SATURDAY, JULY 28, 2012

09:00 – 10:15 Hall A

OC: OPENING CEREMONY

Chair: Jeffrey S Borer, USA

GREETINGS
Asher Kimchi, USA
Founder and Chairman
International Academy of Cardiology

Jeffrey S. Borer, USA
Chairman, Scientific Executive Committee
Chairman, Section of Vavulgar Heart Disease
International Academy of Cardiology

John A. Elefteriades, USA
Member, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
International Academy of Cardiology

Naranjan S. Dhalla, Canada
Member, Scientific Executive Committee
Chairman, Section of Cellular Biology of the Heart
International Academy of Cardiology

William Bommer, USA
Member, Scientific Executive Committee
International Academy of Cardiology

Nathan D. Wong, USA
Member, Scientific Executive Committee
Chairman, Section of Preventive Cardiology
International Academy of Cardiology

Michael E. Farkouh, Canada
Member, Scientific Executive Committee
International Academy of Cardiology

PRESENTATION OF 2012 AWARDS
Jeffrey S. Borer, USA
John A. Elefteriades, USA
SATURDAY, JULY 28, 2012

09:40 – 10:15 Hall A

OL: OPENING LECTURE – SIXTH H.J.C. SWAN MEMORIAL LECTURE

Chair: J.L. Mehta, Little Rock, AR, USA

09:40 INTRODUCTION
J.L. Mehta, Little Rock, AR, USA

09:45 PERIPARTUM CARDIOMYOPATHY: NEW CONCEPTS IN PATHOPHYSIOLOGY AND MANAGEMENT (Opening Lecture)
U. Elkayam, University of Southern California, Keck School of Medicine, Los Angeles, CA, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15 Hall A

PL01 Plenary Session
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

Chairs: K. Maiese, Newark, NJ, USA
M.A. Rossi, Ribeirao Preto, Sao Paulo, Brazil

10:45 CELL LONGEVITY PATHWAYS GOVERN VASCULAR AND INFLAMMATORY RESPONSES TO OXIDANT STRESS (Invited Lecture)
K. 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)
M.A. Rossi, University of Sao Paulo, Sao Paulo, Brazil

11:15 STEM CELLS AND VASCULAR DISEASE (Invited Lecture)
Q. Xu, Kings College London, UK

11:30 THE EFFECTS OF RISK FACTORS ON ENDOTHELIAL PROGENITOR CELLS IN CARDIOVASCULAR DISEASES (Invited Lecture)
S-J. Lin, National Yang-Ming University and Taipei Veterans General Hospital, Taipei, Taiwan

11:45 THE CONUNDRUM OF MYOCARDIAL REGENERATION (Invited Lecture)
W. Mohl, Medizinische Universität Wien, Vienna, Austria

12:00 CO-ORDINATED AUTOPHAGY WITH RESVERATROL AND -TOCOTRIENOL CONFERS SYNERGETIC CARDIOPROTECTION (Invited Lecture)
D.K. Das, University of Connecticut School of Medicine, Farmington, CT, USA
SATURDAY, JULY 28, 2012

PL01  Plenary Session
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE (cont)

12:15  MYOCARDIN ACTIVITY IS REGULATED BY PROTEASOMAL DEGRADATION  (Invited Lecture)
       X-L. Zheng, The University of Calgary, AL, Canada

12:30  HIV-1 INFECTION IS ASSOCIATED WITH IMPAIRED ENDOTHELIAL PROGENITOR CELL FUNCTION
       K.J. Diehl, O.J. MacEneaney, J.J. Greiner, B.L. Stauffer, E. Connick, C.A. DeSouza
       University of Colorado, Boulder, CO, USA

12:45  GINSENSOSIDE RE ENHANCES THE SURVIVAL OF H9C2 CARDIAC MUSCLE CELLS THROUGH REGULATION OF AUTOPTHagy
       Z-L. Zhang, Y. Fan, M-L. 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
       F-L. Xiang, Y. Liu, X.R. Lu, M.R. Liu, Q.P. Feng
       Western University, 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

Chairs:  S.F. Nagueh, Houson, TX, USA
        N.C. Nanda, Birmingham, AL, USA

10:45  PROGRESS IN ECHOCARDIOGRAPHY  (Invited Lecture)
       N.C. Nanda, University of Alabama at Birmingham, Birmingham, AL, USA

11:00  VALVULAR HEART DISEASE: CAN MRI TRUMP THE ECHOCARDIOGRAM?  (Invited Lecture)
       R.W.W. Biederman, University Allegheny General Hospital, Pittsburgh, PA, USA

11:15  NOVEL ECHOCARDIOGRAPHIC INDICES OF LEFT VENTRICULAR DIASTOLIC FUNCTION  (Invited Lecture)
       S.F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houson, TX, USA

11:30  EVALUATION OF CHEST PAIN IN THE EMERGENCY DEPARTMENT: A PATIENT-CENTERED IMAGING APPROACH  (Invited Lecture)
       J.J. Mahmorian, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA
SATURDAY, JULY 28, 2012

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

11:45  USEFULNESS OF OPTICAL COHERENCE TOMOGRAPHY IN CLINICAL PRACTICE IN PATIENTS WITH CORONARY ARTERY DISEASE  (Invited Lecture)
T. 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)
M.-R. Movahed, University of Arizona Sarver Heart Center, Tucson, AZ, USA  

12:15  STRESS ECHOCARDIOGRAPHY: DIAGNOSIS, PROGNOSIS AND RECENT ADVANCES  (Invited Lecture)
A. Elhendy, Marshfield, WI, USA  

12:30  VULNERABLE PLAQUE AND VULNERABLE PATIENT: INSIGHTS FROM IVUS AND OCT  (Invited Lecture)
H. Okura, Kawasaki Medical School, Kurashiki, Japan  

12:45  DIAGNOSTIC ACCURACY OF EXERCISE ECHOCARDIOGRAPHY  (Invited Lecture)
M. Prokudina, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia  

13:00  CARDIAC MAGNETIC RESONANCE IMAGING IN PERIPARTUM CARDIOMYOPATHY
N.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

Chairs:  N.E. Bowles, Salt Lake City, UT, USA
N.M. Rajamannan, Rochester, MN, USA  

10:45  IDENTIFYING THE MOST COST EFFECTIVE METHOD OF RISK ASSESSING ASYMMPTOMATIC WOLFF-PARKINSON-WHITE PATIENTS  
C.S. Snyder, P.E. Thomas, J. Steinberg
Rainbow Babies and Children’s Hospital, Cleveland, OH, USA
S21 Session
VALVULAR HEART DISEASE, DISEASES OF THE THORACIC AORTA, CONGENITAL
HEART DISEASE, PEDIATRIC CARDIOLOGY (cont)

11:00 UNPREDICTABLE “DE NOVO” ATRIAL FIBRILLATION OCCURRENCE
AFTER MITRAL VALVE REPAIR VS REPLACEMENT
G. Peretto, A. Durante, N. Cristell, C. Meloni, A. Laricchia, M. Spartera,
F. Ancona, S. Benussi, O. Allieri, 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
M.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
M.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, S. Kadirova, R. Murzabaeva
National Research Cardiac Surgery Center, Astana, Kazakhstan

12:15 INSIGHTS INTO THE AORTIC WALL
J.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
I.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?
The Children’s Hospital of Michigan, MI, USA

13:00 THE OUTCOME OF TRANSCATHETER PATENT DUCTUS ARTERIOSUS
CLOSURE IN PATIENTS WEIGHING ≤ 8kg
Y. 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
SATURDAY, JULY 28, 2012

10:45 – 13:30 Hall D

S22 Session
METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

Chairs: U. Forstermann, Mainz, Germany
        F. Gao, Xi’an, China

10:45    DIMINISHED ENDOTHELIAL FIBRINOLYTIC CAPACITY IN ADULTS
         WITH IMPAIRED FASTING GLUCOSE
        K.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 GLYATED 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
        J-H. Jang, S.H. Huh, 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
        S.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
        Y.Y. Go, N. Shanmugam, L.L. Sim, S.Y. Chia, F.R. Jaffeally, D. Sim,
        B. Kwok, F. Gao, R. Liew
        National Heart Center Singapore, Singapore

11:45    CD36 PROMOTES ADIPOCYTE DIFFERENTIATION AND ADIPOGENESIS
         R.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
        S. 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
        T. Sathish, S. Kannan, P.S. Sarma, K.R. Thanikappan
        Monash University, VIC., Australia

12:30    PHARMACOLOGICAL STUDIES ON THUNBERGIA ALATA BOJER EX SIMS:
         A PLANT ALONG WITH THE NUMEROUS POTENCIES
        M.A.H. Mollik
        Practical Academy on Wise Education and Research Foundation, Dhaka, Bangladesh,
        Prescience Trust Funds, Phoenixville, PA, USA
### SATURDAY, JULY 28, 2012

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

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<tr>
<td>12:45</td>
<td>RANDOMIZED 30-DAYS TRIAL WITH GRANULATED GYMNEMA GREEN TEA TO REDUCE BLOOD SUGAR</td>
<td>A.K.M. Alamgir</td>
<td>St Michael’s Hospital, Toronto, ON, Canada</td>
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<td>13:00</td>
<td>BODY SURFACE AREA-INDEXED LEFT ATRIAL VOLUME PARADOX AFTER SURGICAL TREATMENT FOR MORBID OBESITY</td>
<td>G.H. Yao, L. Navaravong, J. Abbrud, J. D’Amours, A. King, L. Jiang</td>
<td>Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA</td>
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<tr>
<td>13:15</td>
<td>PARENTAL PERCEPTION OF CHILDHOOD OBESITY AND POTENTIAL DETERMINANTS IN THE UNITED ARAB EMIRATES</td>
<td>A. Abdulle, A. Aljunaibi, N. Nagelkerke</td>
<td>Faculty of Medicine, UAE University, Al-Ain, UAE</td>
</tr>
<tr>
<td>13:30</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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SATURDAY, JULY 28, 2012

