



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

SATURDAY, JULY 28, 2012

09:00 – 10:15

Hall A

OPENING CEREMONY

09:35 – 10:15

Hall A

OPENING LECTURE

10:45 – 13:15

Hall A

PL01 Plenary Session

MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

- 10:45 **Cell Longevity Pathways Govern Vascular and Inflammatory Responses to Oxidant Stress** (Invited Lecture)
Kenneth Maiese, New Jersey Medical School, Newark, NJ, USA
- 11:00 **Calpain-Mediated Dystrophin Disruption may be a Potential Structural Culprit Behind Chronic Doxorubicin-Induced Cardiomyopathy** (Invited Lecture)
Marcos A. Rossi, University of Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil
- 11:15 **Stem Cells and Vascular Disease** (Invited Lecture)
Qingbo Xu, Kings College London, UK
- 11:30 **The Effects of Risk Factors on Endothelial Progenitor Cells in Cardiovascular Diseases** (Invited Lecture)
Shing-Jong Lin, National Yang-Ming University and Taipei Veterans General Hospital, Taipei, Taiwan
- 11:45 **The Conundrum of Myocardial Regeneration** (Invited Lecture)
Werner Mohl, Medizinische Universität Wien, Vienna, Austria
- 12:00 **CO-ORDINATED AUTOPHAGY WITH RESVERATROL AND γ -TOCOTRIENOL CONFERS SYNERGETIC CARDIOPROTECTION** (Invited Lecture)
Dipak K. Das, University of Connecticut School of Medicine, Farmington, CT, USA
- 12:15 **MYOCARDIN ACTIVITY IS REGULATED BY PROTEASOMAL DEGRADATION** (Invited Lecture)
Xi-Long Zheng, The University of Calgary, AL, Canada

SATURDAY, JULY 28, 2012

MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE (cont)

- 12:30 **HIV-1 Infection is Associated with Impaired Endothelial Progenitor Cell Function**
Kyle.J. Diehl, O.J. MacEneaney, J.J. Greiner, B.L. Stauffer, E. Connick, C.A. DeSouza
University of Colorado, Boulder, Colorado, USA
- 12:45 **Ginsenoside Re Enhances the Survival of H9c2 Cardiac Muscle Cells through Regulation of Autophagy**
Z-L. Zhang, Y. Fan, **Mei-Lin Liu**
Peking University First Hospital, Beijing, China
- 13:00 **Cardiac Specific Over-Expression of Membrane-Associated Human Stem Cell Factor Improves Cardiac Function in Diabetic Mice** (Invited Lecture)
Fu-Li Xiang, Y. Liu, X.R. Lu, M.R. Liu, Q.P. Feng
Western University, London, Ontario and Lawson Health Research Institute, London, ON, Canada
- 13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15

Hall B

PL02 Plenary Session

CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION

- 10:45 **Progress in Echocardiography** (Invited Lecture)
Navin C. Nanda, University of Alabama at Birmingham, Birmingham, AL, USA
- 11:00 **Valvular Heart Disease: Can MRI Trump the Echocardiogram?** (Invited Lecture)
Robert W.W. Biederman, University Allegheny General Hospital, Pittsburgh, PA, USA
- 11:15 **Novel Echocardiographic Indices of Left Ventricular Diastolic Function** (Invited Lecture)
Sherif F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA
- 11:30 **Evaluation of Chest Pain in the Emergency Department: A Patient-Centered Imaging Approach** (Invited Lecture)
John J. Mahmarian, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA
- 11:45 **USEFULNESS OF OPTICAL COHERENCE TOMOGRAPHY IN CLINICAL PRACTICE IN PATIENTS WITH CORONARY ARTERY DISEASE** (Invited Lecture)
Takashi Akasaka, Wakayama Medical University, Japan
- 12:00 **Review of Movahed's Sign (D Shaped Left Ventricle Seen on Gated SPECT) Suggestive of Right Ventricular Overload** (Invited Lecture)
Mohammad-Reza Movahed, University of Arizona Sarver Heart Center, Tucson, AZ, USA
- 12:15 **Stress Echocardiography. Diagnosis, Prognosis and Recent Advances** (Invited Lecture)
Abdou Elhendy, Marshfield, WI, USA

SATURDAY, JULY 28, 2012

PL02 CARDIOVASCULAR IMAGING FOR EVALUATION OF CARDIAC STRUCTURE AND FUNCTION (cont)

- 12:30 **Vulnerable Plaque and Vulnerable Patient: Insights from IVUS and OCT**
(Invited Lecture)
Hiroyuki Okura, Kawasaki Medical School, Kurashiki, Japan
- 12:45 **Diagnostic Accuracy of Exercise Echocardiography** (Invited Lecture)
Maria Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia
- 13:00 **Cardiac Magnetic Resonance Imaging in Peripartum Cardiomyopathy**
(Invited Lecture)
Natasha P. Arora, N. Mahajan, R. Danrad, A. Kottam, T. Li, T. Mohamad, L.C. Afonso
Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA
- 13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15

Hall C

S21 Session
VALVULAR HEART DISEASE, DISEASES OF THE THORACIC AORTA, CONGENITAL HEART DISEASE, PEDIATRIC CARDIOLOGY

- 10:45 **Identifying the Most Cost Effective Method of Risk Assessing Asymptomatic Wolff-Parkinson-White Patients**
Christopher S. Snyder, P.E. Thomas, J. Steinberg
Rainbow Babies and Children's Hospital, Cleveland, OH, USA
- 11:00 **Unpredictable "De Novo" Atrial Fibrillation Occurrence after Mitral Valve Repair vs Replacement**
Giovanni Peretto, A. Durante, N. Cristell, C. Meloni, A. Laricchia, M. Spartera, F. Ancona, S. Benussi, O. Alfieri, D. Cianflone
Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy
- 11:15 **Heart Valve Tissue Regeneration with Extracellular Matrix Bio-Scaffold: A New Surgical Technique**
W.D. Boyd, J.N. Young, J. Sullivan, H.K. Bhullar, S. Mayberg, S. Kim, W.J. Bommer
University of California, Davis, Sacramento, CA, USA
- 11:30 **Intracardiac Cavopulmonary Connection in Patients with Univentricular Heart Using Intra-Atrial Lateral Tunnel and Intra-Atrial Conduit Techniques**
Miguel A. Maluf
Cardiovascular Division, Universidade Federal de São Paulo, São Paulo, Brazil
- 11:45 **Long Term Follow-up of Transcatheter Device Closure of PM-VSD**
Mohammed S. Alhabdan, A.N. Alomrani
College of Medicine, Al-Imam University, Riyadh, Saudi Arabia
- 12:00 **Peculiarities of Congenital Heart Diseases in Adults**
Y. Pya, S. Alimbaev, M. Freund, M. Aripov, **Saule Kadirova**, R. Murzabaeva
National Research Cardiac Surgery Center, Astana, Kazakhstan

SATURDAY, JULY 28, 2012

**S21 VALVULAR HEART DISEASE, DISEASES OF THE THORACIC AORTA,
CONGENITAL HEART DISEASE, PEDIATRIC CARDIOLOGY**

- 12:15 **Insights into the Aortic Wall**
John A. Elefteriades, Yale University School of Medicine, New Haven, CT, USA
- 12:30 **Brain Natriuretic Peptide as a Predictor of Volume-Overload in Children with Shunt Lesion**
Inas A. Saad, T.S. Ibrahim
Cairo University, Egypt
- 12:45 **Thrombosis Following Closure of Large Distal Coronary Artery Fistula - To Close or Not Close Large Distal CAF?**
Srinath G. Gowda, T.F. Forbes, H.S. Singh, L.L. Latson, L.P. Prieto, D.T. Turner
The Children's Hospital of Michigan, MI, USA
- 13:00 **The Outcome of Transcatheter Patent Ductus Arteriosus Closure in Patients Weighing ≤ 8 kg**
Yasser Alheraish, A. Alomrani, M. Aljoufan
King Faisal Specialist Hospital and Research Center, Heart Institute,
Riyadh, Saudi Arabia
- 13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

S22 Session
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

- 10:45 **Diminished Endothelial Fibrinolytic Capacity in Adults with Impaired Fasting Glucose**
Kyle J. Diehl, B.R. Weil, D.L. Templeton, J.J. Greiner, B.L. Stauffer, C.A. DeSouza
University of Colorado, Boulder, CO, USA
- 11:00 **Association of Glycated Hemoglobin with Long-Term Adverse Cardiac Events after Percutaneous Coronary Intervention in Non Diabetes Patients (With Coronary Artery Disease): An Observational Study from the Korean Coact Registry**
Ji Hye Jang, S.H. Her, M.W. Park, C.J. Kim, J.B. Kwon
Daejeon St. Mary's Hospital, Daejeon, South Korea
- 11:15 **Prognostic Impact of Diabetes Mellitus on a Well-Defined Multi-Ethnic Asian Clinical Heart Failure Population: A One-Year Follow-Up for a Three-Year Cohort**
Siang C. Chai, Y. Cao, P.P. Goh, G. Leong
Changi General Hospital, Singapore
- 11:30 **The Influence of Diabetes on Cardiovascular Outcomes in Acute Heart Failure Patients in Singapore**
Yun Yun Go, N. Shanmugam, L.L. Sim, S.Y. Chia, F.R. Jaufeerally, D. Sim, B. Kwok, F. Gao, R. Liew
National Heart Center Singapore, Singapore
- 11:45 **CD36 Promotes Adipocyte Differentiation and Adipogenesis**
Roger H. Lijnen, V. Christiaens, I. Scroyen
Center for Molecular and Vascular Biology, KU Leuven, Leuven, Belgium
- 12:00 **Aspirin Resistance in Well Controlled Type II Diabetes Mellitus**
Shahdad Khosropanah, A. Shadmehr
Shiraz University of Medical Sciences, Shiraz, Iran
- 12:15 **Indrisk: A Type 2 Diabetes Screening Tool for Primary Health Care Providers in Rural India**
Thirunavukkarasu Sathish, S. Kannan, P.S. Sarma, K.R. Thankappan
Monash University, VIC., Australia
- 12:30 **Pharmacological Studies on Thunbergia Alata Bojer Ex Sims: A Plant along with the Numerous Potencies**
Md A.H. Mollik
Practical Academy on Wise Education and Research Foundation, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, PA, USA
- 12:45 **Randomized 30-Days Trial with Granulated Gymnema Green Tea to Reduce Blood Sugar**
A.K.M. Alamgir
St Michael's Hospital, Toronto, ON, Canada

SATURDAY, JULY 28, 2012

S22 METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS (cont)

13:00 Body Surface Area-Indexed Left Atrial Volume Paradox after Surgical Treatment for Morbid Obesity

G.H. Yao, L. Navaravong, J. Abboud, J. D'Amours, A. King, **Leng Jiang**
Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA

13:15 Parental Perception of Childhood Obesity and Potential Determinants in the United Arab Emirates

Abdishakur Abdulle, A. Aljunaibi, N. Nagelkerke
Faculty of Medicine, UAE University, Al-Ain, UAE

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

P101 Poster Session
INTERVENTIONAL CARDIOLOGY I

Acute versus Chronic Coronary Disease Outcomes in Octogenarians with Chronic Kidney Disease

Digant Bhatt, G. Trivedi, M.U. Saqlain, M. Gibb, S. Mehta, P. Kansara
University of Illinois College of Medicine, Urbana-Champaign, IL, USA

Impact of Stent Length on Neointimal Hyperplasia after Resolute Zotarolimus-Eluting Stent Implantation

Ryotaro Yamada, T. Kume, K. Waseda, P.G. Yock, I.T. Meredith, M.B. Leon, L. Mauri, A.C. Yeung, P.J. Fitzgerald, Y. Honda
Stanford University Medical Center, CA, USA

Saphenous Vein Graft PCI via Radial Artery Access: Safe and Effective with Reduced Hospital Length of Stay

Shantu S. Bundhoo, P. Freeman, V. Kunadian, S. Vijayan, R. Edwards, T.D. Kinnaird, A. Zaman, R.A. Anderson

In-Hospital Mortality of Obese Patients Undergoing Percutaneous Coronary Intervention has been Declining from 1994 To 2006

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

Comparison of Baseline Characteristics and Outcomes between Early and Late Staged Percutaneous Coronary Intervention for Acute Coronary Syndrome

N. Balasubramaniam, W.S. Aronow, C. Palaniswamy, H.M. Lai, J. Doshi, L.J. Cuomo, **Sahil Khera**, S. Sule, S.J. Peterson
New York Medical College, Valhalla, NY, USA

Technique and Procedural Outcome of Percutaneous Coronary Intervention for Chronic Total Occlusion

S Sehlii, **Teerapat Nantsupawat**, A Velasco, N Nantsupawat, A Kumar
Texas Tech University Health Sciences Center, Lubbock, TX, USA

Brachytherapy for In-Stent Restenosis: Outcomes at 90 Days

Guru N. Srinivas, A. Singh, B. Kaplan, B.M. Arkonac, D. Jauhar, S. Singal, R. Jauhar
Long Island Jewish Medical Center New Hyde Park, NY, USA

P102 Poster Session
CARDIOMYOPATHIES: VARIOUS ETIOLOGIES

Features of Primary Dilated Cardiomyopathy among Egyptian Heart Failure Patients

Bassem S. Ibrahim, R.N. Hanna, M. Aboelenein, R.H. Aziz, M. Abdelhady, M. Fahmy, M. Ali
National Heart Institute, Cairo, Egypt

Unrecognized Isolated Left Ventricular Noncompaction Presenting as Stroke in a Young Woman

Giselle A. Baquero, D.J. Colegrove, J.E. Banchs
Penn State College of Medicine. Hershey, PA, USA

Peripartum Heart Failure with Normal Ejection Fraction: A Novel Entity in the Spectrum of Peripartum Cardiomyopathy

Natasha P. Arora, N. Mahajan, K. Ballapuram, A. Kottam, M. Toosi, L.C. Afonso
Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA

Clinical Characteristics of Peripartum Cardiomyopathy in Egyptian Women: A Report of 10 Patients

Bassem S. Ibrahim, R.N. Hanna, M. AboEleinen
National Heart Institute, Cairo, Egypt

P103 Poster Session
CONSTRUCTIVE PERICARDITIS

Octopus beyond Coronary Artery Bypass Surgery

Sushil K. Singh, V. Tewarson, A. Kumar, T. Goyal, D. Kaushal, S. Kumar, V. Devenraj, N. Rajput, S. Kumar
CSM Medical University, Lucknow, India

Significant Coronary Flow Impairment Secondary to Effusive Constrictive Pericarditis

A.R. AL Emam, **Wissam I. Khalife**, G. Abu Said, M. Morsy
University of Texas Medical Branch, Galveston, TX, USA

**P104 Poster Session
ECHOCARDIOGRAPHY**

Is Echocardiography Reliable in Evaluating the Ascending Aorta Compared to Computed Tomography in Patients with Bicuspid Aortic Valve?

Amol Raizada, M.Q. Najib, J. Ganji, **Mohan Kumar**, H.P. Chaliki
May Clinic, Scottsdale, AZ, USA

Prediction of Recurrent Ventricular Arrhythmias after Myocardial Infarction by Speckle Tracking Echocardiography

B.L. Nguyen, L. Capotosto, G. D'Alessandro, A. Rafique, E.S. Gang, F. Barilla, R.J. Siegel, A. Vitarelli, Sapienza University, Rome, Italy

Clinically Unrecognized Mitral Regurgitation is Prevalent in Lone Atrial Fibrillation and may be Etiologically Related to Development of Lone Atrial Fibrillation

S. Sharma, **Sarabjeet Singh**, R. Sandhu, N. Bhambi, R. Sharma, B.K. Bhambi
Bakersfield Heart Hospital, Bakersfield, CA, USA

Moving Beyond the Abstract: Objective Determinants of Right Heart Failure

M.M. Ahmed, J. Petersen, A. Szady, **Juan M. Aranda jr.**, R. Schofield
UF College of Medicine, University of Florida, Gainesville, FL, USA

Comparison of Cardiac Output Determined by Thermodilution, The Fick Method, and Transthoracic Echocardiography

A.A. Khanfar, W.I. Khalife, M. Morsy, P. Nalabothu, R. Merla, H.K. Kuo, **Molham Aldeiri**

Assessment of Right Atrial Function Compared to Interatrial Septum and Left Atrium: A Doppler Myocardial Imaging Study in Healthy Subjects

Z. Ojaghi-Haghighi, A. Alizadehasl, M. Maleki, N. Naderi, M. Esmaeilzadeh, F. Noohi, H. Moladoust, H. Bakhshandeh, P. Nakhostin Davari, R. Azarfarin
Tehran University of Medical Sciences, Tehran, Iran

Echocardiographic Evaluation of Patients with Chronic Thromboembolic Pulmonary Hypertension Before and after Pulmonary Artery Endarterectomy

M. Shojaeifard, G.H. Omrani, **Maryam Esmaeilzadeh**, H. Bakhshandeh Abkenar
Tehran University of Medical Sciences, Tehran, Iran

Effect of Echo Contrast on Wall Thickness Measurements: Comparison with MRI

R. Bhardwaj, P. Sharma, T. Kazmi, **Jerry Roy**, A.P. Morise, G. Hobbs, A.C. Jain, C.F. Failingier
West Virginia University, Morgantown, WV, USA

Echocardiographic Findings in Pulmonary Embolism

Ronny Cohen, P. Loarte, V. Navarro, B. Mirrer
Woodhull Medical Center - Division of Cardiology, NYU School of Medicine. Brooklyn, NY, USA

P105 Poster Session
CAD: PROGNOSIS, RISK STRATIFICATION

Evaluation of a Novel Algorithm for Cardiac Risk Assessment in Patients Referred for Kidney Transplant

Kiran K. Mogali, J.R. Vilaro, M.M. Ahmed, M.C. Karam Demori, J.M. Aranda, jr.
University of Florida College of Medicine, Gainesville, FL, USA

Cardiometabolic Risk Factors, Revealed in Health Centers, and Prolongation of QT-Interval

Marina V. Avdeeva, A.B. Shapovalova, L.V. Shcheglova
St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia

Serial Measurements of Troponin after an Acute Coronary Syndrome

Estella M. Macin, M. Onocko, M. Arevalo, R. Zoni, E.R. Perna, L. Reyes,
J.M. Lange, B. Gonzalez Arjol, L. Peña, M. Brizuela
Instituto de Cardiologia JFCabral, Corrientes, Argentina

The Relationships between Self-Rated Health and Serum Lipids across Time

A. Shirom, S. Toker, S. Melamed, **Itzhak Shapira**
Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University,
Tel Aviv, Israel

Atrial Fibrillation and Myocardial Infarction: A Common Finding?

