-09:45 *Title: Cardiac Regeneration and Repair in the Injured Myocardium*
Dr. Lili Barouch, Assistant Professor of Medicine, Division of Cardiology, Johns Hopkins University, USA
- 09:45-10:10 *Title: Hyaluronic Acid Binding Protein 2 (HABP2) is a Novel Therapeutic Target for Syndromes of Increased Vascular Permeability*
Dr. Patrick A. Singleton, Assistant Professor, Department of Anesthesia and Critical Care, Pritzker School of Medicine, The University of Chicago, USA
- 10:10-10:25 **Coffee Break**



- 10:25-10:50 *Title: Perioperative Risk Assessment for Non Cardiac Surgery and Update on Perioperative Beta Blockers*
Dr. Damodar R. Kumbala, Clinical Assistant Professor, Tulane University School of Medicine, Ochsner Clinic Foundation, USA
- 10:50-11:15 *Title: Reducing Ischemia/Reperfusion Injury Via Exosomes Secreted from Mesenchymal Stem Cells*
Dr. Sai Kiang Lim, Principal Investigator, Institute of Medical, Biology, Singapore
- 11:15-11:40 *Title: Stem Cell Therapy and its Clinical Application in Cardiology – Latvian Centre of Cardiology Experience*
Dr. Andrejs Erglis, Chief, University of Latvian, Pauls Stadins Clinical University Hospital, Latvia
- 11:40-12:05 *Title: Thrombin or Xa-inhibitors Increase Fibrin Network Porosity and Thus Facilitate Fibrinolysis*
Dr. Shu He, Senior Laboratory Manager; Project Leader, Clinical Research Center at Danderys Hospital, Karolinska Institute, Sweden

Chapter 7: Preventive Cardiology, Nutrition, Life Style and Alternative Medicine

Section 7-1: Preventive Cardiology, Nutrition, Life Style and Alternative Medicine

Time: 08:30-12:05, December 9, 2010 (Thursday); Place: Room No. 16, 2nd Floor, ECEC

- Chair** *Dr. Eduardo Farinaro*, Professor & Director, Department of Preventive Medical, University of Naples Federico II, Italy
- Co-Chair** *Dr. Patricia M. Davidson*, Professor & Director, Centre for Cardiovascular and Chronic Care, Curtin University, Australia
- 08:30-08:55 *Title: Cardiovascular Risk Factors at Beginning of the Third Millennium --A Global Overview*
Dr. Eduardo Farinaro, Professor & Director, Department of Preventive Medical, University of Naples Federico II, Italy
- 08:55-09:20 *Title: Multidisciplinary Guidelines for Heart Failure Care in Australia: An Initiative of the Heart Foundation*
Dr. Patricia M. Davidson, Professor & Director, Centre for Cardiovascular and Chronic Care, Curtin University, Australia
- 09:20-09:45 *Title: Management of Depression in Patients with Acute Coronary Syndrome*
Dr. Chiara Rafanelli, Associate Professor, Department of Psychology, University of Bologna, Italy
- 09:45-10:10 *Title: Do the Health Benefits of Cycling Outweigh the Risks?*
Dr. J. J. de Hartog, Research Assistant Professor, Institute for Risk Assessment Sciences (IRAS), Utrecht University, The Netherlands
- 10:10-10:25 **Coffee Break**
- 10:25-10:50 *Title: Nurse Thrombolysis: Exploring the Evidence from an Evolving Field in the Context of UK Policy Drivers*
Dr. Marie Sloman, Staff Nurse, Cardiac Investigation Unit, Auckland City Hospital, New Zealand
- 10:50-11:15 *Title: Focus on the Epidemiology of the Metabolic Syndrome and Several of Its Potential Determinants Among the Apparently Healthy Adults in Luxembourg*
Dr. Ala 'a Alkerwi, Project Leader, CRP-Santé, Centre for Health Studies, Grand-Duchy of Luxembourg, University of Liège, School of Public Health, Belgium
- 11:15-11:40 *Title: Poor Adherence and Cardiovascular Prevention: Clinical and Economic Consequences*
Dr. Peter Lindgren, Director, Health Economics and Outcomes, i3 Innovus & Karolinska Institutet, Sweden
- 11:40-12:05 *Title: Pharmacological Risk Reduction in Asymptomatic Peripheral Arterial Disease: Is treatment Cost-effective?*
Dr. Birgitta Sigvant, Research Leader, Department of Surgery, Central Hospital Karlstad, Sweden