08:00 – 13:00 Poster Session
INTERVENTIONAL CARDIOLOGY I

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<td>1</td>
<td>042</td>
<td>ACUTE VERSUS CHRONIC CORONARY DISEASE OUTCOMES IN OCTOGENARIANS WITH CHRONIC KIDNEY DISEASE</td>
<td>D. Bhatt, G. Trivedi, M.U. Saqlain, M. Gibb, S. Mehta, P. Kansara</td>
<td>University of Illinois College of Medicine, Urbana-Champaign, IL, USA</td>
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<td>2</td>
<td>043</td>
<td>IMPACT OF STENT LENGTH ON NEOINTIMAL HYPERPLASIA AFTER RESOLUTE ZOTAROLIMUS ELUTING STENT IMPLANTATION</td>
<td>R. Yamada, T. Kume, K. Waseda, P.G. Yock, I.T. Meredith, M.B. Leon, L. Mauri, A.C. Yeung, P.J. Fitzgerald, Y. Honda</td>
<td>Stanford University Medical Center, CA, USA</td>
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<td>3</td>
<td>044</td>
<td>SAPHENOUS VEIN GRAFT PCI VIA RADIAL ARTERY ACCESS: SAFE AND EFFECTIVE WITH REDUCED HOSPITAL LENGTH OF STAY</td>
<td>S.S. Bundhoo, P. Freeman, V. Kunadian, S. Vijayan, R. Edwards, T.D. Kinnaird, A. Zaman, R.A. Anderson</td>
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<td>4</td>
<td>045</td>
<td>IN-HOSPITAL MORTALITY OF OBESE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION HAS BEEN DECLINING FROM 1994 TO 2006</td>
<td>M-R. Movahed, M. Hashemzadeh, M. Hashemzadeh</td>
<td>The Southern Arizona VA Health Care System, Tucson, AZ, USA</td>
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<td>6</td>
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<td>TECHNIQUE-AND PROCEDURAL OUTCOME OF PERCUTANEOUS CORONARY INTERVENTION FOR CHRONIC TOTAL OCCLUSION</td>
<td>S Sehli, T. Nantsupawat, A Velasco, N Nantsupawat, A Kumar</td>
<td>Texas Tech University Health Sciences Center, Lubbock, TX, USA</td>
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<td>BRACHYTHERAPY FOR IN-STENT RESTENOSIS: OUTCOMES AT 90 DAYS</td>
<td>G.N. Srinivas, A. Singh, B. Kaplan, B.M. Arkonac, D. Jauhar, S. Singal, R. Jauhar</td>
<td>Long Island Jewish Medical Center New Hyde Park, NY, USA</td>
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<td>8</td>
<td>049</td>
<td>FEATURES OF PRIMARY DILATED CARDIOMYOPATHY AMONG EGYPTIAN HEART FAILURE PATIENTS</td>
<td>B.S. Ibrahim, R.N. Hanna, M. Aboeleinein, R.H. Aziz, M. Abdelhady, M. Fahmy, M. Ali</td>
<td>National Heart Institute, Cairo, Egypt</td>
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<td>9</td>
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<td>UNRECOGNIZED ISOLATED LEFT VENTRICULAR NONCOMPACITION PRESENTING AS STROKE IN A YOUNG WOMAN</td>
<td>G.A. Baquero, D.J. Colegrove, J.E. Banchs</td>
<td>Penn State College of Medicine, Hershey, PA, USA</td>
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<td>10</td>
<td>051</td>
<td>PERIPARTUM HEART FAILURE WITH NORMAL EJECTION FRACTION: A NOVEL ENTITY IN THE SPECTRUM OF PERIPARTUM CARDIOMYOPATHY</td>
<td>N.P. Arora, N. Mahajan, K. Ballapuram, A. Kottam, M. Toosi, L.C. Alonso</td>
<td>Wayne State University School of Medicine, Detroit Medical Center, Detroit, MI, USA</td>
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<td>11</td>
<td>052</td>
<td>CLINICAL CHARACTERISTICS OF PERIPARTUM CARDIOMYOPATHY IN EGYPTIAN WOMEN: A REPORT OF 10 PATIENTS</td>
<td>B.S. Ibrahim, R.N. Hanna, M. AboEleinen</td>
<td>National Heart Institute, Cairo, Egypt</td>
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**P103 Poster Session**

**CONSTRUCTIVE PERICARDITIS**

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<td>053</td>
<td>OCTOPUS BEYOND CORONARY ARtery BYPASS SURGERY</td>
<td>S.K. Singh, V. Tewarson, A. Kumar, T. Goyal, D. Kaushal, S. Kumar, V. Devenraj, N. Rajput, S. Kumar</td>
<td>CSM Medical University, Lucknow, India</td>
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<td>13</td>
<td>054</td>
<td>SIGNIFICANT CORONARY FLOW IMPAIRMENT SECONDARY TO EFFUSIVE CONSTRUCTIVE PERICARDITIS</td>
<td>A.R. Al Emam, W.I. Khalife, G. Abu Said, M. Morsy</td>
<td>University of Texas Medical Branch, Galveston, TX, USA</td>
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SATURDAY, JULY 28, 2012

08:00 – 13:00 Poster Hall

P104  Poster Session
ECHOCARDIOGRAPHY

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<td>055</td>
<td>IS ECHOCARDIOGRAPHY RELIABLE IN EVALUATING THE ASCENDING AORTA COMPARED TO COMPUTED TOMOGRAPHY IN PATIENTS WITH BICUSPID AORTIC VALVE?</td>
<td>A. Raizada, M.Q. Najib, J. Ganji, M. Kumar, H.P. Chaliki</td>
<td>Mayo Clinic, Scottsdale, AZ, USA</td>
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<td>PREDICTION OF RECURRENT VENTRICULAR ARRHYTHMIAS AFTER MYOCARDIAL INFARCTION BY SPECKLE TRACKING ECHOCARDIOGRAPHY</td>
<td>B.L. Nguyen, L. Capotosto, G. D’Alessandro, A. Rafique, E.S. Gang, F. Barilla, R.J. Siegel, A. Vitarelli, Sapienza University, Rome, Italy</td>
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<td>CLINICALLY UNRECOGNIZED MITRAL REGURGITATION IS PREVALENT IN LONE ATRIAL FIBRILLATION AND MAY BE ETIologically RELATED TO DEVELOPMENT OF LONE ATRIAL FIBRILLATION</td>
<td>S. Sharma, S. Singh, R. Sandhu, N. Bhambi, R. Sharma, B.K. Bhambi Bakersfield Heart Hospital, Bakersfield, CA, USA</td>
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<td>MOVING BEYOND THE ABSTRACT: OBJECTIVE DETERMINANTS OF RIGHT HEART FAILURE</td>
<td>M.M. Ahmed, J. Petersen, A. Szady, J.M. Aranda Jr., R. Schofield UF College of Medicine, University of Florida, Gainesville, FL, USA</td>
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<td>COMPARISON OF CARDIAC OUTPUT DETERMINED BY THERMODILUTION, THE FICK METHOD, AND TRANSTHORACIC ECHOCARDIOGRAPHY</td>
<td>A.A. Khantaf, W.I. Khalife, M. Morsy, P. Nalabothu, R. Merla, H.K. Kuo, M. Aldeiri, University of Texas Medical Branch, Galveston, TX, USA</td>
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<td>19</td>
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<td>ASSESSMENT OF RIGHT ATRIAL FUNCTION COMPARED TO INTERATRIAL SEPTUM AND LEFT ATRIUM: A DOPPLER MYOCARDIAL IMAGING STUDY IN HEALTHY SUBJECTS</td>
<td>Z. Ojaghi-Haghighi, A. Alizadehhasl, M. Maleki, N. Naderi, M. Esmaeilzadeh, F. Noohi, H. Moladoust, H. Bakhshandeh, P. Nakhostin Davari, R. Azfararin Tehran University of Medical Sciences, Tehran, Iran</td>
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<td>20</td>
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<td>ECHOCARDIOGRAPHIC EVALUATION OF PATIENTS WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION BEFORE AND AFTER PULMONARY ARTERY ENDARTERECTOMY</td>
<td>M. Shojaei-Fard, G.H. Omrani, M. Esmaeilzadeh, H. Bakhshandeh Abkenar Tehran University of Medical Sciences, Tehran, Iran</td>
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<td>EFFECT OF ECHO CONTRAST ON WALL THICKNESS MEASUREMENTS: COMPARISON WITH MRI</td>
<td>R. Bhardwaj, P. Sharma, T. Kazmi, J. Roy, A.P. Morise, G. Hobbs, A.C. Jain, C.F. Faiinger, West Virginia University, Morgantown, WV, USA</td>
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<td>063</td>
<td>ECHOCARDIOGRAPHIC FINDINGS IN PULMONARY EMBOLISM</td>
<td>R. Cohen, P. Loarte, V. Navarro, B. Mirrer Woodhull Medical Center, NYU School of Medicine, Brooklyn, NY, USA</td>
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**P105 Poster Session**  
**CAD: PROGNOSIS, RISK STRATIFICATION**

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<td>CARDIOMETABOLIC RISK FACTORS, REVEALED IN HEALTH CENTERS, AND PROLONGATION OF QT-INTERVAL</td>
<td>M.V. Avdeeva, A.B. Shapovalova, L.V. Shcheglova</td>
<td>St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia</td>
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<td>THE RELATIONSHIPS BETWEEN SELF-RATED HEALTH AND SERUM LIPIDS ACROSS TIME</td>
<td>A. Shiro, S. Toker, S. Melamed, I. Shapira</td>
<td>Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel</td>
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<tr>
<td>28</td>
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<td>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</td>
<td>M. Sadeghi, B. Elahi</td>
<td>Rajayi Heart Center, Tehran, Iran</td>
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<td>Authors</td>
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<td>29</td>
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<td>PRE-DIABETES IN HYPERTENSIVE PATIENTS WITH VITAMIN D DEFICIENCY</td>
<td>N.K. Agarwal, S.K. Agarwal</td>
<td>St. George's University, St. George's, Grenada, West Indies, Agarwal Health Center, East Orange, NJ, USA</td>
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<td>ANTHROPOMETRIC MEASURES AS PREDICTORS OF PREHYPERTENSION IN ADOLESCENTS</td>
<td>M. Bracho, C. Esis, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez, G. Calmon</td>
<td>Instituto de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Venezuela</td>
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<td>31</td>
<td>072</td>
<td>12-WEEK TREATMENT WITH VALSARTAN ON CENTRAL AORTIC SYSTOLIC PRESSURE MEASURED BY BP PRO DEVICE IN HYPERTENSIVE ASIANS</td>
<td>H.H. Teong, A. Chin, A.A. Sule, V. Chadachan, P. Handa, J.C. Tay</td>
<td>Tan Tock Seng Hospital, Singapore</td>
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<td>EFFECT OF PRIOR ANTI-HYPERTENSIVE USE ON MORTALITY IN PATIENTS WITH CARDIOTGENIC SHOCK REQUIRING INTRAORTIC BALLOON PUMP USAGE</td>
<td>J.H.J. See, J. Chow, Changi General Hospital, Singapore</td>
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<td>33</td>
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<td>SUBCLINICAL DEPRESSION IN A HYPERTENSIVE POPULATION</td>
<td>S.K. Agarwal, Agarwal Health Center, East Orange, NJ, USA</td>
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<td>THE ASSOCIATION BETWEEN PHYSICAL ACTIVITY LEVELS AND BLOOD PRESSURE</td>
<td>D. Wijesena, J. Liu, Brock University, ON, Canada</td>
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<td>076</td>
<td>RENAL SYMPATHETIC DENERVATION: A SYSTEMATIC ANALYSIS</td>
<td>S. Sontineni, O. Bansal, Creighton University, Omaha, NE, USA</td>
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<td>36</td>
<td>077</td>
<td>PREVALENCE OF HYPERTENSION AND FACTORS ASSOCIATED AMONG HIGH SCHOOL STUDENTS IN ZAHEDAN, IRAN</td>
<td>E. Khoshkhou, A. Arbabisarjou</td>
<td>Islamic Azad University of Zahedan Branch, Zahedan, Iran</td>
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<td>37</td>
<td>078</td>
<td>INVESTIGATIONS OF PLANTS USED FOR THE HYPERTENSION IN THE DAGONBHUIYAN UPAZILA WITHIN FENI DISTRICT OF BANGLADESH</td>
<td>M.A.H. Mollik</td>
<td>Peoples Integrated Alliance, Mirpur, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, PA, USA</td>
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SATURDAY, JULY 28, 2012