Estella M. Macin, R. Zoni, M. Onocko, M. Arevalo, C. Burgos, S. Popilosky,
E.R. Perna, F. Echeverria
Instituto de Cardiologia JFCabral, Corrientes, Argentina

Assessing the Role of Homocystein in Number and Severity of Coronary Artery Disease (CAD), in Patients with and Without Major Coronary Risk Factors that Underwent Elective Coronary Angiography

M. Sadeghi, **Behrad Elahi**
Rajayi Heart Center, Tehran, Iran

P106 Poster Session
SYSTEMIC HYPERTENSION: BASIC AND CLINICAL

Pre-Diabetes in Hypertensive Patients with Vitamin D Deficiency

N.K. Agarwal, **Shashi K. Agarwal**

St. George's University, St. George's, Grenada, West Indies, Agarwal Health Center, East Orange, NJ, USA

Anthropometric Measures as Predictors of Prehypertension in Adolescents

Mayela Bracho, C. Esis, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez, G. Calmon, Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela

12-Week Treatment with Valsartan on Central Aortic Systolic Pressure Measured by Bpro Device in Hypertensive Asians

Hui H. Teong, A. Chin, A.A. Sule, V. Chadachan, P. Handa, J.C. Tay
Tan Tock Seng Hospital, Singapore

Effect of Prior Anti-Hypertensive use on Mortality in Patients with Cardiogenic Shock Requiring Intraaortic Balloon Pump Usage

Jia H.J. See, J. Chow, Changi General Hospital, Singapore

Subclinical Depression in a Hypertensive Population

Shashi K. Agarwal, Agarwal Health Center, East Orange, NJ, USA

The Association between Physical Activity Levels and Blood Pressure

Dilani Wijesena, J. Liu, Brock University, ON, Canada

Renal Sympathetic Denervation: A Systematic Analysis

S. Sontineni, **Ojas Bansal**, Creighton University, Omaha, NE, USA

Prevalence of Hypertension and Factors Associated Among High School Students in Zahedan, Iran

Fatemeh Khoshkhou, A. Arbabisarjou
Islamic Azad University of Zahedan Branch, Zahedan, Iran

Investigations of Plants Used for the Hypertension in the Daganbhuiyan Upazila within Feni District of Bangladesh

Md A.H. Mollik

Peoples Integrated Alliance, Mirpur, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, Pennsylvania, USA

SATURDAY, JULY 28, 2012

14:00 – 16:30

Hall A

PL03 Plenary Session

NEW INSIGHTS INTO THE PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES

- 14:00 **Mechanisms of Cardiac Dysfunction in Diabetic Cardiomyopathy**
(Invited Lecture)
Naranjan S. Dhalla, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada
- 14:15 **ARE there Differences in Pathophysiology and Ventricular Remodeling between Systolic and Diastolic Heart Failure?** (Invited Lecture)
Kanu Chatterjee, Medicine University of Iowa, Medicine University of California San Francisco, CA, USA
- 14:30 **Peripartum Cardiomyopathy: New Concepts in Pathophysiology and Management** (Invited Lecture)
Uri Elkayam, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA
- 14:45 **Aptamers Bind and Neutralize Beta1-Receptor Autoantibodies: Basics for a New Treatment Option in Cardiomyopathy** (Invited Lecture)
Ingolf Schimke, Pathobiochemie and Medizinische Chemie Charite - Universitätsmedizin Berlin, Germany
- 15:00 **Cardiotoxicity in Cancer Therapy** (Invited Lecture)
Jennifer Liu, Memorial Sloan Kettering Cancer Center, New York, NY, USA
- 15:15 **Alcohol Septal Ablation vs. Septal Myectomy for HOCM: When to do which**
(Invited Lecture)
Michael A. Fifer, Massachusetts General Hospital, Boston, MA, USA
- 15:30 **Iron-overload Cardiomyopathy: Pathophysiology, Diagnosis, and Treatment**
(Invited Lecture)
Gavin Y. Oudit, Mackenzie Health Sciences Centre Edmonton, Alberta, Canada
- 15:45 **The Degradation System in Cardiomyocytes** (Invited Lecture)
Osamu Yamaguchi, Osaka University Graduate School of Medicine, Japan
- 16:00 **Troponins I and T In Clinical Practice: Is there a Need for Common References?**
(Invited Lecture)
D. Anzulović Mirošević, M. Zaninotto, M.M. Mion, M. Plebani, **Sergio Dalla-Volta**
Depts. of Cardiology, University of Padova Medical School, Padova, Italy
- 16:15 **A Systematic Review for Sudden Cardiac Death in Hypertrophic Cardiomyopathy Patients with Myocardial Fibrosis: A CMR LGE Study**
Robert W. Biederman, N.J. Silva, A.T. Paladino, M. Doyle, S.T. Reddy, G. Rayarao, J. Yamrozik, R.B. Williams, D.A. Vido
Gerald McGinnis Cardiovascular Institute, Allegheny General Hospital, Pittsburgh, PA, USA
- 16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SATURDAY, JULY 28, 2012

14:00 – 16:30

Hall B

PL04 Plenary Session

**SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA
MANAGEMENT**

- 14:00 **Cardiac Arrhythmias in the Elderly-Management Issues** (Invited Lecture)
Adarsh Kumar, Govt. Medical College/G.N.D. Hospital, Amritsar, Punjab, India
- 14:15 **New Insights into Identification of Patients at Risk for Sudden Cardiac Death**
(Invited Lecture)
Michael E. Cain, University at Buffalo, Buffalo, NY, USA
- 14:30 **Is Cardiac Resynchronization Therapy Proarrhythmic?** (Invited Lecture)
Anne Curtis, University of Buffalo, Buffalo, NY, USA
- 14:45 **The Prevalence and Prognostic Significance of Early Repolarization (J wave) in Brugada Syndrome** (Invited Lecture)
Masahiko Takagi, Osaka City University Graduate School of Medicine, Osaka, Japan
- 15:00 **Arrhythmogenic Right Ventricular Cardiomyopathy: Disease of the Desmosome with Multiple Clinical Presentations** (Invited Lecture)
Firat Duru, University Hospital of Zurich, Switzerland
- 15:15 **Heart Failure and AICD'S: Time to go beyond the Initial Shock** (Invited Lecture)
Juan M. Aranda jr., University of Florida College of Medicine, Gainesville, FL, USA
- 15:30 **Diagnostic Significance of Tc-99m-Pyp Radionuclide Myocardial Scintigraphy, Evaluating Possible Presence, Severity of Sarcoid Cardiomyopathy and Sudden Cardiac Death Risk Prevention in 178 Systemic Sarcoidosis Patients Studied** (Invited Lecture)
Nestor I. Angomachalelis, Aristotle University School of Medicine, Thessaloniki, Greece
- 15:45 **Benefit of AV- and VV-Delay Optimization in Patients Treated with Cardiac Resynchronization Therapy: A Meta-Analysis**
Dominique Auger, U. Hoke, J.J. Bax, E. Boersma, V. Delgado
Centre Hsopitalier de l'Universite de Montreal, Montreal, QC, Canada
- 16:00 **Therapeutic Hypothermia is Associated with a Good Neurologic Outcome in Patients who Survived an In-Hospital Cardiac Arrest**
Sanjeev U. Nair, T. Macatangay, J.B. Lundbye
Hartford Hospital, Hartford, CT, USA
- 16:15 **Clinical Variables Associated with the Development of Electrical Storm in Patients with Chagas' Disease and an ICD**
William F. McIntyre, M. Valentino, A. Treggia, W.M. Hopman, A. Baranchuk
Kingston General Hospital, Queen's University, Kingston, ON, Canada
- 16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

S23 Session
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

- 14:00 **Independent Predictors of Mortality, Rehospitalization, and Cardiac Syncope in the Elderly: A Retrospective Study**
Sahil Khera, W.S. Aronow, C. Palaniswamy, S. Sule, J.V. Doshi, S. Adapa, N. Balasubramaniam, C. Ahn, S.J. Peterson, C. Nabors
 New York Medical College, Valhalla, NY, USA
- 14:15 **Frailty is Independently Associated with Short-Term Outcomes for Elderly Patients with Non-ST-Segment Elevation Myocardial Infarction**
Niklas G. Ekerstad, E. Swahn, M. Janzon, J. Alfredsson, R. Lofmark, M. Lindenberg, P. Carlsson
 The Centre for Medical Technology Assessment/IMH, Linkoping University and Trollhattan-Vanersborg-Uddevalla, Sweden
- 14:30 **Microvascular Retinopathy Predicts Future Cardiac Events in Patients with Chronic Obstructive Pulmonary Disease**
Sky K. Chew, A. Hutchinson, D. Colville, J. Savige
 The Northern Hospital, Melbourne, VIC, , Royal Melbourne Hospital, Melbourne, VIC, Australia
- 14:45 **Lack of Insurance and Bleeding Events are Strong Predictors of In-Hospital Mortality in Acute Myocardial Infarction**
Imdad Ahmed, P. Sharma, P. Borua, S.B. Pancholy
 Wright Center for Graduate Medical Education, Scranton and The Commonwealth Medical College, Scranton, PA, USA
- 15:00 **Lipid Profile in 3 Different Ethnic Groups in the Very Onset of ST Segment Elevation Myocardial Infarction (STEMI)**
 F. Ancona, M. Spartera, N. Cristell, A. Durante, A. Laricchia, **Giovanni Peretto**, D. Hu, Uren NG, A. Maseri, D. Cianflone
 Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy
- 15:15 **Association between Pneumococcal Vaccination and Mortality in Patients with ST-Elevation Myocardial Infarction**
 B. Kaseer, J. Chahin, R. Weyandt, **Maliha Zahid**
 ExcelaHealth Cardiology, Greensburg, PA, USA, University of Pittsburgh, Pittsburgh, PA, USA
- 15:30 **Applying the Cadillac Risk Score in Asian Patients with Acute ST Segment Elevation Myocardial Infarction who Underwent Primary Percutaneous Coronary Intervention**
Boon Wah Matthew Liew, J. Chow, S.H. Ong, C.H. Tan, P.P. Goh
 Changi General Hospital, Singapore
- 15:45 **Effect of Xuezhikang, an Extract from Red Yeast Chinese Rice, on Coronary Events in a Chinese Population with Prior Myocardial Infarction**
 Z. Lu, W. Kou, B. Du, Y. Wu, S. Zhao, **David. M. Capuzzi**
 Thomas Jefferson University, Philadelphia, PA, Lankenau Institute for Medical Research, Wynnewood, PA, USA

SATURDAY, JULY 28, 2012

S23 SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION (cont)

- 16:00 **Cigarette Smoking Increases Aspirin Resistance In Stable Angina**
Shahdad Khosropanah, A. Azad
Shiraz University of Medical Sciences, Shiraz, Iran
- 16:15 **Blood Glucose Level on Admission as a Simple Predictor of Coronary Occlusion Degree in Acute Coronary Syndrome**
Cindya K. Simanjuntak, F. Liwang, B. Aprilia, W.J. Iskandar, G. Lilihata, R. Kurniawan, F.C. Fredy, S.A. Nasution
Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia
- 16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:15

Hall D

S24 Session
NEW DIRECTIONS IN CARDIAC SURGERY: SURGICAL REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION

- 14:00 **Case Series using the Rotaflow System for Temporary Right Ventricular Assist Device Following Heartmate II Implantation**
Abbas Khani-Hanjani, G. Loor, M. Mountis, T. Chameogeorgakis, A. Shafii, M. Hanna, E. Soltesz, G.V. Gonzalez-Stawinski
Cleveland Clinic, Cleveland, OH, USA
- 14:15 **Combined Heart and Liver Transplantation - The Cleveland Clinic Experience**
A. Dave Nagpal, T. Chameogeorgakis, A.E. Shafii, M. Hanna, C.M. Miller, J. Fung, G.V. Gonzales-Stawinski
Cleveland Clinic, Cleveland, OH, USA
- 14:30 **Development of Severe Chronic Kidney Disease after Orthotopic Heart Transplantation**
H. Yerebakan, M. Ji, A. Kossar, *Salman Khalid*, S. Jones, L. Soni, M. Argenziano, H. Takama, Y. Naka, F.H. Cheema
University of Connecticut Health Center, Farmington, CT, USA
- 14:45 **Aldehyde Dehydrogenase-2 Activation Increases the Cardioprotection Effect during Cardioplegic Arrest in an Isolated Rat Heart Model**
Hao Zhang, D.X. Gong, H.Y. Gu, Y.J. Zhang, Fuwai Hospital, Beijing, China
- 15:00 **Surgical Treatment of Myocardial Bridging in 46 Patients**
Qingyu Y. Wu, Z.H. Xu, H.Y. Li, B. Yuan, *Lianyi Wang*
Heart Center, First Hospital of Tsinghua University, Beijing, China
- 15:15 **Safety and Predisposition for Infections after Dental Procedures in Mechanical Assist Devices (LVADs) Recipients**
Kelly C. McCants, J.B. McCants, P.S. Combs, P. Raheja, E. Birks, M.S. Slaughter
University of Louisville & Jewish Hospital, Louisville, KY, USA
- 15:30 **Intra-Aortic Balloon Pump Counterpulsation has no Effect on in-Hospital Mortality in Acute Coronary Syndromes Complicated by Cardiogenic Shock**
Costin N. Ionescu, P. ElAzoury, T.J. Donohue, A. Ghantous
Hospital of Saint Raphael, New Haven, CT, USA

SATURDAY, JULY 28, 2012

**S24 NEW DIRECTIONS IN CARDIAC SURGERY: SURGICAL REVASCULARIZATION /
MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION (cont)**

15:45 Correlation between Hypomagnesemia and Coronary Vasculopathy Post Heart Transplant

W.I. Khalife, M. Morsy, S. Garikipati, P. Nalabothu
University of Texas Medical Branch, Galveston, TX, USA

16:00 Exercise Response after Cardiac Transplantation

Emmanuel Abiodun Oluwatosin
Renaissance Consultant, Lagos, Nigeria

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SATURDAY, JULY 28, 2012

16:45 – 19:15

Hall A

PL05 Plenary Session

A GLIMPSE TO THE FUTURE – GENETICS OF HEART DISEASE

Joint Session with the American College of Cardiology / California Chapter

- 16:45 **Gene Delivery to Regulate Vascular Smooth Muscle Function** (Invited Lecture)
James D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 17:00 **Genetics of Coronary Artery Disease** (Invited Lecture)
Robert Roberts, University of Ottawa Heart Institute, ON, Canada
- 17:15 **NEW APPROACHES TO IDENTIFY THE GENETIC CAUSES OF CONGENITAL HEART DEFECTS** (Invited Lecture)
N.E. Bowles, S.B. Bleyl, M.F. Leppert, C.B. Arrington
University of Utah School of Medicine, Eccles Institute of Human Genetics, Salt Lake City, UT, USA
- 17:30 **Multidisciplinary Approach to GWAS for Heart Failure Based on the Various Etiology and Ethnicity** (Invited Lecture)
Teruhiko Toyo-Oka, University of Tokyo, Japan
- 17:45 **Genetic-Disruption of *Npr1* Leads to Cardiac Hypertrophy and Remodeling: Role of Pro-Inflammatory Cytokines** (Invited Lecture)
Kailash N. Pandey, Tulane University Health Sciences Center, School of Medicine, New Orleans, LA, USA
- 18:00 **Cardiovascular Contributions to Neurological Disease** (Invited Lecture)
Yuqing Li, College of Medicine University of Florida, Gainesville, FL, USA
- 18:15 **Genetic Factors Influencing Left Ventricular Hypertrophy** (Invited Lecture)
Jonathan N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA
- 18:30 **Impact of Beta-Adrenergic Receptor Polymorphism on Non-Invasive CAD Testing** (Invited Lecture)
Jamshid Shirani, St. Luke's Hospital and Health Network, Philadelphia, PA, USA
- 18:45 **Critical Regulatory Roles of TGFbeta/BMP Signaling Pathways during Myocardial Wall Development** (Invited Lecture)
Kai Jiao, The University of Alabama at Birmingham, AL, USA
- 19:00 **Impaired SIRT1 Nucleocytoplasmic Shuttling in the Senescent Heart in Response to Ischemic Stress**
C. Tong, A. Morrison, S. Mattison, S. Qian, M. Bryniarski, B. Rankin, J. Wang, D. Thomas, **Ji Li**
SUNY at Buffalo, Buffalo, NY, USA