14:00 – 16:15

Hall A

PL03 Plenary Session
NEW INSIGHTS INTO THE PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES

Chairs: K. Chatterjee, San Francisco, CA, USA
N.S. Dhalla, Winnipeg, MB, Canada

14:00 MECHANISMS OF CARDIAC DYSFUNCTION IN DIABETIC CARDIOMYOPATHY (Invited Lecture)
N.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)
K. Chatterjee, Medicine University of Iowa, Medicine University of California San Francisco, CA, USA

14:30 PERIPARTUM CARDIOMYOPATHY: AN UPDATE ON CLINICAL PROFILE IN THE UNITES STATES
U. 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)
I. Schimke, Pathobiochemie and Medizinische Chemie Charite - Universitatsmedizin Berlin, Germany

15:00 CARDIOTOXICITY IN CANCER THERAPY (Invited Lecture)
J. Liu, Memorial Sloan Kettering Cancer Center, New York, NY, USA

15:15 IRON-OVERLOAD CARDIOMYOPATHY: PATHOPHYSIOLOGY, DIAGNOSIS, AND TREATMENT (Invited Lecture)
G.Y. Oudit, Mackenzie Health Sciences Centre Edmonton, Alberta, Canada

15:30 THE DEGRADATION SYSTEM IN CARDIOMYOCYTES (Invited Lecture)
O. Yamaguchi, Osaka University Graduate School of Medicine, Japan

15:45 ALCOHOL SEPTAL ABLATION VS. SEPTAL MYECTOMY FOR HOCM: WHEN TO DO WHICH (Invited Lecture)
M.A. Fifer, Massachusetts General Hospital, Boston, MA, USA

16:00 A SYSTEMATIC REVIEW FOR SUDDEN CARDiac DEATH IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS WITH MYOCARDIAL FIBROSIS: A CMR LGE STUDY
Gerald McGinnis Cardiovascular Institute, Allegheny General Hospital, Pittsburgh, PA, USA

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 28, 2012

14:00 – 16:30 Hall B

PL 04  Plenary Session
S UDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT

Chairs:  M.E. Cain, Buffalo, NY, USA
A.B. Curtis, Buffalo, NY, USA

14:00 CARDIAC ARRHYTHMIAS IN THE ELDERLY: MANAGEMENT ISSUES
(Invited Lecture)
K.A. Adarsh, 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)
M.E. Cain, University at Buffalo, Buffalo, NY, USA

14:30 IS CARDIAC RESYNCHRONIZATION THERAPY PROARRHYTHMIC?
(Invited Lecture)
A. Curtis, University of Buffalo, Buffalo, NY, USA

14:45 THE PREVALENCE AND PROGNOSTIC SIGNIFICANCE OF EARLY
REPOLARIZATION (J WAVE) IN BRUGADA SYNDROME
(Invited Lecture)
M. 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)
F. Duru, University Hospital of Zurich, Switzerland

15:15 HEART FAILURE AND AICD’S: TIME TO GO BEYOND THE INITIAL SHOCK
(Invited Lecture)
J.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
SARC OID CARDIOMYOPATHY AND SUDDEN CARDIAC DEATH RISK PREVENTION IN 178 SYSTEMIC SARC OIDOSIS PATIENTS STUDIED
(Invited Lecture)
N.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
D. Auger, U. Hoke, J.J. Bax, E. Boersma, V. Delgado
Centre Hospitalier de l’Université 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
S.U. Nair, T. Macatangay, J.B. Lundbye
Hartford Hospital, Hartford, CT, USA

Abstract No.
SATURDAY, JULY 28, 2012

PI04  Plenary Session
SUDDEN DEATH AND NOVEL APPROACHES TO ARRHYTHMIA MANAGEMENT (cont.)

16:15  CLINICAL VARIABLES ASSOCIATED WITH THE DEVELOPMENT OF ELECTRICAL STORM IN PATIENTS WITH CHAGAS’ DISEASE AND AN ICD
W.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

14:00 – 16:15  Hall C

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

Chairs:  Y. Charuzi, Los Angeles, CA, USA
C. Rosendorff, New York, NY, USA

14:00  INDEPENDENT PREDICTORS OF MORTALITY, REHOSPITALIZATION, AND CARDIAC SYNCOPÉ IN THE ELDERLY: A RETROSPECTIVE STUDY
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
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
S.K. Chew, A. Hutchinson, D. Calville, J. Savidge
The Northern Hospital, Melbourne, VIC, Royal Melbourne Hospital, Melbourne, VIC, Australia

14:45  LIPID PROFILE IN 3 DIFFERENT ETHNIC GROUPS IN THE VERY ONSET OF ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION (STEMI)
F. Ancona, M. Sartera, N. Cristell, A. Durante, A. Laricchia, G. Peretto, D. Hu, Uren Ng, A. Maseri, D. Cianflone
Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy

15:00  ASSOCIATION BETWEEN PNEUMOCOCCAL VACCINATION AND MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION
R. Kaseer, J. Chahin, R. Weyandt, M. Zahid. ExcelaHealth Cardiology, Greensburg, PA, USA, University of Pittsburgh, Pittsburgh, PA, USA
SATURDAY, JULY 28, 2012

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

15:15 APPLYING THE CADILLAC RISK SCORE IN ASIAN PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION WHO UNDERWENT PRIMARY PERCUTANEOUS CORONARY INTERVENTION
Changi General Hospital, Singapore

15:30 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, D.M. Capuzzi
Thomas Jefferson University, Philadelphia, PA, Lankenau Institute for Medical Research, Wynnewood, PA, USA

15:45 CIGARETTE SMOKING INCREASES ASPIRIN RESISTANCE IN STABLE ANGINA
S. Khosropanah, A. Azad
Shiraz University of Medical Sciences, Shiraz, Iran

16:00 BLOOD GLUCOSE LEVEL ON ADMISSION AS A SIMPLE PREDICTOR OF CORONARY OCCLUSION DEGREE IN ACUTE CORONARY SYNDROME
Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 28, 2012

14:00 – 16:00

**S24 Session**

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

*Chairs: M.E. Bowdish, Los Angeles, CA, USA
W. Mohl, Vienna, Austria*

14:00 **CASE SERIES USING THE ROTAFLOW SYSTEM FOR TEMPORARY RIGHT VENTRICULAR ASSIST DEVICE FOLLOWING HEARTMATE II IMPLANTATION**

A. Khani-Hanjani, G. Loo, M. Mounts, T. Chamegoeorgakis, A. Shafii, M. Hanna, E. Soltesz, G.V. Gonzalez-Stawinski
Cleveland Clinic, Cleveland, OH, USA

107

14:15 **COMBINED HEART AND LIVER TRANSPLANTATION – THE CLEVELAND CLINIC EXPERIENCE**

A. Dave Nagpal, T. Chamogeorgakis, A.E. Shafii, M. Hanna, C.M. Miller, J. Fung, G.V. Gonzalez-Stawinski, Cleveland Clinic, Cleveland, OH, USA

108

14:30 **DEVELOPMENT OF SEVERE CHRONIC KIDNEY DISEASE AFTER ORTHOTOPIC HEART TRANSPLANTATION**

University of Connecticut Health Center, Farmington, CT, USA

109

14:45 **SURGICAL TREATMENT OF MYOCARDIAL BRIDGING IN 46 PATIENTS**

Q. Y. Wu, Z.H. Xu, H.Y. Li, B. Yuan, L. Wang
Heart Center, First Hospital of Tsinghua University, Beijing, China

110

15:00 **SAFETY AND PREDISPOSITION FOR INFECTIONS AFTER DENTAL PROCEDURES IN MECHANICAL ASSIST DEVICES (LVADS) RECIPIENTS**

K.C. McCants, J.B. McCants, P.S. Combs, P. Raheja, E. Birks, M.S. Slaughter
University of Louisville & Jewish Hospital, Louisville, KY, USA

111

15:15 **INTRA-AORTIC BALLOON PUMP COUNTERPULSATION HAS NO EFFECT ON IN-HOSPITAL MORTALITY IN ACUTE CORONARY SYNDROMES COMPLICATED BY CARDIOGENIC SHOCK**

C.N. Ionescu, P. Elazouzy, T.J. Donohue, A. Ghanous
Hospital of Saint Raphael, New Haven, CT, USA

112

15:30 **CORRELATION BETWEEN HYPMAGNESEMIA AND CORONARY VASCLUOPATHY POST HEART TRANSPLANT**

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

113

15:45 **EXERCISE RESPONSE AFTER CARDIAC TRANSPLANTATION**

E. Abiodun Oluwatosin
Renaissance Consultant, Lagos, Nigeria

114

16:00 **COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
SATURDAY, JULY 28, 2012

16:45 – 19:15

**PL05 Plenary Session**

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

*Joint Session with the American College of Cardiology / California Chapter*

Chairs:  
K.N. Pandey, New Orleans, LA, USA  
R. Roberts, Ottawa, ON, Canada

---

16:45  
**GENE DELIVERY TO REGULATE VASCULAR SMOOTH MUSCLE FUNCTION**  
(Invited Lecture)  
J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA  

Abstract No. 115

17:00  
**GENETICS OF CORONARY ARTERY DISEASE**  
(Invited Lecture)  
R. Roberts, University of Ottawa Heart Institute, ON, Canada  

Abstract No. 116

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

Abstract No. 117

17:30  
**MULTIDISCIPLINARY APPROACH TO GWAS FOR HEART FAILURE BASED ON THE VARIOUS ETIOLOGY AND ETHNICITY**  
(Invited Lecture)  
T. Toyo-Oka, University of Tokyo, Japan

Abstract No. 118

17:45  
**GENETIC-DISRUPTION OF NPPJ LEADS TO CARDIAC HYPERTROPHY AND REMODELING: ROLE OF PRO-INFLAMMATORY CYTOKINES**  
(Invited Lecture)  
K.N. Pandey, Tulane University Health Sciences Center, School of Medicine,  
New Orleans, LA, USA