SATURDAY, JULY 28, 2012

16:45 – 19:00

Hall B

PL06 Plenary Session

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

- 16:45 **Antibody Mediated Rejection in Heart Transplantation - A Clinician's Perspective** (Invited Lecture)
Maryl R. Johnson, University of Wisconsin-Madison, WI, USA
- 17:00 **Role of CMV in Cardiac Allograft Vasculopathy** (Invited Lecture)
Nandini Nair, Texas A&M HSC College of Medicine, Temple, TX, USA
- 17:15 **Management of Early Postoperative Coronary Bypass Graft Failure**
(Invited Lecture)
Louis P. Perrault, Montreal Heart Institute, Montreal, QC, Canada
- 17:30 **DESIGN OF FUTURE REVASCULARIZATION EVALUATION IN PATIENTS WITH
DIABETES MELLITUS: OPTIMAL MANAGEMENT OF MULTIVESSEL DISEASE
(FREEDOM TRIAL)** (Invited Lecture)
Michael Farkouh, University of Toronto, ON, Canada
- 17:45 **Off-Pump Coronary Artery Bypass Grafting: the Myth, the Reality**
(Invited Lecture)
Shahzad G. Raja, Harefield Hospital, London, UK
- 18:00 **Destination Therapy: Barriers to Implementation and Acceptance**
(Invited Lecture)
Michael E. Bowdish, Keck School of Medicine of USC, University of Southern
California, Los Angeles, CA, USA
- 18:15 **Surgical Ventricular Restoration for Dilated Ischemic Cardiomyopathy in the
Elderly**
C.L. Athanasuleas, G.D. Buckberg, The RESTORE Group
University of Alabama at Birmingham, AL, USA
- 18:30 **Outcomes Following PCI in Patients with Previous CABG: A Multi Centre
Experience**
Shantu S. Bundhoo, M. Kalla, R. Anantharaman, K. Morris, A. Chase, D. Smith,
R.A. Anderson, T.D. Kinnaird
- 18:45 **4-Year Outcome Analysis of Endoscopic Vein Harvesting for Coronary Artery
Bypass Grafting**
Shahzad G. Raja, M. Navaratnarajah, M. Rochon, C.D. Ilsley, J.A. Gaer, M. Amrani,
T.T. Bahrami
Harefield Hospital, London, UK

S25 Session

ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT

- 16:45 **How do Anthropometric Measurements and Gender Relate to Racial Differences in Epicardial Fat Thickness?**
Sule Salami, M. Tucciarone, R. Bess, A. Kolluru, S. Szpunar, H. Rosman, G. Cohen
 St. John Hospital and Medical Center, Detroit, MI, USA
- 17:00 **Developmental Coordination Disorder, Leg Length to Height Ratio, and Childhood Obesity**
Kellyana A. Quattrini, J. Liu, B. Faught, J. Hay, J. Cairney
 University of Saskatchewan College of Dentistry, Saskatoon, Saskatchewan, Canada
- 17:15 **Lipid Profile in a Student Population of the City of Campinas, Brazil**
 Alvaro Avezum, A. Timerman, **J.F.K. Saraiva**, D.J.B. Saraiva, J.R.Z. Mendes
 Sao Paulo State Cardiology Society, Brazil (S25)
- 17:30 **Prevalence and Predictors of Concomitant Carotid and Coronary Artery Atherosclerotic Disease**
 A. Steinvil, **Ben Sadeh**, A. Arbel, D. Justo, A. Belei, N. Borenstein, S. Bana, A. Halkin
 Tel Aviv Sourasky Medical Center, Tel Aviv, Israel
- 17:45 **Highly Sensitive C-Reactive Protein and Vitamin D3 as Cardiovascular Risk Factors in Children**
Shelley R. Bovet, P.M. Bovet, S.J. Hetzel, K. Olson, K.J. O'Connell, D.K. Murdock
 Aspirus Wausau Hospital, Wausau, WI, USA
- 18:00 **Correlation between HDL Cholesterol Level and Severity of Coronary Artery Disease in Asian People**
Sang-Hyun Kim, Y-J. Sung, H-L. Lee, G-J. Ahn, I-H. Chae, G-R. Han, M-S Hyon
 Boramae Medical Center, Seoul National University College of Medicine, Korea
- 18:15 **Impact of HS-CRP & Dyslipidemia in Chronic Peridontitis among CAD Patients in South India**
 V. Kumar, **Shaheena Banu**, C.N. Manjunath, V. Ranganath, R. Naik
 Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore, India
- 18:30 **Prevalence of Excess Body Weight in A Student Population of The City of Campinas, Brazil**
J.F.K Saraiva, A. Timerman, D.J.B. Saraiva, A. Avezum, J.R.Z. Mendes
 Sao Paulo State Cardiology Society, Health Secretary of the City of Campinas, Brazil
- 18:45 **Hyperlipidemia Doubles the Risk of Multivessel Involvement in Peripheral Arterial Disease despite being on Statins**
Anas Alani, M. Hettiarachch, T. Mohamad, S.K. Zalawadiya, M. Shamiya, M.F. Alnahhas, E. Salem, M. Elder
 Wayne State University, Detroit, MI, USA

SATURDAY, JULY 28, 2012

S25 ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT (cont)

19:00 Prevalence Of Cardiovascular Risk Factors In 1000 Urban Egyptians

Bassem S. Ibrahim, H.S. Boulos

National Heart Institute, Cairo, Cairo Kidney Center, Cairo, Egypt

19:15 Serum Cardiovascular Risk Factors in Obstructive Sleep Apnea: A Meta-Analysis

Rashid Nadeem, R. Loomba, E.M. Madbouly, S. Aggarwal, M. Nida, M. Kumar, A. Fatima

Pulmonary and Sleep Medicine, James A Lovell Federal Health Care Center, North Chicago, IL, and Rosalind Franklin University of Medicine and Science, Chicago Medical School, North Chicago, IL, USA

P201 Poster Session

PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE / ISCHEMIC STROKE

Comparison of Angiographic Features of Superficial Femoral Artery Disease in Diabetics and Non-Diabetics Presenting with Life-Style Limiting Claudication

Atif Mohammad, G. Pershwitz, D. Tran, W. Warshauer, E. Brilakis, S. Banerjee
Veterans Affairs North Texas Medical Center, Dallas, TX, USA

Prevalence of Coronary Artery Disease with Both Cerebral Vascular Accident & Peripheral Arterial Disease

Raza Alvi, N.C. Bhalodkar, J.N. Bella, C. McCaleb, M. Afshar
Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA

The Outcome of Different Endovascular Revascularization Methods Used to Treat Critical Peripheral Arterial Disease

M.S. Hettiarachchi, **Anas Alani**, T. Mohamad, C. Arsene, D.H. Rustom, H. Aurakzai, A. Kassier, M. Elder
Wayne State University, Detroit, MI, USA

Anatomic Orientation of the Brachiocephalic Vessels: Arch

Rajiv Tayal, B. LeSar, V. Spektor, A. Garg, M. Cohen, N. Wasty
Newark Beth Israel Medical Center, Newark, NJ, USA

Management of Combined Severe Carotid Stenosis and Coronary Artery Disease in the Southern Region Population of Saudi Arabia

Raju B. Birudugadda, H. Aliter, E. Hassan, R.E. Gallo, M. Al-Murayeh
Armed Forces Hospital Southern Region, Khamis Mushayt, Saudi Arabia

P202 Poster Session

MEDICAL AND INTERVENTIONAL THERAPY FOR ATRIAL FIBRILLATION

Circulating Heat Shock Protein 70 and Anti-Heat Shock Protein 70 Antibodies in Atrial Fibrillation

J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, H. Hindricks, V. Adams, D. Husser, **Andreas Bollmann**, Heart Center Leipzig, Germany

Outcomes of Direct Current Cardioversion of Atrial Fibrillation in a Multi-Ethnic Asian Population

Jit B. Ng, V.H. Tan
Changi General Hospital, Singapore

Response of High-Sensitive C-Reactive Protein to Catheter Ablation of Atrial Fibrillation and its Relation with Rhythm Outcome

J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, G. Hindricks, V. Adams, **Daniela Husser**, A. Bollmann
Heart Center Leipzig, Germany

Left Atrial Mixoma Following Transcatheter Radiofrequency Ablation

Jose Rubio-Alvarez, B. Adrio, J. Sierra, L. Reija, J. Garcia-Carro
University Hospital, Santiago de Compostela, Spain

Is QRS Duration Associated with Atrial Fibrillation in Patients with Heart Failure and Preserved Ejection Fraction?

Mandeep S. Sidhu, A.M. Robert, J. Zipursky, J. Gigliotti, J.R. Brown, D.J. Malenka, M.L. Greenberg, A.T. Kono
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

Digoxin in A-FIB RVR: Slow and Steady May Win the Race in Some

Tamiur Mirza, D.S. Dabiesingh, E.F. Aziz
St. Luke's-Roosevelt Hospital Center and Columbia University College of Physicians and Surgeons, New York, NY, USA

Atrial Fibrillation is a Chronic Inflammatory State: A Support to the Theory

Uma N. Srivatsa, J. Rogers
UC Davis Medical Center, Sacramento, CA, USA

Stroke Prevention in Atrial Fibrillation in Saudi (SPAF-SAUDI): A Phase IV Trial

N.A Alanazi, A.S. Hersi
KKUH, Riyadh, KSA

Incidence and Predictive Factors of Postoperative Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting

Alicex Gonzalez, J. Castellano, C. Esis, E. Silva, M. Bracho, J.J. Villasmil, G. Calmon, S. Briceno
Instituto de Investigaciones en Enfermedades Cardiovasculares de La Universidad del Zulia, Maracaibo, Venezuela

SATURDAY, JULY 28, 2012

P203 Poster Session

CARDIAC PACING, DEFIBRILLATION AND RESYNCHRONIZATION THERAPY

Superior Vena Cava (SVC) Echocardiography as a Screening Tool to Predict Cardiovascular Implantable Device (CIED) Lead Fibrosis

S. Jeffrey Yakish, A. Narula, A. Kohut, R. Foley, S. Kutalek
Drexel University College of Medicine, Philadelphia, PA, USA

Role of Global 2D Strain in Prediction of Ventricular Arrhythmia in Patients with Intracardiac Defibrillator

A. Sadeghpour, A. Shirafkan, M. Haghjoo, A. Azhari, **Behrad Elahi**
Tehran University of Medical Science, Iran

Fluoroscopy Guided Axillary Vein Puncture as a Reliable Method for Pacemaker, Defibrillator and CRTD Insertion

Malitha S. Hettiarachchi, A. Faraj, S. Fares, A. Saulitis, M. Siddiqui
Detroit Medical Center, Sinai-Grace Hospital, Wayne State University, Detroit, MI, USA

Rates of Inside-Out Abrasion Leading to Lead Externalization as Diagnosed by Standard CHEST X-Rays

J. Raber, L. Wolf, J.S. Snow, J.J. Germano, **Sameer P. Parekh**
Winthrop University Hospital, Garden City, NY, USA

Cardiac Resynchronization Therapy Reduces Ventricular High Rate Episodes but not Atrial Arrhythmias

Riyaz Somani, K.A. Michael, K. Stuart, K. Aldworth-Gaumond, H. Abdollah, C. Simpson, A. Baranchuk, D. Redfearn
Queen's University, Kingston General Hospital, Kingston, ON, Canada

Will Alternate Vectors Yield Additional Information when Measuring Intrathoracic Impedance

Roy Small, V. Sharma, Z. Song, D. Hettrick, L. Rathman, P. VanBuren
The Heart Group of LGHealth, Lancaster, PA, USA

A Novel Approach to Left Ventricular Lead Placement in CRT-D

C. Macias, **Michael B. West**
University of New Mexico, HSC, Albuquerque, NM, USA

Geographic Variations in Patients Receiving Permanent Pacemakers- Do Indians Age Earlier?

Uma N. Srivatsa, S. Sola, B. Barooah, B. Hoppe, UC Davis, CA, USA

Single Site Performance of the St. Jude Riata 1581 Lead: An Increased Failure Rate

S.S. McCearley, K.A. Ellenbogen, F.E. Fyke, D.B. Trussell, D.A. Wolfe, E.M. Quin, M.H. Roach, L.L. McNeil, **S.M. Borganeli**
University of Mississippi, Jackson, MS, USA

P204 Poster Session

ACUTE MYOCARDIAL INFARCTION: MEDICAL AND INTERVENTIONAL THERAPY

Radial Versus Femoral Artery Access for Percutaneous Coronary Interventions in Patients with ST Segment Elevation Myocardial Infarction – A Single Center Experience

A. Deshmukh, P. Turner, S. Kanuri, R. Gangi, **Ojas Bansal**, A. Smer, M. DelCore, C. Hunter, A. Mooss, D. Esterbrooks
The Cardiac Center of Creighton University, Omaha, NE, USA

Coronary Stent Diameter Variability among Ethnic Groups Undergoing Revascularization for STEMI

H. Heretis, **Evan Shlofmitz**, M. Balek, C. Park, A.J. Buda
New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA

Elevated Left Ventricular End-Diastolic Pressure does not Predict Mortality in Acute Myocardial Infarction Treated with Primary Angioplasty and Optimal Medical Therapy

Jeffrey D. Ascenzo, M. El-Hajjar, M. Torosoff,
Albany Medical College, Albany, NY, USA

Fragmented QRS Complex in Acute Anterior Myocardial Infarction and Coronary Sinus Blood Flow: Is There Any Relevance?

A. Alizadehasl, **B. Mohebbi**, M. Toufan, M. Esmaeilzadeh, A. Hosseinsabet, R. Azarfarin, Tehran University of Medical Sciences, Tehran, Iran

The Safety and Effectiveness of Double Renin-Angiotensin-Aldosterone System Blockade in Acute Myocardial Infarction

H.G. Hayrapetyan, **Flora H. Muradyan**, Erebouni MC, Yerevan, Armenia

Decline in the in-Hospital Mortality of Type 2 Diabetes Patients with Acute ST Segment Elevation Myocardial Infarction

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

How is Right Ventricular Involvement Related with Mortality and Rehospitalization Rates in Acute Inferior Myocardial Infarction with ST Segment Elevation?

H.G. Hayrapetyan, K.G. Adamyan, **Flora H. Muradyan**
Erebouni MC, Yerevan, Armenia

Early Prescription of Tirofiban and Angiographic TIMI 3 Flow Of Patients with ST Elevation Myocardial Infarction

Mehdi Mousavi, M. Salarifar, S.E. Kassaian, E. Nematipour, M. Alidousti, H. Poorhosseini, A. Hajizeinali, N. Yousefpour Sadatmahele, Y. Genab, A. Bozorgi
Tehran University of Medical sciences, Tehran Heart Center, Tehran, Iran

P205 Poster Session

EXERCISE PHYSIOLOGY

Study the Effect of Exercise on Systolic Pulmonary Artery Pressure in Healthy Subjects

F. Ahmadi, M. Seiedian, M. Nourizadeh, A. Lalvand, **Mohammed Hassan Adel**
Imam Hospital, Ahvaz, Iran

Correlation between Body Mass Index and Functional Capacity in Patients with Impaired Relaxation

W. Khalife, M. Morsy, **P. Nalabothu**, A. Khan, H. Van, S. Onguti, S. Hussein
University of Texas Medical Branch (UTMB), Galveston, TX, USA

SATURDAY, JULY 28, 2012

Assessment of Energy Expenditure during Pilates Exercises

L.D.H. Gomes, M.C.C. Tenorio, A.M. Mendonca, **Cloud K.C. Sa**
ActivePilates, EBMSP, Salvador, Bahia 3UEFS, Feira de Santana, Bahia, Brasil

P206 Poster Session

CAD: SECONDARY PREVENTION, CARDIAC REHAB

The Effect of Secondary Prevention in Acute Coronary Syndrome: A 3-Year Follow-Up Result

W.Z. Han, **Weiyl Fang**, H. Chen, X.B. Qiu, X.M. Hou, S.F. Guan
Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China

Effects of Cardiac Rehabilitation and Exercise Training Programs on Body Composition in Coronary Patients

B. Moradi, **Maryam Esmailzadeh**, M. Maleki, M. Nalini, SH. Jafari
Tehran University of Medical Sciences, Tehran, Iran

SUNDAY, JULY 29, 2012

08:30 – 11:00

Hall A

PL07 Plenary Lecture

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

- 08:30 **Can Vulnerable Plaque be Identified and Treated to Prevent Future Adverse CV Events?** (Invited Lecture)
John Ambrose, UCSF, Fresno, CA, USA
- 08:45 **What is considered to be the Optimal Treatment for Stable Angina in the Year 2012?** (Invited Lecture)
Udho Thadani, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, USA
- 09:00 **Efficient Chest Pain Evaluation in the ED: Additional Value of High Sensitivity Troponin** (Invited Lecture)
James H. Chesebro, UMASS Memorial Medical School and Medical Center, Worcester, MA, USA
- 09:15 **Robotic Assisted PCI: Results of the Precise Trial Using the Corpath, Remote Delivery System** (Invited Lecture)
George W. Vetrovec, VCU Pauley Heart Center, Richmond, VA, USA
- 09:30 **Filling in the Gaps in the Treatment of Left Main Disease** (Invited Lecture)
Barry Uretsky, University of Arkansas, Little Rock, AR, USA
- 09:45 **Atherosclerosis as A Cause of Very Late Stent Thrombosis** (Invited Lecture)
Yasunori Ueda, Osaka Police Hospital, Tennoji-ku, Osaka, Japan
- 10:00 **STATINS AND POST-PCI RESTENOSIS** (Invited Lecture)
Kailash Prasad, Saskatchewan Saskatoon, SK, Canada
- 10:30 **A Novel Application of Exercise Treadmill Testing in a Cardiology Practice** (Invited Lecture)
Yzhar Charuzi, UCLA School of Medicine, Los Angeles, CA, USA
- 10:45 **Outcomes of Anti-Platelet Therapy Directed by Post PCI Platelet Function Testing in a Real World Setting**
Elad Asher, M. Mayuga, M. Bradley, P. Anarado, G. Stefano, D.I. Simon, T. Lassar Harrington Heart & Vascular Institute, Case Medical Center, University Hospitals, Cleveland, OH, USA
- 11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

08:30 – 11:00

Hall B

PL08 Plenary Lecture
PLATELETS AND INFLAMMATION IN ISCHEMIC HEART DISEASE

- 08:30 **C-Reactive Protein and Coronary Vasomotor Regulation** (Invited Lecture)
Lih Kuo, Texas A&M Health Science Center, Temple, TX, USA
- 08:45 **Cigarette Smoke Induces Fractalkine-Dependent Mononuclear Cell Arrest to the Arterial Endothelium. Potential consequences in COPD** (Invited Lecture)
Maria J. Sanz, Universidad de Valencia, Spain
- 09:00 **Platelet Function and Clinical Ischemic Outcomes** (Invited Lecture)
Lewis C. Becker, Johns Hopkins University School of Medicine, Baltimore, MD, USA
- 09:15 **C-reactive Protein-Mediated Endothelial Dysfunction and Acute Coronary Artery Disease** (Invited Lecture)
Janos G. Filep, University of Montreal, QC, Canada
- 09:30 **Measurement and Manipulation of Lox-1 Ligand Level to Predict and to Prevent CVD** (Invited Lecture)
Tatsuya Sawamura, National Cerebral and Cardiovascular Center, Osaka, Japan
- 09:45 **Carbamylation Versus Oxidation of LDL: Competition, Mechanisms and Role in Cardiovascular Disease** (Invited Lecture)
Alexei G. Basnagian, University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 10:00 **SMALL INTESTINE APPEARS TO PLAY A MAJOR ROLE IN SYSTEMIC INFLAMMATION AND CARDIOVASCULAR COMPLICATIONS** (Invited Lecture)
Mohamad Navab, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
- 10:15 **Immunizations and Acute Coronary Syndromes: Is there a Role?** (Invited Lecture)
Maliha Zahid, University of Pittsburgh, Pittsburgh, PA, USA
- 10:30 **Coronary Plaque Erosion and Myeloperoxidase: Insight from a Clinicopathological Study** (Invited Lecture)
Giampaolo Niccoli, Catholic University of the Sacred Heart, Rome, Italy
- 10:45 **Defining the Anti-Inflammatory Activity of M-T7, A Myxomaviral Chemokine Modulator through Mutagenesis**
M.Y. Barteo, H. Chen, E. Dai, L. Liu, J.A. Davids, *Alexandra R. Lucas*
University of Florida, Gainesville, FL, USA
- 11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

08:30 – 11:00

Hall C

S26 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES /
ECHOCARDIOGRAPHY

- 08:30 **Accurate, Noninvasive Diagnosis Of Cardiogenic Shock Based On Echocardiography Rather Than Invasive Hemodynamic Assessment**
Amir Najafi, K. Ghafourian, A. Paixao, M. Aljaabari, M. Iantorno, J. Panza, F. Asch, H. Cooper
Washington Hospital Center, Washington, DC, USA
- 08:45 **Paired Pacing Identifies Viable Left Ventricular Segments without Contractile Response to Dobutamine in Patients with Ischemic Cardiomyopathy**
M. Chandra, J.A. Strom, **Jamshid Shirani**
St. Luke's University Health Network, Bethlehem, PA, USA
- 09:00 **Doppler Echocardiogram Underestimates Pulmonary Artery Pressure in Patients with Insufficient Tricuspid Regurgitant Jet**
Molham Aldeiri, A. Khanfar, P. Nalabothu, M. Morsy, W.I. Khalife
University of Texas Medical Branch, Galveston, TX, USA
- 09:15 **Novel Tissue Doppler Parameters in Staging of Diastolic Dysfunction**
Nandini Nair, S. John, D. Jupiter, E. Gongora, P. Lammert, C. Tong
TAMHSC College of Medicine, Temple, TX, USA
- 09:30 **Echo and Tisular Doppler Assessment of Systolic and Diastolic Function in Scleroderma**
Clotilde S. Berensztein, A.K. Saad, O. Grosso, E. Bresan, H. Laborde, M. Vazquez Blanco
Hospital de Clinicas, Universidad de Buenos Aires, Buenos Aires, Argentina
- 09:45 **Role of Mitral Inflow and Tissue Doppler Imaging in Detecting Myocardial Viability by Dobutamine Stress Echocardiography**
Osama A. Rifaie, Z.F. Abdelsalam, M.A. Abdallah, H.A. Ismail
AinShams University Cairo, Egypt
- 10:00 **Left Atrial Function in Idiopathic Pulmonary Hypertension**
Mark Henein, G. Bajraktari, S. Soderberg, M. Y Henein, P. Lindqvist
Umea University, Umea, Sweden
- 10:15 **Diagnostic Utility of Transthoracic Echocardiography in Evaluation of Pedal Edema**
Jonathan Kahan, F. Bajwa, H. Makani, A. Supariwala, A. Shah, N. Htyte, F. Chaudhry
St. Luke's Roosevelt Hospital, Columbia University College of Physicians and Surgeons, New York, NY, USA
- 10:30 **Characterizing Differences in Echocardiographic Parameters of Diastolic Function between Atrial Fibrillation and Sinus Rhythm among Patients with HFPEF in a Real World Cohort**
Mandeep S. Sidhu, A.M. Robert, J.R. Brown, J.N. Gigliotti, J. Zipursky, S.P. Costa, R.T. Palac, D.J. Malenka, M.L. Greenberg, A.T. Kono
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA
- 10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

08:30 – 10:30

Hall D

S27 Session
HYPERTENSION, BASIC AND CLINICAL

- 08:30 **Influence of Sleep-Time Blood Pressure in the Prognostic Value of Isolated-Office and Masked Hypertension**
Ramon C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain
- 08:45 **Role of Time-Of-Day of Hypertension Treatment on the J-Shaped Relationship between Blood Pressure and Cardiovascular Risk**
Ramon C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain
- 09:00 **Ambulatory Blood Pressure Pattern of Resistant Hypertension: Dependence on Treatment-Time Regimen of Hypertension Medications: The Hygia Project**
M.T. Rios, J.J. Crespo, M. Dominguez, J. Boveda, C. Duran, A. Ferreras, A. Otero, M.J. Fontao, **Diana E. Ayala**, R.C. Hermida
University of Vigo, Vigo, Spain
- 09:15 **Effects of Valsartan, Eprosartan or Losartan on Diastolic Function in Patients with Essential Hypertension**
Liuba Popescu, A. Caraush, Institute of Cardiology, Republic of Moldova
- 09:30 **Effects of Hypertension Treatment-Time on Ambulatory Blood Pressure in Hypertensive Patients with Chronic Kidney Disease: The Hygia Project**
Diana E. Ayala, L. Pineiro, A. Moya, J.J. Crespo, A. Otero, E. Sineiro, S. Hernaiz, E. Marquez, A. Mojon, R.C. Hermida
University of Vigo, Vigo, Spain
- 09:45 **Blood Pressure Profile in a Student Population from the Metropolitan Area of Campinas, Brazil**
D.J.B. Saraiva, A. Timerman, **J.F.K. Saraiva**, A. Avezum, J.R.Z. Mendes
Sao Paulo State Cardiology Society, Sao Paulo, SP, Brazil
- 10:00 **Inter-Arm Systolic Blood Pressure Difference of 15mm Hg or More in Treated Hypertensives**
N.K. Agarwal, **Shashi K. Agarwal**
Agarwal Health Center, East Orange, NJ, USA
- 10:15 **Adverse Impact of Hypertension on Mortality in Elderly Women and Men Presenting with Acute Myocardial Infarction**
Vibhuti N. Singh, N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
University of South Florida College of Medicine, Tampa, FL, USA
- 10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

11:15 – 14:00

Hall A

PL09 Plenary Session

VALVULAR AND CONGENITAL HEART DISEASE

Joint Session with the Heart Valve Society of America

- 11:15 **The Role of LRP5 in Calcific Aortic Valve Disease: LDL-Density-Pressure Theory** (Invited Lecture)
Nalini Rajamannan, Mayo Clinic, Rochester, MN, USA
- 11:30 **The Impact of Hypertension and its Treatment in Heart Valve Disease**
(Invited Lecture)
Jeffrey S. Borer, State University of New York Downstate Medical Center, New York, NY, USA
- 11:45 **PCI and TAVR Performance Measures: Onsite Versus Offsite Monitoring**
(Invited Lecture)
William J. Bommer, University of California Davis, Medical Center, CA, USA
- 12:00 **Intervention in Adult Congenital Heart Disease – Stenting in Coarctation of the Aorta with Special Reference to the Role of Covered Stents** (Invited Lecture)
Masood Sadiq, Punjab Institute of Cardiology, Lahore, Pakistan
- 12:15 **Advances in Management of Valvular Heart Disease in the Elderly**
(Invited Lecture)
Issam Mikati, Northwestern Memorial Hospital, Chicago, IL, USA
- 12:30 **Prosthetic Valve Thrombosis: Understanding the Guidelines** (Invited Lecture)
Sorin Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA
- 12:45 **Speckle Tracking Echocardiography Predicts Outcomes in Chronic Aortic Regurgitation** (Invited Lecture)
Niels T. Olsen, Roskilde Hospital, Denmark
- 13:00 **Anticoagulation in Pregnant Women with Prosthetic Valves** (Invited Lecture)
Sorel Goland, Kaplan Hospital, Rehovot, Israel
- 13:15 **A Lumped-Parameter Model of Mitral Valve Blood Flow for Assessment of Diastolic Left Ventricular Filling**
Gabor Szabo, J. Fine, G. Veres, M. Karck, L. Waite
University of Heidelberg, Heidelberg Germany
- 13:30 **Are Patent Foramen Ovale Inherited? A Monozygotic Twin Study**
Rockesh Gurtu, S.G. Ray, W. Newman, F. MK Williams, C.N. McCollum
Manchester Health Academic Sciences Centre, University of Manchester, Manchester, UK
- 13:45 **Clinical and Echocardiographic Profile and Pregnancy Outcomes in Patients with Rheumatic Heart Disease at the University of the Philippines-Philippine General Hospital**
Michael J.T. Reyes, L. Macapugay, K. Tumabiene, M. Alferez, F.R. Punzalan
UP-Philippine General Hospital, Manila, Philippines
- 14:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

11:15 – 13:45

Hall B

PL10 Plenary Session

ATRIAL FIBRILLATION – NEW RISK FACTORS AND THERAPIES

- 11:15 **Metabolic Syndrome and Dyslipidemia as Risk Factors for Atrial Fibrillation**
(Invited Lecture)
Hiroshi Watanabe, Niigata University Graduate School of Medical & Dental, Japan
- 11:30 **Genotype-Based Atrial Fibrillation Therapies** (Invited Lecture)
Daniela Husser, Heart Center Leipzig, Germany
- 11:45 **Cryoablation of Atrial Fibrillation: Is it ready for Primetime?** (Invited Lecture)
Komandoor Srivathsan, Mayo Clinic Arizona, Phoenix, AZ, USA
- 12:00 **Anticoagulation and Atrial Fibrillation. Antithrombotics State of the Art**
(Invited Lecture)
Karlheinz Seidl, Klinikum Ingolstadt, Ingolstadt, Germany
- 12:15 **NOVEL TECHNOLOGIES FOR ATRIAL FIBRILLATION MONITORING AND CATHETER ABLATION** (Invited Lecture)
Andreas Bollmann, D. Husser
Heart Center, Leipzig, Germany
- 12:30 **New Anticoagulants in Atrial Fibrillation. Are all the Same?** (Invited Lecture)
Antoni Martinez-Rubio, Hospital de Sabadell, Barcelona, Spain
- 12:45 **Atrial Fibrillation Ablation using Anatomically Designed Catheters and Under Direct Vision** (Invited Lecture)
Thomas Deneke, *Anja Schade*, Heart Center Bad Neustadt, Bad Neustadt, Germany
- 13:00 **Dismal Rates of Anticoagulation in Elderly Women for Stroke Prevention in Atrial Fibrillation**
Vibhuti N. Singh, N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
University of South Florida College of Medicine, Tampa, FL, USA
- 13:15 **Long Term Outcome of Atrial Fibrillation Therapies: An ACAP-Race Registry Analysis**
E.F. Aziz, *Balaji Pratap*, C.K. Pamidimukala, T. Park, S. Qadir, H. Muafa,
P. Gnanaprakasam, R. Reddy, U. Pai, E. Herzog
St. Luke's-Roosevelt Hospital Center, University Hospital Columbia University,
College of Physicians and Surgeons, New York, NY, USA
- 13:30 **Renin-Angiotensin System Gene Polymorphisms and the Risk of Stroke in Patients with Atrial Fibrillation: A Prospective Observation Study**
Chia-Ti Tsai, J.L. Lin, J.J. Hwang, L.P. Lai
National Taiwan University Hospital, Taipei, Taiwan
- 13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

S28 Session
RECENT ADVANCES IN CARDIAC IMAGING / RISK PREDICTION

- 11:15 **Assessment of Viability in Patients with Chronic Total Occlusions: A Cardiac Magnetic Resonance Study**
Dipan J. Shah, H.W. Kim, R.J. Kim
Methodist DeBakey Heart & Vascular Center, Houston, TX and Duke Cardiovascular Magnetic Resonance Center, Durham, NC, USA
- 11:30 **Corkscrew Coronary Arteries: Innocent Bystander or Significant Risk Factor?**
D. Godkar, **Nishant Gupta**, S. Jain, A. Hamdan, V. De Bari, F. Shamoon, M. Bikkina
Seton Hall University, Newark, NJ, USA
- 11:45 **Anatomy of Main Coronary Artery Location: Radial Position around the Aortic Root Circumference**
Zakaria Almuwaqqat, M. Tranquilli, J.A. Elefterides
Yale University, New Haven, CT, USA
- 12:00 **A Path to Safe MRI Scanning of Cardiac Pacemaker Patients: A Role For Computer Modeling**
Sung-Min Park, M. Lazebnik, J.J. Hunt, S.J. Fraasch, J.H. Harrison
Medtronic, Inc., Mounds View, MN, USA
- 12:15 **Myocardial Perfusion Imaging in Patients with Atrial Fibrillation is not Inferior to Regular Sinus Rhythm for Screening of Coronary Artery Disease**
Sungho Her, M.W. Park, C.J. Kim
Daejeon St. Mary's Hospital, Daejeon, South Korea
- 12:30 **Validation of Speckle Tracking Strain Measurements as an Accurate and Reproducible Technique for Detecting Global and Segmental Myocardial Deformation**
A.M. Anwar, **Youssef F. Nosir**, M. Alasnig, M.A. Llemmit, A.F. Elhagoly, H. Chamsi-Pasha
King Fahd Armed Force Hospital, Jeddah, Saudi Arabia
- 12:45 **Left Atrial Systolic Strain Rate Estimates Pulmonary Capillary Pressure: A Simultaneous Echocardiography and Cardiac Catheterization Study**
Mark Henein, S. Soderberg, M. Gonzalez, E. Tossavainen, M.Y. Henein, P. Lindqvist
Umea University, Umea, Sweden
- 13:00 **The Clinical Implications of a Normal Coronary Ct Angiogram**
John N. Makaryus, P. Ruisi, A.N. Makaryus, **Shalin Desai**
North Shore University Hospital, Manhasset, New York, NY, USA
- 13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