Abstract No. 119

18:00  
**CARDIOVASCULAR CONTRIBUTIONS TO NEUROLOGICAL DISEASE**  
(Invited Lecture)  
Y. Li, College of Medicine University of Florida, Gainesville, FL, USA

Abstract No. 120

18:15  
**GENETIC FACTORS INFLUENCING LEFT VENTRICULAR HYPERTROPHY**  
(Invited Lecture)  
J.N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

Abstract No. 121

18:30  
**IMPACT OF BETA-ADRENERGIC RECEPTOR POLYMORPHISM ON NON-INVASIVE CAD TESTING**  
(Invited Lecture)  
J. Shirani, St. Luke’s Hospital and Health Network, Philadelphia, PA, USA

Abstract No. 122

18:45  
**CRITICAL REGULATORY ROLES OF TGFß/BMP SIGNALING PATHWAYS DURING MYOCARDIAL WALL DEVELOPMENT**  
(Invited Lecture)  
K. Jiao, C. Harmelink, The University of Alabama at Birmingham, AL, USA

Abstract No. 123

19:00  
**IMPAIRED SIRT1 NUCLEOCYTOPLASMIC SHUTTLING IN THE SENESECT HEART IN RESPONSE TO ISCHEMIC STRESS**  
C. Tong, A. Morrison, S. Mattison, S. Qian, M. Brynianski, B. Rankin, J. Wang,  
D. Thomas, J. Li  
SUNY at Buffalo, Buffalo, NY, USA

Abstract No. 124

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SATURDAY, JULY 28, 2012

16:45 – 19:00

Hall B

P106  Plenary Session

ADVANCES IN CARDIOVASCULAR SURGERY, CORONARY REVASCULARIZATION AND HEART TRANSPLANTATION

Chairs: M.R. Johnson, Madison, WI, USA
        L.P. Perrault, Montreal, QC, Canada

16:45  ANTIBODY MEDIATED REJECTION IN HEART TRANSPLANTATION – A CLINICIAN’S PERSPECTIVE  (Invited Lecture)
        M.R. Johnson, University of Wisconsin, Madison, WI, USA  125

17:00  ROLE OF CMV IN CARDIAC ALLOGRAFT VASCULOPATHY  (Invited Lecture)
        N. Nair, Texas A&M HSC College of Medicine, Temple, TX, USA  126

17:15  MANAGEMENT OF EARLY POSTOPERATIVE CORONARY BYPASS GRAFT FAILURE  (Invited Lecture)
        L.P. Perrault, Montreal Heart Institute, Montreal, QC, Canada  127

17:30  DESIGN OF FUTURE REVASCULARIZATION EVALUATION IN PATIENTS WITH DIABETES MELLITUS: OPTIMAL MANAGEMENT OF MULTIVESSEL DISEASE (FREEDOM TRIAL)  (Invited Lecture)
        M. Farkouh, University of Toronto, ON, Canada  128

17:45  OFF-PUMP CORONARY ARTERY BYPASS GRAFTING: THE MYTH, THE REALITY  (Invited Lecture)
        S.G. Raja, Harefield Hospital, London, UK  129

18:00  DESTINATION THERAPY: BARRIERS TO IMPLEMENTATION AND ACCEPTANCE  (Invited Lecture)
        M.E. Bowdish, Keck School of Medicine of USC, University of Southern California, Los Angeles, CA, USA  130

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  131

18:30  OUTCOMES FOLLOWING PCI IN PATIENTS WITH PREVIOUS CABG: A MULTI CENTRE EXPERIENCE

18:45  4-YEAR OUTCOME ANALYSIS OF ENDOSCOPIC VEIN HARVESTING FOR CORONARY ARTERY BYPASS GRAFTING
        S.G. Raja, M. Navaratnarajah, M. Rochon, C.D. Ilsley, J.A. Gaer, M. Amrani, T.T. Bahrami
        Harefield Hospital, London, UK  133
16:45  HOW DO ANTHROPOMETRIC MEASUREMENTS AND GENDER RELATE TO RACIAL DIFFERENCES IN EPICARDIAL FAT THICKNESS?  
St. John Hospital and Medical Center, Detroit, MI, USA  
Abstract No. 134

17:00  DEVELOPMENTAL COORDINATION DISORDER, LEG LENGTH TO HEIGHT RATIO, AND CHILDHOOD OBESITY  
K.A. Quattrini, J. Liu, B. Faught, J. Hay, J. Cairney  
University of Saskatchewan College of Dentistry, Saskatoon, Saskatchewan, Canada  
Abstract No. 135

17:15  LIPID PROFILE IN A STUDENT POPULATION OF THE CITY OF CAMPINAS, BRAZIL  
A. Avezum, A. Timerman, J.F.K. Saraiva, D.J.B. Saraiva, J.R.Z. Mendes  
Sao Paulo State Cardiology Society, Brazil  
Abstract No. 136

17:30  PREVALENCE AND PREDICTORS OF CONCOMITANT CAROTID AND CORONARY ARTERY ATHEROSCLEROTIC DISEASE  
A. Steinvil, B. Sadeh, A. Arbel, D. Justo, A. Belel, N. Borenstein, S. Bana,  
A. Halkin, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel  
Abstract No. 137

17:45  HIGHLY SENSITIVE C-REACTIVE PROTEIN AND VITAMIN D3 AS CARDIOVASCULAR RISK FACTORS IN CHILDREN  
S.R. Bovet, P.M. Bovet, S.J. Hetzel, K. Olson, K.J. O’Connell, D.K. Murdock  
Aspirus Wausau Hospital, Wausau, WI, USA  
Abstract No. 138

18:00  CORRELATION BETWEEN HDL CHOLESTEROL LEVEL AND SEVERITY OF CORONARY ARTERY DISEASE IN ASIAN PEOPLE  
Boramae Medical Center, Seoul National University College of Medicine, Korea  
Abstract No. 139

18:15  IMPACT OF HS-CRP & DYSLIPIDEMIA IN CHRONIC PERIODONTITIS AMONG CAD PATIENTS IN SOUTH INDIA  
V. Kumar, S. Banu, C.N. Manjunath, V. Ranganath, R. Naik  
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore, India  
Abstract No. 140

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, Brazil  
Abstract No. 141

18:45  HYPERLIPIDEMIA DOUBLES THE RISK OF MULTIVESSEL INVOLVEMENT IN PERIPHERAL ARTERIAL DISEASE DESPITE BEING ON STATINS  
A. Alani, M. Hettiarachch, T. Mohamed, S.K. Zalawadiya, M. Shamiya,  
M.F. Alnahhas, E. Salem, M. Elder  
Wayne State University, Detroit, MI, USA  
Abstract No. 142
SATURDAY, JULY 28, 2012

S25 Atherosclerosis: Primary Prevention, Risk Assessment (cont)

19:00 PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN 1000 URBAN EGYPTIANS
B.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
R. Nadeem, R. Loomba, E.M. Madbouly, S. Aggarwal, M. Nida, M. Kumar, A. Fatima
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
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<td>1</td>
<td>145</td>
<td>COMPARISON OF ANGIOGRAPHIC FEATURES OF SUPERFICIAL FEMORAL ARTERY DISEASE IN DIABETICS AND NON-DIABETICS PRESENTING WITH LIFE-STYLE LIMITING CLAUDICATION. A. Mohammad, G. Peshwitz, D. Tran, W. Warshawer, E. Brilakis, S. Banerjee. Veterans Affairs North Texas Medical Center, Dallas, TX, USA.</td>
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<td>2</td>
<td>146</td>
<td>PREVALENCE OF CORONARY ARTERY DISEASE WITH BOTH CEREBRAL VASCULAR ACCIDENT &amp; PERIPHERAL ARTERIAL DISEASE. R. Alvi, N.C. Bhalodkar, J.N. Bella, C. McCaleb, M. Alishar. Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA.</td>
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<td>3</td>
<td>147</td>
<td>THE OUTCOME OF DIFFERENT ENDOVASCULAR REVASCULARIZATION METHODS USED TO TREAT CRITICAL PERIPHERAL ARTERIAL DISEASE. M.S. Hettiarachchi, A. Alani, T. Mohamad, C. Arsene, D.H. Rustom, H. Aurakzai, A. Kassier, M. Elder. Wayne State University, Detroit, MI, USA.</td>
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<td>4</td>
<td>148</td>
<td>ANATOMIC ORIENTATION OF THE BRACHIOCEPHALIC VESSELS: ARCH. R. Tayal, B. LeSar, V. Spektor, A. Garg, M. Cohen, N. Wasty. Newark Beth Israel Medical Center, Newark, NJ, USA.</td>
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### P202 Poster Session

**MEDICAL AND INTERVENTIONAL THERAPY FOR ATRIAL FIBRILLATION**

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<td><strong>CIRCULATING HEAT SHOCK PROTEIN 70 AND ANTI-HEAT SHOCK PROTEIN 70 ANTIBODIES IN ATRIAL FIBRILLATION</strong></td>
<td><strong>J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, H. Hindricks, V. Adams, D. Husser, A. Bollmann</strong>&lt;br&gt;Heart Center Leipzig, Germany</td>
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<td><strong>OUTCOMES OF DIRECT CURRENT CARDIOVERSION OF ATRIAL FIBRILLATION IN A MULTI-ETHNIC ASIAN POPULATION</strong></td>
<td><strong>J.B. Ng, V.H. Tan</strong>&lt;br&gt;Changi General Hospital, Singapore</td>
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<td><strong>RESPONSE OF HIGH-SENSITIVE C-REACTIVE PROTEIN TO CATHETER ABLATION OF ATRIAL FIBRILLATION AND ITS RELATION WITH RHYTHM OUTCOME</strong></td>
<td><strong>J. Kornej, J. Kosiuk, C. Reinhardt, A. Arya, G. Hindricks, V. Adams, D. Husser, A. Bollmann</strong>&lt;br&gt;Heart Center Leipzig, Germany</td>
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<td><strong>LEFT ATRIAL MIXOMA FOLLOWING TRANSCATHETER RADIOFREQUENCY ABLATION</strong></td>
<td><strong>J. Rubio-Alvarez, B. Adrio, J. Sierra, L. Rejia, J. Garcia-Carro</strong>&lt;br&gt;University Hospital, Santiago de Compostela, Spain</td>
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<td><strong>IS QRS DURATION ASSOCIATED WITH ATRIAL FIBRILLATION IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION?</strong></td>
<td><strong>M.S. Sidhu, A. M. Robert, J. Zipursky, J. Gigliotti, J.R. Brown, D.J. Malenka, M.L. Greenberg, A.T. Kono</strong>&lt;br&gt;Dartmouth Hitchcock Medical Center, Lebanon, NH, USA</td>
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<td><strong>DIGOXIN IN A-FIB RVR: SLOW AND STEADY MAY WIN THE RACE IN SOME</strong></td>
<td><strong>T. Mirza, D.S. Dabiesingh, E.F. Aziz</strong>&lt;br&gt;St. Luke’s-Roosevelt Hospital Center and Columbia University College of Physicians and Surgeons, New York, NY, USA</td>
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<td><strong>ATRIAL FIBRILLATION IS A CHRONIC INFLAMMATORY STATE: A SUPPORT TO THE THEORY</strong></td>
<td><strong>U.N. Srivatsa, J. Rogers, UC Davis Medical Center, Sacramento, CA, USA</strong></td>
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<td><strong>STROKE PREVENTION IN ATRIAL FIBRILLATION IN SAUDI (SPAF-SAUDI): A PHASE IV TRIAL</strong></td>
<td><strong>N.A Alanazi, A.S. Hersi, KKHUH, Riyadh, KSA</strong></td>
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<td><strong>INCIDENCE AND PREDICTIVE FACTORS OF POSTOPERATIVE ATRIAL FIBRILLATION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING</strong></td>
<td><strong>A. Gonzalez, J. Castellano, C. Esis, E. Silva, M. Bracho, J.J. Villasmil, G. Cafton, S. Briceno</strong>&lt;br&gt;Instituto de Investigaciones en Enfermedades Cardiovasculares de La Universidad del Zulia, Maracaibo, Venezuela</td>
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**SATURDAY, JULY 28, 2012**