11:15 – 13:15

Hall D

S29 Session
VASCULAR BIOLOGY, BASIC RESEARCH

- 11:15 **Chronic Stress Converts Atherosclerotic Lesions from a Stable to a more Vulnerable Phenotype**
Amir H. Najafi, N. Aghili, J.U. Tilan, J.A. Andrews, X. Peng, R. Virmani, Z. Zukowska, S.E. Epstein, M.S. Burnett, Cardiovascular Research Institute, Washington, DC, USA
- 11:30 **Cystathionine-Gamma-Lyase: A Novel Therapeutic Target in Treating Septic Shock**
G. Sikka, **Asif K. Mustafa**, J. Steppan, S.M. Jung, L. Santhanam, V. Barodka, J. Sevilla, D. Nyhan, S.H. Snyder, D.E. Berkowitz
Yale School of Medicine, New Haven, CT, USA
- 11:45 **Increased Angiogenesis is not able to Improve Heart Function after Cell Therapy**
A. Schuh, A. Curaj, S. Konschalla, A. Kroh, B. Butzbach, A. Schober, **Elisa Liehn**
RWTH Aachen University, Aachen, Germany
- 12:00 **Influence of Contrast Medium on the Endothelial Cell Line HCMEC**
Aviva Peleg, Y. Hasin, Poriya, Cardiovascular Research Lab, Tiberias, Israel
- 12:15 **Essential Role of ROS in Mediating Stretch-Induced Leptin Secretion and Vascular Smooth Muscle Hypertrophy**
C. Ghantous, L. Dib, M. Al-Hariri, A. Jaffa, **Asad Zeidan**
American University of Beirut, Lebanon
- 12:30 **The Omega 3 EPA:DHA 6:1 Causes Redox-Sensitive PI3-Kinase/AKT-Dependent Activation of Endothelial no Synthase**
F. Zgheel, M. Alhosin, C. Auger, **Valerie B. Schini-Kerth**
Strasbourg University, Illkirch, France
- 12:45 **Intravenous Cocaine Administration Results in Transient Decrease in Serum Levels of Interleukin-6 (IL-6), Soluble CD40 LIGAND (sCD40L) and Monocyte Chemoattractant Protein-1 (MCP-1)**
Rishi Sharma, K.N. Dileepan, K. Grasing, B. Dawn, K. Gupta
Kansas City VA Medical Center, Kansas City, MO, USA
- 13:00 **Oral Anti Inflammatory Peptide F Reduces Systemic Inflammation and Improves HDL Function**
Ania Gapele, O. Elboudwarej, J. Bowers Obioha, S. Vazirian, M. Memarzadeh, G. Hough
David Geffen School of Medicine, University of California, Los Angeles, CA, USA
- 13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

P301 Poster Session

ADVANCES IN CARDIAC SURGERY

Long Term Survival Analysis of Cardiac Paragangliomas

M. Khan, **Mohammad-Reza Movahed**

University of Arizona Sarver Heart Center, Tucson, AZ, USA

Concurrent Thoracic Aortic Aneurysms in Intracranial Aneurysm Patients

G.A. Kuzmik, M. Gunel, K.R. Bulsara, M. Tranquilli, **J.A. Elefteriades**

Yale University School of Medicine, New Haven, CT, USA

P302 Poster Session

HEART FAILURE – EPIDEMIOLOGY, PATHOPHYSIOLOGY AND THERAPIES

Beta Blocker Usage and Outcomes According to Patient Risk in Patients with Heart Failure and Preserved Ejection Fraction

Ashim Verma, A.M. Lewin, P.D. Galbraith, M.L. Knudtson, J.G. Howlett

University of Calgary, Calgary, AB, Canada

Acute and Chronic Impacts of ASV Therapy on Left Chamber Geometry and Function in Patients with Heart Failure

Nobuhiko Haruki, S. Ando, M. Takeuchi, Y. Otsuji

University of Occupational and Environmental Health, School of Medicine, Kitakyushu, Japan

Ace Inhibitors and Angiotensin-II Blockers for CHF at Discharge in an Inner-City Hospital in Minority Population

M. Bhandari, H. Patel, U. Khan, C. McCaleb, **Raza Alvi**, N.C. Balodkar

Bronx-Lebanon Hospital Center, Affiliated with Albert Einstein College of Medicine

Study the Effect of Spironolacton in Airway Resistance with Impulse Oscillometry in Patients with Congestive Heart Failure (CHF)

M. Hassan Adel, M. Nourizadeh, M. Adel, Y. Gholampour, S. Majidi,

S. Asadmoghadam, N. Asadinia

Imam Hospital, Ahvaz, Iran

Treatment with Captopril Decreased Serum C Reactive Protein Levels in Patients with Mild Chagasic Cardiomyopathy

Rafael A. Bonfante-Cabarcas, Y. Al Atrache Gatrif, M. Silva Falcon, A. Docimo,

H. Hernandez, Y. Delgado, J.L. Concepcion, C.C. Rodriguez-Bonfante

Universidad Centroccidental Lisandro Alvarado, Barquisimeto, Lara, Venezuela

P304 MISCELLANEOUS

Prevalence and Associated Health Status among Older Adults in Long-Term Care Facilities

Amrit Kanwar, R.J. Lennon, M. Singh, V.L. Roger

University of Madison, Wisconsin, WI, USA

Effect of Sexual Activity on Cardiac Autonomic Function in High-Level Male Athletes

Juan M. Sztajzel, K. Sievert, A. Bayes de Luna

Cardiology Service, University Hospital, Geneva, Switzerland

SUNDAY, JULY 29, 2012

Physiology of the Second Heart Sound: Insights from Digital Phonocardiography

Samir.R. Thadani, B. Doyle, R.E. Shaw, R.R. Yee, N.B. Schiller
California Pacific Medical Center, San Francisco, CA, USA

Impact of Methanol Intoxication on the Human Electrocardiogram

Zardasht H. Jaff, W.F. McIntyre, P.Y. Ashoori, A.M. Baranchuk
Queen's University, Kingston, ON, Canada

Early Repolarization Seen on ECG Is Independently Associated with African American Race, Age <30, BMI >25 and Heart Rate < 70 BPM

Mohammad R. Movahed, S Bates
Caremore and University of Arizona Sarver Heart Center, Tucson, AZ, USA

Cardiac Involvement in Human Granulocytic Anaplasmosis

Yutthapong Temtanakitpaisan, N. Methachittiphan, F.B. Barbosa, T.L. Treadwell, D.G. Love
MetroWest Medical Center, Framingham, MA, USA

Spontaneous Coronary Artery Dissection: A Case Series Emphasizing the Potential for Underestimation

M. Pfeiffer, **Giselle A. Baquero**, T. Fugate, M. Kozak
Penn State College of Medicine. Hershey. PA. USA

P305 Poster Session
QUALITY IMPROVEMENT AND OUTCOMES

Patient Characteristics and Hospital Outcomes in Patients Treated with Therapeutic Hypothermia for Cardiovascular and Neurological Indications

Yong Ji, V. Khurana, T. Waters, M. Torosoff
Albany Medical College, Albany, NY, USA

Chest Pain Emergency Department Evaluation in Women, Less than Age 40 Years: Can We Change Practice Habits?

Amy L.A. Teleron, J.S. Samuel, N. Raja, W.H. Carter
West Virginia University - Charleston Division, Charleston, WV, USA

Hads Score in Chest Pain Patients Referred to a Cardiovascular Clinic

Atoosheh Rohani, V. Akbari
Mashad University of Medical Sciences, Iran

Telecardiology as a Screening Tool in the General Population: EKG in Pharmacies

A. Durante, A. Laricchia, **Giovanni Peretto**, F. Ancona, M. Spartera, A. Mason, A. Stefani, A. Baro, N. Cristell, D. Cianflone
Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy

Chest Pain Readmission Predictors - A Clinical Experience from Inpatient Chest Pain Observational Study

M. Singh, **Muhammad.R. Bajwa**, V.H.Bolla, P. Mills
UCSF MEP FRESNO, Fresno, CA, USA

PREDICTORS OF 30DAY READMISSION IN ACUTE DECOMPENSATED HEART FAILURE PATIENTS TREATED WITH ULTRAFILTRATION

Mahesh Aradhya, S. Silparshetty, H. Polimera, D. Gajanana, E. Amedeo, P. Sugathan
St Lukes Hospital, Bethlehem, PA, USA

SUNDAY, JULY 29, 2012

P306 Poster Session
BIOMARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

Biomarker Reference Values among Chest Pain Unit Patients

Firas Yazigi, M. Tucciarone, R. Bess, S. Szpunar, G. Cohen
St. John Hospital and Medical Center, Detroit, MI, USA

Inflammation Persists after an Acute Coronary Syndrome?

Estella M. Macin, M. Onocko, M. Arevalo, R. Zoni, E.R. Perna, L. Reyes,
J.M. Lange, B. Gonzalez Arjol, L. Peña, M. Brizuela
Instituto de Cardiologia JFCabral, Corrientes, Argentina

P307 Poster Session
MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

The Cardioprotective Effect of Isosteviol on Endothelin-1-Induced Hypertrophy of Cultured Neonatal Rat Cardiomyocytes

K.L. Wong, C.C. Chao, C.W. Cheung, P. Chan, T.H. Cheng, Y-M. Leung
China Medical University & Hospital, Taichung, Taiwan

Induction of IL-17 Signalling in the Rat Heart Exposed to In Vivo Ischemia/Reperfusion Injury Promotes Necrotic and Apoptotic Cell Death

L.I.I. Saravolatz, C. Scarabelli, L. Saravolatz, **Tiziano M. Scarabelli**
St John Hospital/Wayne State University, Detroit, MI, USA

Urocortin Can Mediate Cardioprotection by Activation of the SRC Tyrosine Kinase- STAT3 Pathway

C. Scarabelli, L.I.I. Saravolatz, L. Saravolatz, **Tiziano M. Scarabelli**
St John Hospital/Wayne State University, Detroit, MI, USA

Urocortin-Mediated STAT-3 Activation is Induced by Expression and Release of IL-6

C. Scarabelli, L.I.I. Saravolatz, L. Saravolatz, **Tiziano M. Scarabelli**
St John Hospital/Wayne State University, Detroit, Michigan, USA

Cardioprotective Effect of Ethanolic Extract of Terminalia Arjuna Bark in Adrenaline Induced Myocardial Damage in Rats

M. Rahaman, **Zinnat Begum**
Dhaka Medical College, Dhaka, Bangladesh

Effect of Melatonin on the Heart of Mice Treated With Isoproterenol

Betzabe Nieto-Lima, R. Bautista-Pérez, A. Cano-Martínez
Instituto Nacional de Cardiología "Ignacio Chávez", Mexico City, Mexico

Proapoptotic Proteins Bax and Bak in a Myocardium Damage Model Mediated Through Digitalis Intoxication

Margarita C. Ramirez-Ortega, I. Cuevas-Escobar, J.F. Carrillo-Hernandez,
M.L. Ibarra-Lara, G. Pastelin-Hernandez
Instituto Nacional de Cardiologia "Ignacio Chavez", Mexico D. F., Mexico

SUNDAY, JULY 29, 2012

P308 Poster Session
LEFT VENTRICULAR REMODELING AFTER MI

Predictive Factor for Central Sleep Apnea and Effects of CSA on Left Ventricular Function in Patients with Acute Myocardial Infarction

H. Nakashima, T. Henmi, **Y. Uchida**, Y. Shiraishi, S. Suzuki, K. Maemura
Nagasaki Citizens Hospital, Nagasaki, Japan

Left Atrial Volume is a Predictor of Left Ventricular Remodeling in Patients with Acute Myocardial Infarction

S. Fukuzawa, M. Inagaki, J. Sugioka, A. Ikeda, **Shinichi Okino**
Funabashi Municipal Medical Center, Funabashi, Japan

P309 Poster Session
LIPIDS, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA

Comparison of Postprandial Lipemia in Sedentary and Active Women Using Oral Contraceptive

A.D. Borges, D.M.L. Vieira, C.K.C. Sa, J. Petto, L.M.R. Vasques, R.L.S. Pinheiro, B.A. Giesta, A.M.T. Ladeia
FTC, Brazil

Preventive Effect of Ezetimibe for Progression of Arteriosclerosis

Erika Matsubara, T. Matsubara, T. Tomaru
Japanese Red Cross Medical Center, Japan

Left Ventricular Functions & Lipid Peroxidation in Chronic Kidney Disease

Nitya Nand
PGIMS, Rohtak, India

SUNDAY, JULY 29, 2012

14:00 – 16:45

Hall A

PL11 Plenary Session
PATHOPHYSIOLOGY OF CARDIOVASCULAR DISEASE – RISK FACTORS AND PREVENTION

- 14:00 **Cardiovascular Prevention - A Global Problem** (Invited Lecture)
Ulrich Keil, University of Muenster, Germany
- 14:15 **Diurnal Rhythms and the Pathogenesis of Cardiovascular Disease**
(Invited Lecture)
Michael J. Sole, University of Toronto, Toronto, ON, USA
- 14:30 **Reconsideration of the Role of Statins in Primary Prevention; Potential of Adverse Effect Related to Genetic Variability** (Invited Lecture)
J.L. Mehta, UAMS, Little Rock, AR, USA
- 14:45 **Coffee Drinking and Risk of Stroke** (Invited Lecture)
Arthur L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA
- 15:00 **Acute Respiratory Infections as Triggers for Cardiovascular Events**
(Invited Lecture)
Mohammad Madjid, Texas Heart Institute, Houston, TX, USA
- 15:15 **Statins for the Primary Prevention of CVD in Women** (Invited Lecture)
Samia Mora, Brigham and Women's Hospital, Boston, MA, USA
- 15:30 **Lifestyle Factors and the Risk of Stroke** (Invited Lecture)
Gang Hu, Pennington Biomedical Research Center, Baton Rouge, LA, USA
- 15:45 **Diet and Secondary Prevention of Cardiovascular Disease: The Current Level of Evidence** (Invited Lecture)
Demosthenes B. Panagiotakos, Harokopio University of Athens, Greece
- 16:00 **From Surrogate Biomarkers to Detection of Atherosclerosis: Are We Ready for a Paradigm Shift in Primary CVD Prevention Strategies?** (Invited Lecture)
Khurram Nasir, Yale University, New Haven, CT, USA
- 16:15 **Early Identification of Subclinical Atherosclerosis: The Most Effective Way to Reduce Significantly the Incidence of Coronary Artery Disease** (Invited Lecture)
Shorena Chumburidze, Scientific Research Clinic of Therapy, Tbilisi, Georgia
- 16:30 **Novel Probiotic Formulation for Managing Cholesterol: Clinical Investigation of BSH-Active Lactobacillus Reuteri Ncimb 30242 Yogurt and Capsule Formulations in Hypercholesterolemic Adults**
M.L. Jones, C.J. Martoni, S. Prakash
McGill University, and Micropharma, Montreal, Quebec, Canada
- 16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

14:00 – 16:30

Hall B

PL12 Plenary Session
PATHOGENESIS, DIAGNOSES AND TREATMENT OF AORTIC ANEURYSMS
AND PERIPHERAL ARTERY DISEASE

- 14:00 **There is an Effective Medical Treatment for Thoracic Aortic Aneurysm**
(Invited Lecture)
John A. Elefteriades, Yale University School of Medicine, New Haven, CT, USA
- 14:15 **Acute Aortic Diseases: Temporal Patterns of Onset and Clinical Outcome**
(Invited Lecture)
Roberto Manfredini, University of Ferrara, Italy
- 14:30 **CORONARY, CEREBRAL, AND ABDOMINAL AORTIC ANEURYSMS: SIMILARITIES IN PATHOGENESIS AND IMPLICATIONS FOR TREATMENT**
(Invited Lecture)
S.D. Gertz, L.Y. Gavish, R. Beerli, D. Gilon, C. Rubinstein, Y. Berlatzky, A. Bulut, M. Harlev, P. Reissman, L. Gavish
The Hebrew University, Hadassah Faculty of Medicine, Jerusalem, Israel
- 14:45 **Prediction of Prognosis by Vascular Imagings in Peripheral Artery Disease after Endovascular Treatment** (Invited Lecture)
Takanobu Tomaru, Toho University Sakura Hospital, Japan
- 15:00 **Role of IgE in Angiotensin II-Induced Abdominal Aortic Aneurysms in Apolipoprotein E-Deficient Mice** (Invited Lecture)
Guo-Ping Shi, Brigham and Women's Hospital, Boston, MA, USA
- 15:15 **CRYOPLASTY OR CONVENTIONAL BALLOON POST-DILATION OF NITINOL STENTS FOR REVASCULARIZATION OF PERIPHERAL ARTERIAL SEGMENTS (COBRA TRIAL)** (Invited Lecture)
S. Banerjee, D. Tran, E.S. Brilakis
VA North Texas Healthcare System, Dallas, TX, USA
- 15:30 **Da Vinci Robot And Vascular Surgery**
Petr Stadler, L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic
- 15:45 **Intraluminal versus Subintimal Approach to Chronic Total Occlusions in Peripheral Arterial Disease**
Sachin Amruthlal Jain, T. Larsen, F. Alcocer, M. Zughaib, P. Alexander
Providence Hospital and Medical Center, Southfield, MI, USA
- 16:00 **A Simple, Fast and Accurate Method to Detect Peripheral Arterial Disease in an Office Setting**
Herbert J. Semler, G.L. Geary, R. McRae, N. Santos
Oregon Health Science University, Portland, OR, USA
- 16:15 **Carotid Intima Media Thickness Provides Evidence that Ascending Aortic Aneurysm Protects Against Systemic Atherosclerosis**
Adelina Hung, M. Zafar, S. Mukherjee, M. Tranquilli, L. Scoutt, J.A. Elefteriades
Yale University School of Medicine, New Haven, CT, USA
- 16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