**P204**  
**Poster Session**  
**ACUTE MYOCARDIAL INFARCTION: MEDICAL AND INTERVENTIONAL THERAPY**

### Board No 24
**RADIAL VERSUS FEMORAL ARTERY ACCESS FOR PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS WITH ST SEGMENT ELEVATION MYOCARDIAL INFARCTION – A SINGLE CENTER EXPERIENCE**  
The Cardiac Center of Creighton University, Omaha, NE, USA

### Board No 25
**CORONARY STENT DIAMETER VARIABILITY AMONG ETHNIC GROUPS UNDERGOING REVASCULARIZATION FOR STEMI**  
H. Herets, E. Shlofmitz, M. Balek, C. Park, A.J. Buda  
New York Hospital of Queens, Weill-Cornell Medical College, New York, NY, USA

### Board No 26
**ELEVATED LEFT VENTRICULAR END-DIASTOLIC PRESSURE DOES NOT PREDICT MORTALITY IN ACUTE MYOCARDIAL INFARCTION TREATED WITH PRIMARY ANGIOPLASTY AND OPTIMAL MEDICAL THERAPY**  
J.D. Ascenzo, M. El-Hajjar, M. Torosoff  
Albany Medical College, Albany, NY, USA

### Board No 27
**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

### Board No 28
**THE SAFETY AND EFFECTIVENESS OF DOUBLE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM BLOCKADE IN ACUTE MYOCARDIAL INFARCTION**  
H.G. Hayrapetyan, F.H. Muradyan, Erebouni MC, Yerevan, Armenia

### Board No 29
**DECLINE IN THE IN-HOSPITAL MORTALITY OF TYPE 2 DIABETES PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION**  
M-R. Movahed, M. Hashemzadeh, M. Hashemzadeh  
The Southern Arizona VA Health Care System, Tucson, AZ, USA

### Board No 30
**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, F.H. Muradyan  
Erebouni MC, Yerevan, Armenia

### Board No 31
**EARLY PRESCRIPTION OF TIROFIBAN AND ANGIOGRAPHIC TIMI 3 FLOW OF PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION**  
Tehran University of Medical sciences, Tehran Heart Center, Tehran, Iran
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<td>STUDY THE EFFECT OF EXERCISE ON SYSTOLIC PULMONARY ARTERY PRESSURE IN HEALTHY SUBJECTS</td>
<td>F. Ahmadi, M. Seiedian, M. Nouri Zadeh, A. Laalvand, <strong>M. Hassan Adel</strong> Imam Hospital, Ahvaz, Iran</td>
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<td>33</td>
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<td>CORRELATION BETWEEN BODY MASS INDEX AND FUNCTIONAL CAPACITY IN PATIENTS WITH IMPAIRED RELAXATION</td>
<td>W. Khalife, M. Morsy, <strong>P. Nalabothu</strong>, A. Khan, H. Van, S. Onguti, S. Hussein University of Texas Medical Branch (UTMB), Galveston, TX, USA</td>
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<td>ASSESSMENT OF ENERGY EXPENDITURE DURING PILATES EXERCISES</td>
<td>L.D.H. Gomes, M.C.C. Tenorio, A.M. Mendonca, <strong>C.K.C. Sa</strong> Active Pilates, EBMSIP, Salvador, Bahia 3UFS, Feira de Santana, Bahia, Brasil</td>
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<td>35</td>
<td>179</td>
<td>THE EFFECT OF SECONDARY PREVENTION IN ACUTE CORONARY SYNDROME: A 3-YEAR FOLLOW-UP RESULT</td>
<td>W.Z. Han, <strong>W. Fang</strong>, H. Chen, X.B. Qiu, X.M. Hou, S.F. Guan Shanghai Chest Hospital affiliated to Shanghai Jiaotong University, Shanghai, China</td>
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<td>36</td>
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<td>EFFECTS OF CARDIAC REHABILITATION AND EXERCISE TRAINING PROGRAMS ON BODY COMPOSITION IN CORONARY PATIENTS</td>
<td>B. Moradi, <strong>M. Esmaeilzadeh</strong>, M. Maleki, M. Nalini, S.H. Jafari Tehran University of Medical Sciences, Tehran, Iran</td>
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SUNDAY, JULY 29, 2012

08:30 – 10:45 Hall A

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

Chairs: J.H. Chesebro, Worcester, MA, USA
           U. Thadani, Oklahoma City, OK, USA

08:30 CAN VULNERABLE PLAQUE BE IDENTIFIED AND TREATED TO PREVENT FUTURE ADVERSE CV EVENTS?  (Invited Lecture)
           J. Ambrose, UCSF, Fresno, CA, USA

08:45 WHAT IS CONSIDERED TO BE THE OPTIMAL TREATMENT FOR STABLE ANGINA IN THE YEAR 2012?  (Invited Lecture)
           U. 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)
           J.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)
           G.W. Vetrovec, VCU Pauley Heart Center, Richmond, VA, USA

09:30 FILLING IN THE GAPS IN THE TREATMENT OF LEFT MAIN DISEASE  (Invited Lecture)
           B. Uretsky, University of Arkansas, Little Rock, AR, USA

09:45 ANTHROPOSCOSIS AS A CAUSE OF VERY LATE STENT THROMBOSIS  (Invited Lecture)
           Y. Ueda, Osaka Police Hospital, Tennoj-ku, Osaka, Japan

10:00 EMBOLIC PROTECTION IN STEMI: WHEN AND HOW?  (Invited Lecture)
           E. Kaluski, NJ Medical School & University Hospital, Newark, NJ, USA

10:15 A NOVEL APPLICATION OF EXERCISE TREADMILL TESTING IN A CARDIOLOGY PRACTICE  (Invited Lecture)
           Y. Charuvi, UCLA School of Medicine, Los Angeles, CA, USA

10:30 OUTCOMES OF ANTI-PLATELET THERAPY DIRECTED BY POST PCI PLATELET FUNCTION TESTING IN A REAL WORLD SETTING
           E. Asher, M. Mayuga, M. Bradley, P. Anarado, G. Stefano, D.J. Simon, T. Lasser Harrington Heart & Vascular Institute, Case Medical Center, University Hospitals, Cleveland, OH, USA

10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 29, 2012

08:30 – 11:00  Hall B

PL08  Plenary Session

PLATELETS AND INFLAMMATION IN ISCHEMIC HEART DISEASE

Chairs:  L.C. Becker, Baltimore, MD, USA
         J.G. Filep, Montreal, QC, Canada

Abstract No.

08:30  C-REACTIVE PROTEIN AND CORONARY VASOMOTOR REGULATION
       (Invited Lecture)
       L. 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)
       M.J. Sanz, Universidad de Valencia, Spain

09:00  PLATELET FUNCTION AND CLINICAL ISCHEMIC OUTCOMES
       (Invited Lecture)
       L.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)
       J.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)
       T. Sawamura, National Cerebral and Cardiovascular Center, Osaka, Japan

09:45  CARBAMYLATION VERSUS OXIDATION OF LDL: COMPETITION,
       MECHANISMS AND ROLE IN CARDIOVASCULAR DISEASE  (Invited Lecture)
       A.G. Basnakian, 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)
       M. 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)
       M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA

10:30  CORONARY PLAQUE EROSION AND MYELOPEROXIDASE: INSIGHT
       FROM A CLINICOPATHOLOGICAL STUDY  (Invited Lecture)
       G. 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
       University of Florida, Gainesville, FL, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 29, 2012

08:30 – 10:45 Hall C

S26 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY

Chairs: T. Akasaka, Wakayama, Japan
N.J. Angomachalelis, Thessaloniki, Greece

08:30 ACCURATE, NONINVASIVE DIAGNOSIS OF CARDIOGENIC SHOCK BASED ON ECHOCARDIOGRAPHY RATHER THAN INVASIVE HEMODYNAMIC ASSESSMENT
Washington Hospital Center, Washington, DC, USA

08:45 PAIRED PACING IDENTIFIES VULNERABLE LEFT VENTRICULAR SEGMENTS WITHOUT CONTRACTILE RESPONSE TO DOBUTAMINE IN PATIENTS WITH ISCHEMIC CARDIOMYOPATHY
M. Chandra, J.A. Strom, J. 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
M. Aldeiri, A. Khanfar, P. Nalabothu, M. Morsy, W.J. Khalife
University of Texas Medical Branch, Galveston, TX, USA

09:15 NOVEL TISSUE DOPPLER PARAMETERS IN STAGING OF DIASTOLIC DYSFUNCTION
N. 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
C.S. Berenszteim, A.K. Saad, O. Grosso, E. Bresan, H. Laborde, M. Vazquez Blanco
Hospital de Clínicas, 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
O.A. Rifai, Z.F. Abdelsalam, M.A. Abdallah, H.A. Ismail
 AinShams University Cairo, Egypt

10:00 LEFT ATRIAL FUNCTION IN IDIOPATHIC PULMONARY HYPERTENSION
M. 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
J. Kahan, P. Bajwa, H. Makani, A. Supariwala, A. Shah, N. Htye, F. Chaudhry
St. Luke's Roosevelt Hospital, Columbia University College of Physicians and Surgeons, New York, NY, USA
SUNDAY, JULY 29, 2012

S26 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES / ECHOCARDIOGRAPHY
(cont.)

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
M.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

08:30 – 10:30 Hall D

S27 Session
HYPERTENSION, BASIC AND CLINICAL

Chairs:  J.N. Bella, Bronx, NY, USA
         C. Desouza, Boulder, CO, USA

08:30 INFLUENCE OF SLEEP-TIME BLOOD PRESSURE IN THE
PROGNOSTIC VALUE OF ISOLATED-OFFICE AND MASKED
HYPERTENSION
R.C. Hermida, D.E. Ayala, A. Mojón, 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
R.C. Hermida, D.E. Ayala, A. Mojón, 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, D.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
L. 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
E. Marquez, A. Mojón, R.C. Hermida
University of Vigo, Vigo, Spain
SUNDAY, JULY 29, 2012

S27  Session
HYPERTENSION, BASIC AND CLINICAL (cont)

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, S.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
V.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

11:15 – 14:00  Hall A

PL09  Plenary Session
VALVULAR AND CONGENITAL HEART DISEASE
Joint Session with the Heart Valve Society of America

Chairs:  W.J. Bommer, California, CA, USA
J.S. Borer, New York, NY, USA

11:15  THE ROLE OF LRPS IN CALCIFIC AORTIC VALVE DISEASE: LDL-DENSITY-PRESSURE THEORY  (Invited Lecture)
N. Rajamannan, Mayo Clinic, Rochester, MN, USA

11:30  THE IMPACT OF HYPERTENSION AND ITS TREATMENT IN HEART VALVE DISEASE  (Invited Lecture)
J.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)
W.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)
M. Sadiq, Punjab Institute of Cardiology, Lahore, Pakistan

12:15  ADVANCES IN MANAGEMENT OF VALVULAR HEART DISEASE IN THE ELDERLY  (Invited Lecture)
I. Mikati, Northwestern Memorial Hospital, Chicago, IL, USA

12:30  PROSTHETIC VALVE THROMBOSIS: UNDERSTANDING THE GUIDELINES  (Invited Lecture)
S. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA
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<tr>
<td>12:45</td>
<td>SPECKLE TRACKING ECHOCARDIOGRAPHY PREDICTS OUTCOMES IN CHRONIC AORTIC</td>
<td>N.T. Olsen, Roskilde Hospital, Denmark</td>
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<td>REGURGITATION (Invited Lecture)</td>
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<td>13:00</td>
<td>ANTICOAGULATION IN PREGNANT WOMEN WITH POSTHETIC VALVES</td>
<td>S. Goland, Kaplan Hospital, Rehovot, Israel</td>
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<td>(Invited Lecture)</td>
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<td>OF DIASTOLIC LEFT VENTRICULAR FILLING</td>
<td>University of Heidelberg, Heidelberg, Germany</td>
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<td>Manchester Health Academic Sciences Centre, University of Manchester, Manchester, UK</td>
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<td>13:45</td>
<td>CLINICAL AND ECHOCARDIOGRAPHIC PROFILE AND PREGNANCY OUTCOMES IN</td>
<td>M.J.T. Reyes, L. Macapugay, K. Tumabiene, M. Alferez, F.R. Punzalan</td>
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<td>PATIENTS WITH RHEUMATIC HEART DISEASE AT THE UNIVERSITY OF THE</td>
<td>UP-Philippine General Hospital, Manila, Philippines</td>
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<td>PHILIPPINES-PHILIPPINE GENERAL HOSPITAL</td>
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<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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SUNDAY, JULY 29, 2012

11:15 – 13:45 Hall B

PL10 Plenary Session
ATRIAL FIBRILLATION – NEW RISK FACTORS AND THERAPIES

Chairs: A. Bollmann, Leipzig, Germany
A. Martinez-Rubio, Barcelona, Spain

11:15 METABOLIC SYNDROME AND DYSLIPEMIA AS RISK FACTORS FOR ATRIAL FIBRILLATION (Invited Lecture)
H. Watanabe, Niigata University Graduate School of Medical & Dental, Japan

11:30 GENOTYPE-BASED ATRIAL FIBRILLATION THERAPIES (Invited Lecture)
D. Husser, Heart Center Leipzig, Germany

11:45 CRYOABLATION OF ATRIAL FIBRILLATION: IS IT READY FOR PRIME TIME? (Invited Lecture)
K. Srivathsan, Mayo Clinic Arizona, Phoenix, AZ, USA

12:00 ANTICOAGULATION AND ATRIAL FIBRILLATION: ANTITHROMBOTICS STATE OF THE ART (Invited Lecture)
K. Seidl, Klinikum Ingolstadt, Ingolstadt, Germany

12:15 NOVEL TECHNOLOGIES FOR ATRIAL FIBRILLATION MONITORING AND CATHETER ABLATION (Invited Lecture)
A. Bollmann, D. Husser
Heart Center, Leipzig, Germany

12:30 NEW ANTICOAGULANTS IN ATRIAL FIBRILLATION: ARE ALL THE SAME? (Invited Lecture)
A. Martinez-Rubio, Hospital de Sabadell, Barcelona, Spain

12:45 ATRIAL FIBRILLATION ABLATION USING ANATOMICALLY DESIGNED CATHETERS AND UNDER DIRECT VISION (Invited Lecture)
T. Denke, A. Schade, Heart Center Bad Neustadt, Bad Neustadt, Germany

13:00 DISMAL RATES OF ANTICOAGULATION IN ELDERLY WOMEN FOR STROKE PREVENTION IN ATRIAL FIBRILLATION
V.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
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
C.T. Tsai, J.L. Lin, J.J. Hwang, L.P. Lai
National Taiwan University Hospital, Taipei, Taiwan

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 29, 2012

11:15 – 13:15 Hall C

S28 Session
RECENT ADVANCES IN CARDIAC IMAGING / RISK PREDICTION

Chairs: M-R. Movahed, Tucson, AZ, USA
T. Tomaru, Chiba, Japan

11:15 ASSESSMENT OF VIABILITY IN PATIENTS WITH CHRONIC TOTAL OCCLUSIONS: A CARDIAC MAGNETIC RESONANCE STUDY
D.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, N. Gupta, S. Jain, A. Hamdan, V. De Bari, F. Shamoong, M. Bikkina
Seton Hall University, Newark, NJ, USA

11:45 ANATOMY OF MAIN CORONARY ARTERY LOCATION: RADIAL POSITION AROUND THE AORTIC ROOT CIRCUMFERENCE
Z. 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
S-M. 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
S. 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, Y.F. Nosir, M. Alasnig, M.A. Llemit, 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
M. 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, S. 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**

Chairs: **N.G. Frangogiannis**, Bronx, NY, USA  
**S-J. Lin**, Taipei, Taiwan

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**11:15**

**CHRONIC STRESS CONVERTS ATHEROSCLEROTIC LESIONS FROM A STABLE TO A MORE VULNERABLE PHENOTYPE**

**A.H. Naji**


Cardiovascular Research Institute, Washington, DC, USA

**11:30**

**CYSTATHIONINE-GAMMA-LYASE: A NOVEL THERAPEUTIC TARGET IN TREATING SEPTIC SHOCK**


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. Korschalla, A. Kroh, B. Butzbach, A. Schober, **E. Liehn**

RWTH Aachen University, Aachen, Germany

**12:00**

**INFLUENCE OF CONTRAST MEDIUM ON THE ENDOTHELIAL CELL LINE HCMEC**

**A. 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 HYPER trophy**

C. Ghantous, L. Dib, M. Al-Hariri, A. Jaffa, **A. 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. Zghelii, M. Alhosin, C. Auger, **V.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 CHEMOTACTANT PROTEIN-1 (MCP-1)**


Kansas City VA Medical Center, Kansas City, MO, USA

**13:00**

**ORAL ANTI INFLAMMATORY PEPTIDE F REDUCES SYSTEMIC INFLAMMATION AND IMPROVES HDL FUNCTION**

**A. Capele**, O. Elbdouwarej, 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**

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1. **LONG TERM SURVIVAL ANALYSIS OF CARDIAC PARAGANGLIOMAS**  
   M. Khan, **M-R. Movahed**  
   University of Arizona Sarver Heart Center, Tucson, AZ, USA

2. **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**

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3. **BETA BLOCKER USAGE AND OUTCOMES ACCORDING TO PATIENT RISK IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION**  
   University of Calgary, Calgary, AB, Canada

4. **ACUTE AND CHRONIC IMPACTS OF ASV THERAPY ON LEFT CHAMBER GEOMETRY AND FUNCTION IN PATIENTS WITH HEART FAILURE**  
   **N. Haruki, S. Ando, M. Takeuchi, Y. Otsuji**  
   University of Occupational and Environmental Health, School of Medicine, Kitakyushu, Japan

5. **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, **R. Alvi**, N.C. Balodkar  
   Bronx-Lebanon Hospital Center, Affiliated with Albert Einstein College of Medicine Bronx, NY, USA

6. **STUDY THE EFFECT OF SPIRONOLACTON IN AIRWAY RESISTANCE WITH IMPULSE OSCILLOMERTY IN PATIENTS WITH CONGESTIVE HEART FAILURE (CHF)**  
   **M. Hassan Adel, M. Nourizadeh, M. Adel, Y. Gholampour, S. Majidi, S. Asadmoghdam, N. Asadinia**  
   Imam Hospital, Ahvaz, Iran

7. **TREATMENT WITH CAPTOPRIL DECREASED SERUM C. REACTIVE PROTEIN LEVELS IN PATIENTS WITH MILD CHAGASIC CARDIOMYOPATHY**  
   Universidad Centroccidental Lisandro Alvarado, Barquisimeto, Lara, Venezuela
### P304 MISCELLANEOUS

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<td>PREVALENCE AND ASSOCIATED HEALTH STATUS AMONG OLDER ADULTS IN LONG-TERM CARE FACILITIES</td>
<td>A. Kanwar, R.J. Lennon, M. Singh, V.L. Roger</td>
<td>University of Madison, Wisconsin, WI, USA</td>
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<td>EFFECT OF SEXUAL ACTIVITY ON CARDIAC AUTONOMIC FUNCTION IN HIGH-LEVEL MALE ATHLETES</td>
<td>J.M. Sztajzel, K. Sievert, A. Bayes de Luna</td>
<td>Cardiology Service, University Hospital, Geneva, Switzerland</td>
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<td>PHYSIOLOGY OF THE SECOND HEART SOUND: INSIGHTS FROM DIGITAL PHONOCARDIOGRAPHY</td>
<td>S.R. Thadani, B. Doyle, R.E. Shaw, R.R. Yee, N.B. Schiller</td>
<td>California Pacific Medical Center, San Francisco, CA, USA</td>
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<td>IMPACT OF METHANOL INTOXICATION ON THE HUMAN ELECTROCARDIOGRAM</td>
<td>Z.H. Jaff, W.F. McIntyre, P.Y. Ashoori, A.M. Baranchuk</td>
<td>Queen's University, Kingston, ON, Canada</td>
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<td>EARLY REPOLARIZATION SEEN ON ECG IS INDEPENDENTLY ASSOCIATED WITH AFRICAN AMERICAN RACE, AGE &lt;30, BMI &gt;25 AND HEART RATE &lt; 70 BPM</td>
<td>M-R. Movahed, S. Bates</td>
<td>Caremore and University of Arizona Sarver Heart Center, Tucson, AZ, USA</td>
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<td>CARDIAC INVOLVEMENT IN HUMAN GRANULOCYTIC ANAPLASMOSIS</td>
<td>Y. Temtanakitpaisan, N. Methachittiphan, F.B. Barbosa, T.L. Treadwell, D.G. Love</td>
<td>MetroWest Medical Center, Framingham, MA, USA</td>
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<td>M. Pfeiffer, G.A. Baguero, T. Fugete, M. Kozak</td>
<td>Penn State College of Medicine, Hershey, PA, USA</td>
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### P305 Poster Session