S30 Session

ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY

- 14:00 **Does Physician Review Improve The Accuracy Of National Cardiovascular Data Registry (NCDR) ICD Registry Data Submission? The Wake Forest Baptist Medical Center (WFBMC) Experience**
Manish Jain, N. Shah, R. Henderson, B. Rubery, G. Brammer, T. Simmons
Wake Forest Baptist Medical Center, Winston Salem, NC, USA
- 14:15 **Results of the Lead Extraction Device Evaluation and Results (LEADER) Database**
Charles J. Love, S.P. Kutalek, C. Starck, E.K. Bowser, B.E. Norlander
The Ohio State University, Columbus, OH, USA
- 14:30 **Pacemakers in Patients with High Spinal Injury**
Bradley R. Porter, H. Jayanthi, A. Money-Kyrle
Buckinghamshire Healthcare Trust, Stoke Mandeville Hospital, Bucks, UK
- 14:45 **Use and Long-Term Outcomes of Implantable Cardioverter Defibrillator Devices in a Population Study**
Pamela J. Bradshaw, M.S.T. Hobbs, T.G. Briffa,
University of Western Australia, Perth, WA, Australia
- 15:00 **Using Pacemaker/Implantable Cardioverter Defibrillator Mode Switch Quantification to Assess Clinical Predictors of Atrial Fibrillation Recurrence**
P. Ruisi, J.N. Makaryus, J.N. Catanzaro, A. Cedrone, A.N. Makaryus, R. Jadonath, S.J. Belner, **Shalin Desai**, North Shore University Hospital, Manhasset, NY, USA
- 15:15 **Community Cardiovascular Screening to Identify Middle School Children at Risk of Sudden Cardiac Death: The Houston Early Age Risk Testing And Screening (Hearts) Study**
John P. Higgins, S.T. Laing, J.A. Samuels, A. Rajmane, G. Biliciler-Denktaş, D.D. Mcpherson, A. Ali
The University of Texas Medical School at Houston, Houston, TX, USA
- 15:30 **Long-Term Survival and AICD Therapy in Survivors of Cardiac Arrest Treated with Therapeutic Hypothermia**
Basil Saour, V. Khurana, J. Yong, T. Waters, M. Liakos, M. Torosoff
Albany Medical Center, Albany, NY, USA
- 15:45 **Contractility-Guided Ventricular Lead Implant Optimizes Pacing Among Patients with Structural Heart Disease**
Peter P. Karpawich, K. Zelin, H. Singh
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA
- 16:00 **Systematic Analysis of Failed ATP in AICD to Achieve Rhythm Identification**
Jane C. Caldwell, D.P. Redfearn, A.M. Baranchuk, K.A. Michael, C. Simpson, H. Abdollah, Arrhythmia Service, Kingston General Hospital, Kingston, ON, Canada
- 16:15 **Myotonic Dystrophy and Cardiac Conduction System Abnormalities: How Awareness Affects the Patient Outcome?**
K. Khalighi, S.B. Thapamagar, N. Singh
Easton Hospital, Easton, PA, USA, Drexel University, Philadelphia, PA, USA
- 16:30 COFFEE, VISIT POSTERS AND EXHIBITION

S31 Session

THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

- 14:00 **Interaction between Telomerase and Myocardin a Critical for Cardiomyogenic Development of Mesenchymal Stem Cells: An Implication for Cardiovascular Tissue Repair and Regeneration**
Yong-Jian. Geng
University of Texas Houston Medical School, Houston, TX, USA
- 14:15 **Detrimental Impact of Diabetes on EPHA2 Knockout Mice Following Myocardial Infarction**
Mohammed A. Farooqui, J. Virag, S. Kent, W. O'Neal, F. Faiz, J. Vuncannon, J Hodges, East Carolina University, Greenville, NC, USA
- 14:30 **Genetic Variants Reducing MTR Gene Expression Increase Risk of Congenital Heart Disease in Han Chinese Population**
Hongyan Y. Wang, J.Y. Zhao, X.H. Gong, G.Y. Huang, B. Qiao, W.Y. Duan, H.B. Shen, L Jin, Fudan University, China
- 14:45 **The Molecular Basis of Autosomal Dominant Hypercholesterolemia: Assessment in a Large Cohort of Hypercholesterolemic Children**
A. van der Graaf, H.J. Avis, D.M. Kusters, M.N. Vissers, B.A. Hutten, J.C. Defesche, S.W. Fouchier, F.A. Wijburg, J.J.P. Kastelein, **Albert Wiegman**
Academic Medical Center, Amsterdam, The Netherlands
- 15:00 **Histological and Functional Assessment of Human Placental Stem Cells in a Myocardial Rat Infarction**
Georges Makhoul, Y.T. Ma, M. Duong, R. Chiu, R. Cecere
McGill University, Montreal, QC, Canada
- 15:15 **Apical Hypertrophic Cardiomyopathy with a Rare MYBPC3 Gene Mutation Variant**
Priyanka T. Bhattacharya, T.A. Ahmad, M.A. Bataineh
Mercy Catholic Medical Center, Drexel University, Philadelphia, PA, USA
- 15:30 **Inflammation Following Myocardial Infarction Plays an Important Role in Collagen Synthesis and Cardiac Remodelling**
A. Curaj, S Simsekylmaz, I. Kanzler, A. Schuh, **Elisa Liehn**
Institute for Molecular Cardiovascular Research (IMCAR), RWTH Aachen University, Aachen, Germany
- 15:45 **A Missense Mutation in the CHRM2 Gene is Associated with Familial Dilated Cardiomyopathy**
Lin Zhang, A. Hu, H. Yuan, L. Cui, G. Miao, X. Yang, L. Wang, J. Liu, X. Liu, S. Wang
Beijing Chao-Yang Hospital affiliated Capital Medical University, Beijing, China
- 16:00 **Glucocorticoid Ameliorated Early Cardiac Dysfunction after Coronary Microembolization by Suppressing TGF-Beta1/SMAD3 and CTGF Expression**
Zhangwei W. Chen, J.Y. Qian, J.Y. Ma, S.F. Chang, Y.Z. Zou, J.B. Ge
Zhongshan Hospital, Fudan University, Shanghai, China
- 16:15 COFFEE, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2012

16:45 – 19:00

Hall A

PL13 Plenary Session

EMERGING MOLECULAR PARADIGMS IN MYOCARDIAL ISCHEMIA, INFARCTION AND REMODELING

- 16:45 **Lineage Markers in Tracking Cardiac Fibroblast Fate in Vivo and In Vitro**
Carlin S. Long, University of Colorado Health Sciences Center, Denver, CO, USA
(Invited Speaker)
- 17:00 **p90RSK Regulates Chip UB Ligase Activity Via ERK5 and Promotes Cardiac Dysfunction** (Invited Speaker)
Jun-ichi Abe, University of Rochester School of Medicine and Dentistry, Rochester, NY, USA
- 17:15 **Negative Regulation of Toll like Receptor (TLR)/Interleukin-1 (IL-1) Signaling in Cardiac Repair** (Invited Speaker)
Nikolaos Frangogiannis, Albert Einstein College of Medicine, Bronx, NY, USA
- 17:30 **Cross-Talk Between Mitochondrial and ER Death Pathways in the Heart**
(Invited Speaker)
Lorrie A. Kirshenbaum, University of Manitoba, Winnipeg, MB, Canada
- 17:45 **Stem Cells for Cardiac Regeneration in the Diabetic and Non-Diabetic Heart**
(Invited Speaker)
Dinender K. Singla, University of Central Florida, Orlando, FL, USA
- 18:00 **Role of Autophagy in the Human Heart Exposed to Iatrogenic Ischemia/Reperfusion Injury** (Invited Speaker)
Tiziano M. Scarabelli, Wayne State University School of Medicine, Detroit, MI, USA
- 18:15 **Habitual Short Sleep Duration is Associated With Endothelial Fibrinolytic Dysfunction**
B.R. Weil, **Kyle J. Diehl**, J. Greiner, B.L. Stauffer, C.A. DeSouza
University of Colorado, Boulder, CO, USA
- 18:30 **The Molecular Mechanism of Galectin-3-Stimulated Cardiac Fibroblast Proliferation**
Wen-Rui Hao, J.C. Liu, T.H. Cheng, J-J. Chen
Taipei Medical University, Taipei, Taiwan
- 18:45 **MicroRNA-328 Contributes to Adverse Remodeling in Atrial Fibrillation**
Y.J. Lv, H.L. Shan, W.F. Chu, **De-Li Dong**, B.F. Yang
Harbin Medical University, Harbin, China

SUNDAY, JULY 29, 2012

16:45 – 18:45

Hall B

PL14 Plenary Session

HYPERTENSION: FROM GENETICS TO RECENT ADVANCES IN THERAPY

- 16:45 **Role of Echocardiography in Pulmonary Arterial Hypertension. From Diagnosis to Prognosis** (Invited Speaker)
Eduardo Bossone, Cava de Tirreni & Amalfi Coast Hospital, Italy
- 17:00 **Hypertension in Elderly** (Invited Speaker)
Wilbert S. Aronow Cardiology Division, New York Medical College, Valhalla, NY, USA
- 17:15 **Blood Pressure Targets for Patients with Coronary Artery Disease: Is Lower Better?** (Invited Speaker)
Clive Rosendorff, Mount Sinai School of Medicine, New York, NY and James J. Peters VA Medical Center, Bronx, NY, USA
- 17:30 **Sleep -Time Blood Pressure as a Therapeutic Target for Cardiovascular Risk Reduction** (Invited Speaker)
Ramon C. Hermida, Campus Universitario, Vigo, Spain
- 17:45 **Renal Denervation - State of the Art** (Invited Speaker)
Stefan C. Bertog, Cardiovascular Center Frankfurt, Germany
- 18:00 **Prehypertension: Not a Benign Vascular Condition** (Invited Speaker)
Christopher DeSouza, University of Colorado, Boulder, CO, USA
- 18:15 **Emerging Molecular Mechanisms of Pulmonary Arterial Hypertension: Are we Closer to a Cure?** (Invited Speaker)
Duncan J. Stewart, Ottawa Health Research Institute, The Ottawa Hospital, ON, Canada
- 18:30 **HOW IMPORTANT IS WHITE-COAT HYPERTENSION FOR THE APPROPRIATE TREATMENT OF HIGH-RISK PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION?** (Invited Speaker)
Stanley S. Franklin, University of California, Irvine, CA, USA

S32 Session
ARRHYTHMIA II: DIAGNOSES, DRUG THERAPY, ABLATION

- 16:45 **Comparative Efficacy, Cost and Radiation Exposure During Tachycardia Ablation in Children with and without Fluoroscopic Imaging**
Yamuna Sanil, H. Singh, P.P. Karpawich
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA
- 17:00 **Chromosome 4Q25 Variants and Atrial Fibrillation Recurrence after Catheter Ablation**
Daniela Husser, V. Adams, A. Arya, G. Hindricks, A. Bollmann
Heart Center Leipzig, Germany
- 17:15 **Non-Invasive Assessment of Dronedarone Effects on Atrial Electrophysiology during Sinus Rhythm and Atrial Fibrillation**
S. John, J. Salmas, S. Lobe, M. Stridh, D. Husser, **Andreas Bollmann**
Heart Center Leipzig, Germany
- 17:30 **Diminished Value of Adenosine Revealing Transient Pulmonary Vein Conduction when Preceded by Radiofrequency Ablation Guided by High Output Pacing Induced Exit Conduction**
Scott J. Pollak, G. Monir
Arrhythmia and Ablation Center, Florida Heart Institute, Orlando, FL, USA
- 17:45 **Prognostic Significance of Minor Troponin Elevation in Patients with New Onset Atrial Fibrillation**
S.K. Mathias, **Andrew G. DeNazareth**, J.A. Fernandes, P. Gangi, A. Smer, V.M. Alla, D.J. Esterbrooks
Creighton University, Omaha, NE, USA
- 18:00 **Hybrid Approach with Radiofrequency and Cryoballoon Ablation for Paroxysmal Atrial Fibrillation**
Mubashir Ahmed, J.S. Sussman, T.H. Mahoney, J.H. Curwin, R.F. Coyne, K. Quinlan, S.L. Winters
Gagnon Cardiovascular Institute, Morristown Medical Center, Morristown, NJ, USA
- 18:15 **Intracardiac Echocardiography does not Increase Ablation Procedure Time**
Javier E. Banchs, G.E. Smith, S.M. Samii, E.D. Penny-Peterson, D.L. Wolbrette, G.V. Naccarelli, M.D. Gonzalez
Penn State Hershey Heart & Vascular Institute, Hershey, PA, USA
- 18:30 **Effect of Radiofrequency Catheter Ablation on Echocardiographic Parameters of Left Ventricular Synchrony in Patients with Pre-Excitation Due to Wolff-Parkinson-White Syndrome**
Gholamreza H. Davoodi, H. Ashraf, A. Kazemisaeid, S. Sadeghian, A. Vasheghani-Farahani, M. Sahebjam
Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran
- 18:45 **Relationship between Obesity and Complications in Atrial Fibrillation Patients Undergoing Catheter Ablation**
N. Sawaya, N. Abi Hatem, R. Sunna, S.L. Winters, T.H. Mahoney, R.F. Coyne, J.H. Curwin, J.S. Sussman
Morristown Medical Center, Morristown, NJ, USA

SUNDAY, JULY 29, 2012

S32 ARHYTHMIA II: DIAGNOSES, DRUG THERAPY, ABLATION

- 19:00 **Management of Atrial Fibrillation by Canadian Electrophysiologists after Discontinuation of the Pallas Study**
Kiarash Mohajer, B. Fregeau, V. Garg, A. Skanes, C.S. Simpson, D.P. Redfearn, K.A. Michael, A. Baranchuk
Heart Rhythm Service, Kingston General Hospital, Queen's University Kingston, ON, Canada

P401 Poster Session

**DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND
ATHEROSCLEROSIS: BASIC AND CLINICAL**

Obesity, Inflammatory Adipokines and Cardiovascular Disease

Mohammad J. Hosseinzadeh-Attar, A. Golpaie, M. Talebpour
School of Public Health, Tehran University of Medical Sciences, Tehran, Iran

Adjacent QTC Dispersion in Well Controlled Type II Diabetes Mellitus

Shahdad Khosropanah, M. Bahtoei
Shiraz University of Medical Sciences, Shiraz, Iran

**Agreement between Different Markers for the Diagnosis of Overweight and
Obesity**

D.M.L. Vieira; A.D. Borges; M.C.C. Tenório; C.K.C. Sá
FTC, Salvador - Ba, Brazil

P402 Poster Session

PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

**Role of Blood Urea Nitrogen to Creatinine Ratio in the Prediction of
Intravascular Volume Status in Patients with Systolic Heart Failure**

Molham Aldeiri, W.I. Khalife, M. Morsy, P. Nalabothu, A. Khanfar
University of Texas Medical Branch (UTMB), Galveston, TX, USA

Value of the ECG in the Diagnosis of the Diastolic Dysfunction

Mohamed Morsy, W.I. Khalife, P. Nalabothu, A. Khan, H. Van, S. Mutnuri,
S. Hussein, S. Onguti
University of Texas Medical Branch (UTMB), Galveston, TX, USA

Anemia is a Marker of Diastolic Dysfunction in Men

M. Morsy, W.I. Khalife, **P. Nalabothu**, A. Khan, V. Hoang, S. Onguti
University of Texas Medical Branch (UTMB), Galveston, TX, USA

Effects of Early Stage Diastolic Dysfunction on Functional Capacity

Wissam I. Khalife, M. Morsy, P. Nalabothu, A. Khan, H. Van, S. Mutnuri
University of Texas Medical Branch (UTMB), Galveston, TX, USA

Predictors of Recovery in Patients with Severe Systolic Heart Failure

Wissam I. Khalife, R. Al-Najjar, A. Al-Emam, A. Khanfar
University of Texas Medical Branch (UTMB), Galveston, TX, USA

**The Cardiovascular Capacity Reserve Control is the Name of the Game:
A Novel Hypothesis Comprehensively Explains Shock and Heart Failure**

Uri Gabbay, B.Z. Bobrovsky, Cardio Scale Ltd., Tel Aviv University, Tel Aviv, Israel