#### QUALITY IMPROVEMENT AND OUTCOMES

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<td>PATIENT CHARACTERISTICS AND HOSPITAL OUTCOMES IN PATIENTS TREATED WITH THERAPEUTIC HYPOThERMIA FOR CARDIOVASCULAR AND NEUROLOGICAL INDICATIONS</td>
<td>Y. Ji, V. Khurana, T. Waters, M. Torosoff</td>
<td>Albany Medical College, Albany, NY, USA</td>
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<td>CHEST PAIN EMERGENCY DEPARTMENT EVALUATION IN WOMEN, LESS THAN AGE 40 YEARS: CAN WE CHANGE PRACTICE HABITS?</td>
<td>A.L.A. Teleron, J.S. Samuel, N. Raja, W.H. Carter</td>
<td>West Virginia University - Charleston Division, Charleston, WV, USA</td>
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<td>A. Rohani, V. Akbari</td>
<td>Mashad University of Medical Sciences, Iran</td>
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P305 Poster Session
QUALITY IMPROVEMENT AND OUTCOMES (cont)

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<td>M. Singh, M.R. Bajwa, V.H. Bolla, P. Mills</td>
<td>UCSF MEP FRESNO, Fresno, CA, USA</td>
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<td>M. Arafahya, S. Silpanshetty, H. Polimera, D. Gajanan, E. Amedeo, P. Sugathan</td>
<td>St Lukes Hospital, Bethlehem, PA, USA</td>
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P306 Poster Session
BIOMARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE

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<td>F. Yazigi, M. Tucciarone, R. Bess, S. Szpunar, G. Cohen</td>
<td>St. John Hospital and Medical Center, Detroit, MI, USA</td>
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P307 Poster Session
MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

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<td>THE CARDIOPROTECTIVE EFFECT OF ISOESTEVIOL ON ENDOThELIN-1-INDUCED HYPERTROPHY OF CULTURED NEONATAL RAT CARDIOMYOCYTES</td>
<td>K.L. Wong, C.C. Chao, C.W. Cheung, P. Chan, T.H. Cheng, Y-M. Leung</td>
<td>China Medical University &amp; Hospital, Taichung, Taiwan</td>
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<td>INDUCTION OF IL-17 SIGNALLING IN THE RAT HEART EXPOSED TO IN VIVO ISCHEMIA/REPERFUSION INJURY PROMOTES NECROTIC AND APOPTOTIC CELL DEATH</td>
<td>L.I.I. Saravolatz, C. Scarabelli, L. Saravolatz, T.M. Scarabelli</td>
<td>St John Hospital/Wayne State University, Detroit, MI, USA</td>
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<td>UROCORtIN CAN MEDIATE CARDIOPROTECTION BY ACTIVATION OF THE SRC TYROSINE KINASE- STAF-3 PATHWAY</td>
<td>C. Scarabelli, L.I.I. Saravolatz, L. Saravolatz, T.M. Scarabelli</td>
<td>St John Hospital/Wayne State University, Detroit, MI, USA</td>
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<td>C. Scarabelli, L.I.I. Saravolatz, L. Saravolatz, T.M. Scarabelli</td>
<td>St John Hospital/Wayne State University, Detroit, Michigan, USA</td>
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<td>CARDIOPROTective EFFECT OF ETHANOlIC EXTRACT OF TERMINALIA ARJUNA BARK IN ADRENALINE INDUCED MYOCARDIAL DAMAGE IN RATS</td>
<td>M. Rahaman, <strong>B. Begum</strong> Dhaka Medical College, Dhaka, Bangladesh</td>
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<td>EFFECT OF MELATONIN ON THE HEART OF MICE TREATED WITH ISOPROTERENOL</td>
<td><strong>B. Nieto-Lima,</strong> R. Bautista-Perez, A. Cano-Martinez Instituto Nacional de Cardiología &quot;Ignacio Chávez&quot;*, Mexico City, Mexico</td>
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<td>PREDICTIVE FACTOR FOR CENTRAL SLEEP APNEA AND EFFECTS OF CSA ON LEFT VENTRICULAR FUNCTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION</td>
<td>H. Nakashima, T. Henmi, <strong>Y. Uchida,</strong> Y. Shiraishi, S. Suzuki, K. Maemura Nagasaki Citizens Hospital, Nagasaki, Japan</td>
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<td>LEFT ATRIAL VOLUME IS A PREDICTOR OF LEFT VENTRICULAR REMODELING IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION</td>
<td>S. Fukuzawa, M. Inagaki, J. SugioKA, A. Ikeda, <strong>Y. Okino</strong> Funabashi Municipal Medical Center, Funabashi, Japan</td>
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<td>PREVENTIVE EFFECT OF EZETIMIBE FOR PROGRESSION OF ARTERIOSCLEROSIS</td>
<td><strong>E. Matsubara,</strong> T. Matsubara, T. Tomaru Japanese Red Cross Medical Center, Japan</td>
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<td>LEFT VENTRICULAR FUNCTIONS &amp; LIPID PEROXIDATION IN CHRONIC KIDNEY DISEASE</td>
<td><strong>N. Nand,</strong> PGIMS, Rohtak, India</td>
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SUNDAY, JULY 29, 2012

14:00 – 16:45  Hall A

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

Chairs:  U. Keil, Muenster, Germany
J. L. Mehta, Little Rock, AR, USA

14:00  CARDIOVASCULAR PREVENTION - A GLOBAL PROBLEM  (Invited Lecture)  
U. Keil, University of Muenster, Germany

14:15  DIURNAL RHYTHMS AND THE PATHOGENESIS OF CARDIOVASCULAR DISEASE  (Invited Lecture)  
M. 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)  
A. L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA

15:00  ACUTE RESPIRATORY INFECTIONS AS TRIGGERS FOR CARDIOVASCULAR EVENTS  (Invited Lecture)  
M. Madjid, Texas Heart Institute, Houston, TX, USA

15:15  STATINS FOR THE PRIMARY PREVENTION OF CVD IN WOMEN  (Invited Lecture)  
S. Mora, Brigham and Women's Hospital, Boston, MA, USA

15:30  LIFESTYLE FACTORS AND THE RISK OF STROKE  (Invited Lecture)  
G. 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)  
D. 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)  
K. 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)  
S. 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

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

Chairs: J.A. Elefteriades, New Haven, CT, USA
        S.D. Gertz, Jerusalem, Israel

14:00 ALCUTE AORTIC DISEASES: TEMPORAL PATTERNS OF ONSET AND CLINICAL OUTCOME (Invited Lecture)
        R. Manfredini, University of Ferrara, Italy

14:15 THERE IS AN EFFECTIVE MEDICAL TREATMENT FOR THORACIC AORTIC ANEURYSM (Invited Lecture)
        J.A. Elefteriades, Yale University School of Medicine, New Haven, CT, USA

14:30 CORONARY, CEREBRAL, AND ABDOMINAL AORTIC ANEURYSMS: SIMILARITIES IN PATHOGENESIS AND IMPLICATIONS FOR TREATMENT (Invited Lecture)
        The Hebrew University, Hadassah Faculty of Medicine, Jerusalem, Israel

14:45 PRECITION OF PROGNOSIS BY VACULAR IMAGINGS IN PERIPHERAL ARTERY DISEASE AFTER ENDOVASCULAR TREATMENT (Invited Lecture)
        T. 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)
        G-P. 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
        P. 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
        S. Amruthal Jain, T. Larsen, F. Alcocer, M. Zughib, 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
        H.J. Semler, G.L. Geary, R. McRae, N. Santos
        Oregon Health Science University, Portland, OR, USA
SUNDAY, JULY 29, 2012

PL12 Plenary Session
PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE (cont)

16:15 CAROTID INTIMA MEDIA THICKNESS PROVIDES EVIDENCE THAT ASCENDING AORTIC ANEURYSM PROTECTS AGAINST SYSTEMIC ATHEROSCLEROSIS
Yale University School of Medicine, New Haven, CT, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:30 Hall C

S30 Session
ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY

Chair: K. Seidl, Ingolstadt, Germany
M. Takagi, Osaka, Japan

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
M. 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
The Ohio State University, Columbus, OH, USA

14:30 PACEMAKERS IN PATIENTS WITH HIGH SPINAL INJURY
B.R. Porter, H. Jayanthi, A. Money-Kyrle
Buckinghamshire Healthcare Trust, Stoke Mandeville Hospital, Bucks, UK

14:45 USE AND LONG-TERM OUTCOMES OF IMPLANTABLE CARDEOVERTER DEFIBRILLATOR DEVICES IN A POPULATION STUDY
P.J. Bradshaw, M.S.T. Hobbs, T.G. Briffa,
University of Western Australia, Perth, WA, Australia

15:00 USING PACEMAKER/IMPLANTABLE CARDEOVERTER DEFIBRILLATOR MODE SWITCH QUANTIFICATION TO ASSESS CLINICAL PREDICTORS OF ATRIAL FIBRILLATION RECURRENT
P. Ruisi, J.N. Makaryus, J.N. Catanzaro, A. Ceredone, A.N. Makaryus, R. Jadonath,
S.J. Belner, S. 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
The University of Texas Medical School at Houston, Houston, TX, USA
SUNDAY, JULY 29, 2012

S30 Session
ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM THERAPY (cont)  

15:30 LONG-TERM SURVIVAL AND AICD THERAPY IN SURVIVORS OF CARDIAC ARREST TREATED WITH THERAPEUTIC HYPOTHERMIA
B. Saour, V. Khurana, J. Yong, T. Waters, M. Liakos, M. Tosooff
Albany Medical Center, Albany, NY, USA

15:45 CONTRACTILITY-GUIDED VENTRICULAR LEAD IMPLANT OPTIMIZES PACING AMONG PATIENTS WITH STRUCTURAL HEART DISEASE
P.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
J.C. Caldwell, D.P. Redline, A.M. Baranchuk, K.A. Michael, C. Simpson, H. Abdullah, 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