**Correlation between Diastolic Dysfunction and Body Mass Index with Abnormal
Liver Function Test (LFT)**

A.R. Al Emam, **Wissam I. Khalife**, M. Morsy, P. Nalabothu
University of Texas Medical Branch (UTMB), Galveston, TX, USA

**Does Age And Sex Predict Mortality In Patients With Severe Systolic Heart
Failure?**

Wissam I. Khalife, P. Nalabothu, A. Al Emam, M. Morsy
University of Texas Medical Branch (UTMB), Galveston, TX, USA

SUNDAY, JULY 29, 2012

P403 Poster Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

T-Wave Reversion during Exercise Stress Testing in Pediatric Patients

W. Hoyt, B.C. Cannon, **Christopher S. Snyder**

University of Virginia, Charlotte, VA, USA, Mayo Clinic, Rochester, MN, Rainbow Babies and Children's, Cleveland, OH, USA

Left Ventricular Diastolic Dysfunction in Asymptomatic Adolescents: Prevalence and Associated Factors

Carlos Esis, M. Bracho, A. Gonzalez, E. Silva, G. Bermudez, J. Villasmil, S. Briceno, G. Calmon, E. Clavell

Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela

Gerbode Type Defect in Adults after Repair of Tetralogy Of Fallot

Sergey Yalonetsky, A. Lorber, R. Wald, E. Oechslin

Rambam Hospital, Haifa, Israel

Treatment and Seven Year Follow Up Of a Fetus with Supraventricular Tachycardia and Hydrops: A Case Report

Richard M. Atkins, **Sherri Baker**

University of Oklahoma, Oklahoma City, OK, USA

Clinical Profile and Outcomes of Pregnant Patients with Congenital Heart Disease at the University of the Philippines-Philippine General Hospital (UP-PGH)

Michael J.T. Reyes, R.B. Capito, F.R. Punzalan

P404 Poster Session

NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Incremental Diagnostic Value of Dynamic CT-Based Myocardial Perfusion Imaging for the Detection of Hemodynamic Relevant Coronary Artery Stenosis as Determined by Fractional Flow Reserve

Martin Greif, F. von Ziegler, J. Tittus, C. Becker, F. Bamberg, A. Becker

University of Munich, Department of Cardiology, Munich, Germany

Non-Invasive Respiratory Monitoring in Heart Failure Patients Undergoing Interventional Procedures

A. Panasyuk, M.J. Lalli, N. Yocum, S. Panasyuk, R. Lew, E.P. Messana, **S.C. Morss**

C.J. Voscopoulos, Jenny E. Freeman, Respiratory Motion, Inc., Waltham, MA, USA

The Electrocardiogram Lacks Sensitivity for the Detection of Myocarditis

Sunny Jhamnani, A. Fuisz, J. Lindsay,

Washington Hospital Center, Washington DC, USA

SUNDAY, JULY 29, 2012

P405 Poster Session
INTERVENTIONAL CARDIOLOGY II

Comparison of Intervention with Drug Eluting Stent and Medical Treatment in Patient with Chronic Total Occlusion

Heeyeol Kim, E.H. Choo, Y.S. Ko, W.S. Chung, K.B. Seung
The Catholic University of Korea, Seoul, Korea

Comparison of Contrast-Induced Nephrotoxicity of Iodixanol and Iopromide in Patients with Renal Insufficiency Undergoing Coronary Angiography

Tae Jin Youn, K.J. Ahn, D.H. Shin, I.H. Chae, D.J. Choi
Seoul National University, Seoul, Korea

Non Randomized Trial Comparing Same-Day Discharge with Overnight Hospital Stay after Coronary Angioplasty

Juan M. Telayna, C. Garcia, R.A. Costantini
Hospital Universitario Austral, Buenos Aires, Argentina

Coronary Disease in Patients with Bifurcation Lesions

Teresa Gil-Jimenez, L.A. Inigo-Garcia, A. Ramirez-Moreno, J.R. Siles-Rubio, C. Medina-Palomo, L. Fernandez-Lopez, O. Sanz-Vazquez, J.F. Munoz-Bellido, M. Pombo-Jimenez, F. Ruiz-Mateas
Hospital Costa del Sol, Marbella, Spain

Excellent Outcomes with Perclose in a Large Number of Unselected Patients Undergoing Cardiovascular Procedures

Gurjaipal S. Kang, UPMC Hamot Hospital, Erie, PA, USA

Gradual Decline in In-Hospital Mortality of Patients Undergoing Percutaneous Coronary Intervention in Diabetes and Non-Diabetes Patients

Mohammad-Reza Movahed, M. Hashemzadeh, M. Hashemzadeh
The Southern Arizona VA Health Care System, AZ, USA

P406 Poster Session
ACUTE CORONARY SYNDROMES: BASIC AND CLINICAL

Establishment of Coronary Microemboli Volume Causing Visible Myocardial Microinfarcts on MDCT and MRI

Maythem Saeed, S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson
University of California San Francisco, CA, USA

A Re-Audit on the Use and Prescription of Supplemental Oxygen in Patients Presenting with Acute Coronary Syndrome in the Coronary Care Unit

Kuldeepa Ghoorah, J. Cam D.P. Ripley, N. Swanson, M.A. de Belder, A. Harper
Newcastle University, Newcastle Upon Tyne, UK

Cardiac Electrophysiology, Injury Biomarkers and Myocardial Viability in Various Types of Ischemic Insults

Maythem Saeed, S.W. Hetts, L. Do, M.W. Wilson
University of California, San Francisco, CA, USA

SUNDAY, JULY 29, 2012

P407 Poster Session

ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI

Black Race a Predictor of Hyporesponsiveness to Clopidogrel by Platelet Function Testing In Emergency Room

R.K. Sharma, H.K. Reddy, S.W. Erickson, R.K. Sharma, D.J. Voelker, H. Dod, R. Legaspi, V.N. Singh, J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

A Study on the Efficacy and Safety of a Low Dose Clopidogrel Usage in Chinese People after Drug Eluting Stent Implantation for 3 Years

Weiyi Fang, W.Z. Han, H. Chen, X.B. Qiu, X.M. Hou, Y.J. Xu, S.F. Guan, R.G. Li
Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China

MONDAY, JULY 30, 2012

08:30 – 11:00

Hall A

PL15 Plenary Session
HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS

- 08:30 **Steps to Prevent Heart Failure** (Invited Lecture)
Hanumanth K. Reddy, University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 08:45 **Thyroid Hormone Dysfunction and Heart Failure: Fear of Overtreatment may be Causing Harm** (Invited Lecture)
A.M. Gerdes, New York College of Osteopathic Medicine, Old Westbury, NY, USA
- 09:00 **International Clinical Trials: Good for the New World Bad for the Third World** (Invited Lecture)
Sidney Goldstein, Henry Ford Hospital, Detroit, MI, USA
- 09:15 **AGING AND HEART FAILURE: ROLE OF HEALING AFTER MYOCARDIAL INFARCTION** (Invited Lecture)
Bodh I. Jugdutt, University of Alberta and Hospitals, Edmonton, Alberta, Canada
- 09:30 **Baroreflex Stimulation for the Treatment of Heart Failure** (Invited Lecture)
Hani N. Sabbah, Henry Ford Hospital, Detroit, MI, USA
- 09:45 **Novel Hemodynamic Risk Factors for New - Onset Heart Failure in the General Population** (Invited Lecture)
Julio A. Chirinos, University of Pennsylvania School of Medicine Philadelphia, PA, USA
- 10:00 **Management of Patient with Advanced Heart Failure** (Invited Lecture)
Maria Vittoria H. Pitzalis, East Carolina University, The Brody School of Medicine, Greenville, NC, USA
- 10:15 **Blood Urea Nitrogen: An Emerging Biomarker for Neurohormonal Activation in Heart Failure** (Invited Lecture)
Amir Kazory, University of Florida, Gainesville, FL, USA
- 10:30 **Diet in the Prevention and Management of Heart Failure** (Invited Lecture)
Christina Chrysohoou, First Cardiology Clinic, University of Athens, Greece
- 10:45 **Increased Renal ENaC Subunits and Sodium Retention in Rats with Chronic Heart Failure** (Invited Lecture)
Hong Zheng, University of Nebraska Medical Center, Omaha, NE, USA
- 11:00 COFFEE, VISIT POSTERS AND EXHIBITION

MONDAY, JULY 30, 2012

08:30 – 10:45

Hall B

PL16 Plenary Session
NOVEL CARDIOPROTECTIVE THERAPIES

- 08:30 **Early Insulin Treatment Ameliorates Post-Ischemic Heart Failure by Inhibition of Myocardial CaMKII and p38 MAPK Activity** (Invited Lecture)
Feng Gao, The Fourth Military Medical University, Xi'an, China
- 08:45 **The role of MyD88 in the anti-apoptotic effects of Interleukin-10**
(Invited Lecture)
Pawan K. Singal, St. Boniface Hospital Research Centre, Winnipeg, MB, Canada
- 09:00 **AMPLIFICATION OF THE MYOCARDIAL INFARCT SIZE LIMITING EFFECTS OF GLP-1 RECEPTOR ACTIVATION BY CILOSTAZOL, A PHOSPHODIESTERASE III INHIBITOR** (Invited Speaker)
Y. Ye, Y. Birnbaum
Baylor College of Medicine, Houston, TX, USA
- 09:15 **Molecular Mechanisms of the Beneficial Cardiovascular Effects of Trans-Resveratrol** (Invited Lecture)
Ulrich Forstermann, Johannes Gutenberg University Medical Center Obere Zahlbacher Strasse, Mainz, Germany
- 09:30 **Oxytocin – An Antiobesity and Cardioprotective Molecule** (Invited Lecture)
Daniela Jezova, Institute of Experimental Endocrinology, Bratislava, Slovakia
- 09:45 **Left Ventricular Failure Produces Profound Lung Remodeling and Pulmonary Hypertension: Heart Failure Causes Severe Lung Disease** (Invited Lecture)
Yingjie Chen, University of Minnesota, Minneapolis, MN, USA
- 10:00 **THERAPEUTIC POTENTIAL OF TISSUE INHIBITOR OF METALLOPROTEINASES (TIMPS) FOLLOWING MYOCARDIAL INFARCTION**
(Invited Speaker)
Zamaneh Kassiri, University of Alberta, Edmonton, AB, Canada
- 10:15 **Tricyclic Psychiatric Antidepressants as Alpha2a Adrenergic Receptor Ligands Modulating Receptor Function** (Invited Lecture)
Qin Wang, University of Alabama at Birmingham, AL, USA
- 10:30 **The Influence of Acute Matrix Metalloproteinase Activity on Myocardial Dysfunction Associated with Urgent Cardiac Surgery: Cardioprotective Effects Of Inhibition**
Elaine.S. Teh, D.J. Chambers
The Rayne Institute (King's College London), London, UK
Kansas City School of Medicine, Kansas City, MO, USA
- 10:45 COFFEE, VISIT POSTERS AND EXHIBITION

S33 Session
INTERVENTIONAL CARDIOLOGY

- 08:30 **Dedicated Stent Treatment versus Standard Treatment for Coronary Bifurcations: Long-Term Follow-Up**
Teresa Gil-Jimenez, L.A. Inigo-Garcia, J.R. Siles-Rubio, A. Ramirez-Moreno, L. Fernandez-Lopez, C. Medina-Palomo, M. Pombo-Jimenez, J.F. Munoz-Bellido, O. Sanz-Vazquez, F. Ruiz-Mateas, Hospital Costa de Sol, Marbella, Spain
- 08:45 **A Multidisciplinary Effort to Decrease Vascular Complications Following Percutaneous Coronary Intervention (PCI)**
Purushothaman Muthusamy, D. Busman, D. Wohns
Grand Rapids Medical Education Partners, Grand Rapids, MI, USA
- 09:00 **Meta-Analysis of Trials Involving Chronic Total Occlusions**
M. Khan, **Mohammad-Reza Movahed**
The Southern Arizona VA Health Care System, University of Arizona Sarver Heart Center, Tucson, AZ, USA
- 09:15 **Transradial Catheterization and M-Sign**
Ghassan H. Abusaid, W.I. Khalife,
University of Texas Medical Branch, Galveston, TX, USA
- 09:30 **Adjunctive use of Coronary Excimer Laser for Lesions Unsuccessfully Crossed with Coronary Balloons**
A. Singh, **Guru Srinivas**, S. Singhal, D. Jauhar, B. Kaplan, R. Jauhar, B. Arkonac
Long Island Jewish Medical Center, New Hyde Park, NY, USA
- 09:45 **Gender and Age Predict Hyporesponsiveness to Clopidogrel by Platelet Function Testing In Emergency Department**
H.K. Reddy, R. Sharma, S.W. Erickson, D.J. Voelker, M. Moazazi, H. Dod, V.N. Singh, J.D. Marsh, R.K. Sharma
University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 10:00 **Clinically Relevant Composite Outcomes in the Treatment of Symptomatic Coronary Artery Disease (CAD)**
Elizabeth L. Woollard, L.J. Wood, K.V. Woollard, T.G. Briffa
University of Western Australia, Perth WA, Australia
- 10:15 COFFEE, VISIT POSTERS AND EXHIBITION

PL17 Plenary Session

OBESITY, METABOLIC SYNDROME AND DIABETES

Joint Session with the American Society for Preventive Cardiology

- 11:15 **The Obesity Paradox and Cardiovascular Disease** (Invited Lecture)
Martin A. Alpert, University of Missouri-Columbia School of Medicine, Columbia, MO, USA
- 11:30 **THE EFFECT OF DIABETES ON SEX/GENDER DIFFERENCES IN CARDIOVASCULAR DISEASE: THE RANCHO BERNARDO STUDY**
(Invited Lecture)
Elizabeth Barrett-Connor, University of California San Diego, La Jolla, CA, USA
- 11:45 **Endothelial Dysfunction in Hypertension, Diabetes and Obesity**
(Invited Speaker)
Tadeusz Malinski, Chemistry and Biochemistry Ohio University, Athens, OH, USA
- 12:00 **Screening for CVD in Metabolic Syndrome and Diabetes?** (Invited Speaker)
Nathan D. Wong, Heart Disease Prevention Program, Division of Cardiology, University of California, Irvine, CA, USA
- 12:15 **Cardiovascular Disease Prevention in Patients with Diabetes** (Invited Speaker)
Gordon L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA
- 12:30 **Non-Invasive Ultrasound Evaluation of Subclinical Atherosclerosis: Progress and Pitfalls** (Invited Lecture)
Julius M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA
- 12:45 **Genetic Risk Factors for Cardiovascular Disease in Type 2 Diabetes**
(Invited Speaker)
Lu Qi, Harvard School of Public Health, Boston, MA, USA
- 13:00 **Efficacy and Safety of Saxagliptin in Patients with Type 2 Diabetes and History of Cardiovascular Disease**
William Cook, B. Bryzinski, J. Slater, M. Donovan, E. Allen
Medical Affairs, AstraZeneca, Wilmington, DE, USA
- 13:15 **Elevated Ambulatory Pulse Pressure in Hypertensive Patients with Type 2 Diabetes: The Hygia Project**
D.E. Ayala, A. Moya, S. Gomara, J.J. Crespo, M.C. Castineira, J.J. Sanchez, M. Dominguez, A. Mojon, J.R. Fernandez, **R.C. Hermida**
University of Vigo, Vigo, Spain
- 13:30 **Ambulatory Blood Pressure Thresholds for Diagnosis of Hypertension in Type 2 Diabetes Based on Cardiovascular Outcomes**
Ramon C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain
- 13:45 **Efficacy and Safety of Saxagliptin in Patients with Type 2 Diabetes Stratified by Cardiovascular Risk Factors**
William Cook, J. Slater, B. Bryzinski, M. Donovan, E. Allen
Medical Affairs, AstraZeneca, Wilmington, DE, USA

S34 Session
HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES

- 11:15 **Bioimpedance Vector Analysis in the Diagnosis of Acute Decompensated Heart Failure in the Emergency Department**
Devin W. Kehl, R. Choudhary, B. Dieffenbach, P. Clopton, P.R. Taub, A.S. Maisel
University of California at San Diego, San Diego, CA, USA
- 11:30 **The Role of Right Ventricular Function in Pediatric Idiopathic Dilated Cardiomyopathy**
Abraham Groner, J. Yu, H. Ko, J. Nielsen, I. Lytrivi, I. Parness, S. Srivastava
Mount Sinai Medical Center, New York, NY, USA
- 11:45 **Is "Chronotropic Incompetence" an Adaptive Mechanism in Systolic Heart Failure?**
Jamshid Shirani, T.H. LeJemtel
St. Luke's University Health Network, Bethlehem, PA, USA
- 12:00 **Prognostic Utility of QRS Fragmentation in Patients with Non Ischemic Cardiomyopathy**
Venkata M. Alla, O. Bansal, S. Kanuri, M.B. Jayanna, Y.M. Reddy, *Manu Kaushik*, D. Lakkireddy, A. Mooss
Creighton University, Omaha, NE, USA
- 12:15 **Takotsubo Cardiomyopathy and Stroke**
M.L. Young, J. Stoehr, M.I. Aguilar, *F. David Fortuin*
Midwestern University, Glendale, AZ, USA
- 12:30 **MicroRNAs as a Window into Cellular Processes Occurring soon after Acute Myocardial Infarction**
Clifton Watt, P. Sirish, N. Chiamvimonvat, J. López
University of California, Davis, Sacramento, CA, USA
- 12:45 **Evaluation of Atrial Asynchrony in Heart Failure Patients by 2D Speckle Tracking using Velocity Vector Imaging**
Maryam Esmaeilzadeh, M. Nikparvar, M. Maleki, F. Noohi, S.Z.M. Ojaghighi Haghighi, P. Nakhostin Davari, H. Bakhshandeh
Tehran University of Medical Sciences, Rajaie Cardiovascular Medical and Research Center, Tehran, Iran
- 13:00 **Frequency of Implantable Defibrillator (ICD) Use in Severe Systolic Heart Failure and Effects on Mortality**
R. Al-Najjar, T. Abu Sharifeh, A. Al Emam, A. Khanfar, *Wissam I. Khalife*
University of Texas Medical Branch, Galveston, TX, USA
- 13:15 **Beta Blocker Uptitration Post CRT: A Single Center Experience**
F.A. McGrew, E.E. Johnson, M.A. Coppess, J. Foon, S.B. Charlton, T.A. Charlton, *Jason J. Sims*
Stern Cardiovascular Clinic, Germantown, TN, USA
- 13:30 **PROBNP and Troponin Combined is a Stronger Predictor of Readmissions Compared to PROBNP alone in CHF Patients**
N.C. Bhalodkar, A. Alvi, *Raza Alvi*, U. Khan, J. N. Bella, M. Afshar
Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA

S35 Session

ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

- 11:15 **Diabetes Mellitus is a Predictor of Hyporesponsiveness to Clopidogrel by Platelet Function Testing in Emergency Room**
Rakesh K. Sharma, S.W. Erickson, R. Sharma, D.J. Voelker, F. Forsea, H. Dod, V.N. Singh, H.K. Reddy, J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, AR, USA
- 11:30 **MRI Evaluation of Left Ventricular Function Post Coronary Occlusion/Reperfusion and Embolization In Swine Model**
Maythem Saeed, S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson
University of California San Francisco, CA, USA
- 11:45 **Antidepressant Use, Serotonin Transporter Affinity, and Reinfarction among Patients Receiving Clopidogrel: A Population-Based Study**
Naif Fnais, M. Alshaikh, Z. Yao, T. Gomes, D. Juurlink, M. Mamdani
King Saud University, Riyadh, Saudi Arabia
- 12:00 **Serum Corin is Reduced and Predicts Adverse Outcome in Non S-T Elevation Acute Coronary Syndrome**
Aviva Peleg, Y. Hasin, Poriya Hospital, Tiberias, Israel
- 12:15 **Transradial Percutaneous Coronary Angioplasty In Acute Myocardial Infarction**
Juan M. Telayna, R.A. Costantini, C. Garcia
Hospital Universitario Austral, Buenos Aires, Argentina
- 12:30 **A Single Center Real World Comparison of Procedure Times in the Transradial and Transfemoral Approaches to Primary PCI**
Michael J. Martinelli, K.M. Forbush, M.E. Sturm, C.L. Lasky, M. Fecko
St. Peter's Hospital, Albany, NY, USA
- 12:45 **Differences in the Use of Cardiac Procedures between Women and Men Following Hospital Admission with Acute Myocardial Infarction: Is the Gap Getting Narrower?**
Navin N. Singh, V.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
Suncoast Cardiovascular Research, St Petersburg, FL, USA
- 13:00 **Challenges in the Management of Postpartum Spontaneous Coronary Artery Dissection**
A.G. Truesdell, J. Li, **Gabriel A. Delgado**, J.D. Abbott, M.K. Atalay, A.K. Singh
Warren Alpert Medical School of Brown University, Providence, RI, USA
- 13:15 **Ethnic Variations in Presentation and Door to Balloon Time in Patients with Stemi**
K. Heretis, **Evan Shlofmitz**, M. Balek, C. Park, A.J. Buda
New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA
- 13:30 **Revascularization with Percutaneous Techniques or Surgery is Associated with Improved in-Hospital Survival in Elderly Patients Hospitalized with Acute Myocardial Infarction**
Vibhuti.N. Singh, N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
University of South Florida College of Medicine, Tampa, FL, USA

P501 Poster Session

PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

Role of Dietary Habits among Three Different Ethnic Groups in ST-Segment Elevated Myocardial Infarction (STEMI)

Giovanni Peretto, A. Durante, A. Laricchia, F. Ancona, M. Spartera, U. NG, D. Hu, N. Cristell, A. Maseri, D. Cianflone
Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy

Borderline High LDL-C and Endothelial Vasoconstrictor Tone

Kyle J. Diehl, J.J. Greiner, B.L. Stauffer, C.A. DeSouza
University of Colorado, Boulder, Colorado, USA

Association of Physical Activity in a Young Student Population from the City of Campinas, Brazil

J.F.K. Saraiva, D.J.B. Saraiva, A. Avezum, A. Thimerman, L.A.M. Cesar, J.R.Z. Mendes, C.C. Magalhaes
Sao Paulo State Cardiology Society, Sao Paulo, SP, Brazil

A School-Based Educational Intervention on Cardiovascular Disease Risk Factor Knowledge among Iranian High School Students

F. Khoshkhou, A. Arbabisarjou
Islamic Azad University of Zahedan Branch, Zahedan, Iran

Relationship of Cardiometabolic Risk Factors, Revealed in Health Centers, and Data of Dispersion ECG-Carting

Marina V. Avdeeva, A.B. Shapovalova, L.V. Shcheglova
St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia

Increased Psychosocial Stress in Greek Migrants with CHD: The Healthy Heart, Healthy Mind Study

Litza A. Kiropoulos, I. Meredith, A. Tonkin, D. Clarke, P. Antonis, J. Plunkett
University of Melbourne, Melbourne and Monash University, Melbourne, Australia

Effect of Supplementation of Folic Acid & Vitamin B12 on Cardiovascular Mortality & Hyperhomocysteinemia in Chronic Kidney Disease

Nitya Nand
PGIMS, Rohtak, India

Hypomagnesaemia in Cardio-Cerebrovascular Disease is Linked of Some Risk Factors of Atherosclerosis and of Missing Tooth, in Patients from Romania

Ioan A. Gutiu, L.I. Gutiu, F.S. Radulescu, M. Cojocaru
Military Emergencies Hospital, Bucuresti, Romania

MONDAY, JULY 30, 2012

P502 Poster Session
VALVULAR HEART DISEASE / HEART VALVE SURGERY

Balloon Valvuloplasty as a Bridge to Aortic Valve Replacement: A Single Center Experience

Aalok D. Patel, J. Stewart, E. Clermont, K. Mavromatis, V. Babaliaros
Emory University School of Medicine, Atlanta, GA, USA

A Single Tertiary Care Center Experience with BMV (Balloon Mitral Valvotomy) in Pregnant Women in India

Satsh C. Mishra, A. Banerji
Base Hospital Delhi Cantt, New Delhi, Delhi, India

Preoperative Left Ventricular Function in Degenerative Mitral Valve Disease

E. Malev, G. Kim, M. Omelchenko, L. Mitrofanova, **Maria Prokudina**,
E. Zemtsovsky
Almazov Federal Heart, Blood and Endocrinology Centre, Russia

Is Left Atrial Size a High Risk for Post-Operative Atrial Fibrillation after Aortic Valve Replacement

G.H. Yao, R. Ali, J. Cui, D. Engelman, D. Deaton, J. Flack III, J.R. Cook,
J. Rousou, **Leng Jiang**
Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA

Does Pre-Operative Chronic Kidney Disease Estimated By CKD-EPI Formula Impact Long-Term Survival Following Aortic Valve Surgery?

Alex Kossar, M. Ji, H. Yerebakan, S. Jones, L. Soni, T. Raza, B.C. Esrig,
M. Argenziano, F.H. Cheema
Columbia University, New York, NY, USA

Understanding of the Etiology of Degenerative Mitral Valve Disease by Echocardiography, Surgeon and Pathologist

E. Malev, G. Kim, L. Mitrofanova, M. Gordeev, **Maria Prokudina**, E. Zemtsovsky
Almazov Federal Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia

Can Diastolic Function Parameters be used to Determine the Timing of Surgery in Patients with Severe Aortic Stenosis?

Mohammed Q. Najib, J.L. Ganji, A. Raizada, H.R. Lee, H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

Impact of N-Terminal Bnp Levels in Patients with Severe Valvular Aortic Stenosis

T. Thomas, C.N. Manjunath, **Shaheena Banu**
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore, India

Analysis of Morbidity, Mortality and Risk Factors in Patients Undergoing Mitral Valve Replacement with 'Continuous Suture Technique'

Sushil K. Singh, V. Devenraj, S.K. Dwivedi, D. Kaushal, A. Kumar, V. Tewarson,
T. Goyal, S. Kumar, N. Rajput, S. Kumar
CSM Medical University, Lucknow, India

Does BMI or Metabolic Syndrome Predict Outcome after Minimally Invasive Cardiac Surgery?

Mengxi Ji, A. Kossar, H. Yerebakan, B.C. Esrig, T. Raza, L. Soni, S. Jones,
M. Argenziano, F.H. Cheema
Columbia University, New York, NY, USA

MONDAY, JULY 30, 2012

Valve Surgery in Endocarditis and Non-ST-Elevation Myocardial Infarction without Coronary Angiogram

Maneharran M. Paulpillai, S. Dadkhah, S. Dowlatshahi, M. Shahreyar, M.A. Furghani, R. Sharain
St. Francis Hospital, Evanston, IL, USA

Higher Prevalence of Physical Symptoms Reported in Subjects with Mitral Valve Prolapse is related to Higher Prevalence of Female Gender with Mitral Valve Prolapse and not Due to Presence of Mitral Valve Prolapse

Mohammed R. Movahed, S. Bates
Caremore, University of Arizona Sarver Heart Center Tucson, AZ, USA

TGF-beta Antigene Expression and Calcific Aortic Stenosis

N.N. Parfenova, E.V. Dubova, S.I. Khasanova, L.B. Mitrofanova, E.V. Zemtsovsky, **Maria Prokudina**
Almazov Federal Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia

P503 Poster Session

CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT

Long Term Functional Benefits of Epicardial Patches as Cell Carriers

Hadhami Hamdi, V. Planat-Benard, A. Bel, H. Neamatalla, M-C. Perrier, L. Casteilla, M. Pucéat, A.A. Hagège, O. Agbulut, P. Menasché
INSERM U633, Laboratory of Biosurgical Research, University Paris Descartes, Paris, France

Coronary Calcifications are not a Marker of Cardiac Allograft Vasculopathy in Patients after Heart Transplantation

Franz von Ziegler, M. Greif, J. Ruemmler, C. Becker, B. Reichart, B. Meiser, I. Kaczmarek, G. Steinbeck, A. Becker
Ludwig-Maximilians-University, Grosshadern Campus, Munich, Germany

Deletion of CD98 in Mouse Lymphocytes Results in Cardiac Allografts Acceptance

Ping Zhu, Z. Liu, Q. Zhang, H. Tsumura, X-K. Li
National Research Institute for Child Health and Development

Late Myocardial Involvement with Pericardial Constriction Caused by Mediastinitis due to the Donor Transmitted Klebsiella Infection after Heart Transplantation

Nurcan Arat, E. Pektok, C. Ciftci, N. Yazıcıoğlu, S. Kucukaksu
Istanbul Bilim University, Istanbul, Turkey

Effect of Continuous Flow Left Ventricular Assist Device Support on Diastolic Function

Nandini Nair, P. Lammert, S. John, D. Jupiter, E. Gongora, C. Tong

Estimation of Glomerular Filtration Rate in Heart Transplantation Recipients: Is CKD-EPI Equation a Superior Prognostic Indicator than the MDRD Equation?

Mengxi Ji, H. Yerebakan, A. Kossar, S. Jones, L. Soni, M. Argenziano, P.C. Schulze, H. Takayama, Y. Naka, F.H. Cheema
Columbia University, New York, NY, USA

MONDAY, JULY 30, 2012

P504 Poster Session
VASCULAR BIOLOGY, BASIC RESEARCH

SERP-1 and SERP-2, Viral Anti-Inflammatory Proteins, Modulate Signaling in Human Monocytes

Jennifer A. Davids, S. Saikaly, N. Fife, A.R. Lucas
University of Florida, Gainesville, FL, USA

The Study of Invitro Cardiovascular Effects of Crataegus Aronia in Normotensive Rats

M.S. Shekha, **Omar Al-Habib**
Faculty of Science, University of Zakho, Iraq

Modulation of Aortic Inward Rectifier Potassium Channels Activity by Hydrogen Sulfide

Omar Al-Habib, A. Salihi, O. Moran, C. Picco, D. Baroni
Faculty of Science, University of Zakho, Iraq

P505 Poster Session
GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASE THERAPIES, BASIC RESEARCH

Gene Polymorphisms IL-1 RN Y IL-1B-511 In Venezuelan With Chronic Chagasic Cardiomyopathy

Claudina del Carmen Rodríguez-Bonfante, M.A. Chiurillo-Siervo,
L. Labrador-Montero
Universidad Centroccidental Lisandro Alvarado, Barquisimeto, Lara, Venezuela

Dynamics of Myocardial Perfusion in Patients with Coronary Heart Disease and Post Infarction Cardiosclerosis after Stem Cell Therapy

Z. Rahimov, A. Barotov, A. Dustov, M. Khidirov, U. Kurbonov, T. Gulmuradov,
S. Muminjonov, A. Didari, S.S. Rahmonov, **Massoud Mirshahi**
Cardio-Vascular Surgery and Hematology of Ministry of Health of the Republic of Tajikistan andUMRS 872, INSERM, Paris, France

The Role of Gene Polymorphism in Familial Cardiomyopathy

Waleed M. Alshaqha, K.A. Alabdurahman, D.A. Dizmiri
Imam Mohammed Bin Saud University, Riyadh, Saudi Arabia

MONDAY, JULY 30, 2012

P506 Poster Session
CARDIAC ARREST AND SUDDEN DEATH

Electrocardiographic Findings among Patients Presenting with Cardiac Arrest and Neurological Events treated with Hypothermia

Maryam Mohammadi, G. Baquero, J. Logue, S. Ettinger, J. Banchs
Penn State Hershey Medical Center, Hershey, PA, USA

Atherosclerotic Heart Disease Burden, Left Ventricular Systolic Dysfunction, and Outcomes in Cardiac Arrest Survivors Treated with Therapeutic Hypothermia

Vikash K. Khurana, B. Saour, T. Waters, Y. Ji, M. Torosoff
Albany Medical Center, Albany, NY, USA

The Occurrence of Shivering in Cardiac Arrest Survivors Undergoing Targeted Temperature Management is Associated with a Good Neurologic Outcome

Sanjeev U. Nair, K. Ramya Kallur, S. Dolack, J.B. Lundbye
Hartford Hospital, Hartford, CT, USA

Exploring Sudden Cardiac Death- An Autopsy Study from South India

Uma N. Srivatsa, K. Swaminathan, S.A. Munavarah, A. Selvamurugan, P.K. Dash, K. Shantaraman
UC Davis, CA, USA

Can a Wearable Cardioverter-Defibrillator (WCD) be used for Antiarrhythmic Medication Initiation and Titration?

E.T. Karam, C. Pherson, **Nicole R. Bianco**, S.J. Szymkiewicz
Zoll Medical, Pittsburgh, PA, USA

P507 Poster Session
CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION

Cavo-Tricuspid Isthmus Catheter Ablation without Fluoroscopic Guidance: First Experience with Carto 3 System

Ines Uribe, M. Alvarez, L. Tercedor, G. Tortajada, M. Algarra, J. Jimenez, R. Macias, R. Melgares
Hospital Universitario Virgen de las Nieves, Granada, Spain

Short-Coupled Torsades De Pointes: Is Ventricular Ectopy Always Short-Coupled?

Andrew Yin, R.T. Ho, D.R. Frisch, A.J. Greenspon, B.B. Pavri
Thomas Jefferson University Hospital, Philadelphia, PA, USA

Fluoroscopic vs Non-Fluoroscopic Imaging During Pediatric Catheter Ablation: A Time-Safety-Cost-Efficacy Comparison

Yamuna Sanil, H. Singh, P.P. Karpawich
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

Best Lead(s) Regarding QT Interval Measurement for Bedside ECG Monitoring: A Systemic Review

S.L. Lo, H.S. Lo, H.C. Lo, F.C. Lin, S.C. Yeh
Chang Gung University of Science and Technology, Taoyuan, Taiwan

Increased Mortality Risk during Gravitational Transition in Heart Disease Model

Pattara Rattanawong, W. Vuthikraivit, A. Charoensri, T. Bupha-Intr, T. Ngarmukos, S. Tantiphanwadi, A. Kijawornra, I. Miyoshi
Ramathibodi Hospital, Mahidol University, Bangkok, Thailand