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14:00 – 16:15 Hall D

S31 Session
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

Chairs: J.D. Marsh, Little Rock, AR, USA
T. Toyo-Oka, Tokyo, Japan

14:00 INTERACTION BETWEEN TELOMERASE AND MYOCARDIN A CRITICAL FOR CARDIOMYOCYTIC DEVELOPMENT OF MESENCHYMAL STEM CELLS: AN IMPLICATION FOR CARDIOVASCULAR TISSUE REPAIR AND REGENERATION
Yj. Geng, University of Texas Houston Medical School, Houston, TX, USA

14:15 DETRIMENTAL IMPACT OF DIABETES ON EPHA2 KNOCKOUT MICE FOLLOWING MYOCARDIAL INFARCTION
M.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
H.Y. Wang, J.Y. Zhao, X.H. Gong, G.Y. Huang, B. Qiao, W.Y. Duan, H.B. Shen, L Jin, Fudan University, China
SUNDAY, JULY 29, 2012

S31  Session
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES (cont)

14:45  THE MOLECULAR BASIS OF AUTOSOMAL DOMINANT HYPERCHOLESTEROLEMIA: ASSESSMENT IN A LARGE COHORT OF HYPERCHOLESTEROLEMIC CHILDREN
Academic Medical Center, Amsterdam, The Netherlands

15:00  HISTOLOGICAL AND FUNCTIONAL ASSESSMENT OF HUMAN PLACENTAL STEM CELLS IN A MYOCARDIAL RAT INFARCTION
G. 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
P.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, E. 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
Beijing Chao-Yang Hospital affiliated Capital Medical University, Beijing, China

16:00  GLUCOCORTICOID AMELIORATES EARLY CARDIAC DYSFUNCTION AFTER CORONARY MICROEMBOLIZATION BY SUPPRESSING TGF-BETA1/SMAD3 AND CTGF EXPRESSION
Z.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**

Chairs:  **L.A. Kirshenbaum**, Winnipeg, MB, Canada  
         **C.S. Long**, Denver, CO, USA

**16:45**  LINEAGE MARKERS IN TRACKING CARDIAC FIBROBLAST FATE IN VIVO AND IN VITRO  (Invited Speaker)  
**C.S. Long**, University of Colorado Health Sciences Center, Denver, CO, USA  
Abstract No. 328

**17:00**  p90Rsk REGULATES CHIP UB LIGASE ACTIVITY VIA ERK5 AND PROMOTES CARDIAC DYSFUNCTION  (Invited Speaker)  
**J-I. Abe**, University of Rochester School of Medicine and Dentistry, Rochester, NY, USA  
Abstract No. 329

**17:15**  NEGATIVE REGULATION OF TOLL LIKE RECEPTOR (TLR)/INTERLEUKIN-1 (IL-1) SIGNALING IN CARDIAC REPAIR (Invited Speaker)  
**N.G. Frangogiannis**, Albert Einstein College of Medicine, Bronx, NY, USA  
Abstract No. 330

**17:30**  CROSS-TALK BETWEEN MITOCHONDRIAL AND ER DEATH PATHWAYS IN THE HEART  (Invited Speaker)  
**L.A. Kirshenbaum**, University of Manitoba, Winnipeg, MB, Canada  
Abstract No. 331

**17:45**  STEM CELLS FOR CARDIAC REGENERATION IN THE DIABETIC AND NON-DIABETIC HEART  (Invited Speaker)  
**D.K. Singla**, University of Central Florida, Orlando, FL, USA  
Abstract No. 332

**18:00**  ROLE OF AUTOPHAGY IN THE HUMAN HEART EXPOSED TO IATROGENIC ISCHEMIA/REPERFUSION INJURY  (Invited Speaker)  
**T.M. Scarabelli**, Wayne State University School of Medicine, Detroit, MI, USA  
Abstract No. 333

**18:15**  HABITUAL SHORT SLEEP DURATION IS ASSOCIATED WITH ENDOTHELIAL FIBRINOLYTIC DYSFUNCTION  
**B.R. Weil, K.J. Diehl, J. Greiner, B.L. Stauffer, C.A. Desouza**  
University of Colorado, Boulder, CO, USA  
Abstract No. 334

**18:30**  THE MOLECULAR MECHANISM OF GALECTIN-3-STIMULATED CARDIAC FIBROBLAST PROLIFERATION  
**W-R. Hao, J.C. Liu, T.H. Cheng, J-J. Chen**  
Taipei Medical University, Taipei, Taiwan  
Abstract No. 335

**18:45**  MICRORNA-128 CONTRIBUTES TO ADVERSE REMODELING IN ATRIAL FIBRILLATION  
**Y.J. Lv, H.L. Shan, W.F. Chu, D-L. Dong, B.F. Yang**  
Harbin Medical University, Harbin, China  
Abstract No. 336
Sunday, July 29, 2012

16:45 – 18:45 Hall B

PL14 Plenary Session
HYPERTENSION: FROM GENETICS TO RECENT ADVANCES IN THERAPY

Chairs: W.S. Aronow, Valhalla, NY, USA
E. Bossone, Amelia Coast, Italy

16:45 ROLE OF ECHOCARDIOGRAPHY IN PULMONARY ARTERIAL HYPERTENSION: FROM DIAGNOSIS TO PROGNOSIS (Invited Speaker)
E. Bossone, Cava de Tirreni & Amelia Coast Hospital, Italy

17:00 HYPERSENSITIVITY IN ELDERLY (Invited Lecture)
W.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 Lecture)
C. 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 Lecture)
R.C. Hermida, Campus Universitario, Vigo, Spain

17:45 RENAL DEFORMATION - STATE OF THE ART (Invited Lecture)
S.C. Bertog, Cardiovascular Center Frankfurt, Germany

18:00 PRE-HYPERTENSION: NOT A BENIGN VASCULAR CONDITION (Invited Lecture)
C. DeSouza, University of Colorado, Boulder, CO, USA

18:15 EMERGING MOLECULAR MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION: ARE WE CLOSER TO A CURE? (Invited Lecture)
D.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 Lecture)
S.S. Franklin, University of California, Irvine, CA, USA
SUNDAY, JULY 29, 2012

16:45 – 19:15  Hall C

S32 Session
ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION

Chairs:  K.A. Adarsh, Amritsar, Punjab, India
         A. Schade, Bad Neustadt, Germany

Abstract No.

16:45  COMPARATIVE EFFICACY, COST AND RADIATION EXPOSURE DURING TACHYCARDIA ABLATION IN CHILDREN WITH AND WITHOUT FLUOROSCOPIC IMAGING
Y. 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
D. 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, A. 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
S.J. Pollak, G. Monir
Arrhythmia and Ablation Center, Florida Heart Institute, Orlando, FL, USA

17:45  PROGNOSTIC SIGNIFICANCE OF MINOR TROPOIN ELEVATION IN PATIENTS WITH NEW ONSET ATRIAL FIBRILLATION
S.K. Mathias, A.G. DeNazareth, J.A. Fernandes, P. Ganji, A. Smer, V.M. Alla, D.J. Estebrooks
Creighton University, Omaha, NE, USA

18:00  HYBRID APPROACH WITH RADIOFREQUENCY AND CRYOBALLOON ABLATION FOR PAROXYSMAL ATRIAL FIBRILLATION
Cagnon Cardiovascular Institute, Morristown Medical Center, Morristown, NJ, USA

18:15  INTRACARDIAC ECHOCARDIOGRAPHY DOES NOT INCREASE ABLATION PROCEDURE TIME
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
G.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
Morristown Medical Center, Morristown, NJ, USA

19:00  MANAGEMENT OF ATRIAL FIBRILLATION BY CANADIAN ELECTROPHYSIOLOGISTS AFTER DISCONTINUATION OF THE PALLAS STUDY
Heart Rhythm Service, Kingston General Hospital, Queen’s University Kingston, ON, Canada
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<td>M.J. Hosseinzadeh-Attar, A. Golpaie, M. Talebpour School of Public Health, Tehran University of Medical Sciences, Tehran, Iran</td>
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<td>2</td>
<td>ADJACENT QTC DISPERSION IN WELL CONTROLLED TYPE II DIABETES MELLITUS S. Khosropanah, M. Bahtoe, Shiraz University of Medical Sciences, Shiraz, Iran</td>
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### P402 Poster Session

#### PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME

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<th>ROLE OF BLOOD UREA NITROGEN TO CREATININE RATIO IN THE PREDICTION OF INTRAVASCULAR VOLUME STATUS IN PATIENTS WITH SYSTOLIC HEART FAILURE</th>
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<td>M. Aldeiri, W.I. Khalife, M. Morsy, P. Nalabothu, A. Khanfar University of Texas Medical Branch (UTMB), Galveston, TX, USA</td>
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<td>5</td>
<td>VALUE OF THE ECG IN THE DIAGNOSIS OF THE DIASTOLIC DYSFUNCTION M. 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</td>
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<td>6</td>
<td>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</td>
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<td>EFFECTS OF EARLY STAGE DIASTOLIC DYSFUNCTION ON FUNCTIONAL CAPACITY W.I. Khalife, M. Morsy, P. Nalabothu, A. Khan, H. Van, S. Mutnuri University of Texas Medical Branch (UTMB), Galveston, TX, USA</td>
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<td>8</td>
<td>PREDICTORS OF RECOVERY IN PATIENTS WITH SEVERE SYSTOLIC HEART FAILURE W.I. Khalife, R. Al-Najjar, A. Al-Emam, A. Khanfar University of Texas Medical Branch (UTMB), Galveston, TX, USA</td>
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<td>THE CARDIOVASCULAR CAPACITY RESERVE CONTROL IS THE NAME OF THE GAME: A NOVEL HYPOTHESIS COMPREHENSIVELY EXPLAINS SHOCK AND HEART FAILURE U. Gabbay, B.Z. Bobrovsky, Cardio Scale Ltd., Tel Aviv University, Tel Aviv, Israel</td>
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SUNDAY, JULY 29, 2012

**P402 Poster Session**
**PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME**

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<td>CORRELATION BETWEEN DIASTOLIC DYSFUNCTION AND BODY MASS INDEX WITH ABNORMAL LIVER FUNCTION TEST (LFT)</td>
<td>A.R. Al Emam, W.L. Khalife, M. Morsy, P. Nalabothu</td>
<td>University of Texas Medical Branch (UTMB), Galveston, TX, USA</td>
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<td>DOES AGE AND SEX PREDICT MORTALITY IN PATIENTS WITH SEVERE SYSTOLIC HEART FAILURE?</td>
<td>W.L. Khalife, P. Nalabothu, A. Al Emam, M. Morsy</td>
<td>University of Texas Medical Branch (UTMB), Galveston, TX, USA</td>
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**P403 Poster Session**
**PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE**

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<td>T-WAVE REVERSION DURING EXERCISE STRESS TESTING IN PEDIATRIC PATIENTS</td>
<td>W. Hoyt, B.C. Cannon, C.S. Snyder</td>
<td>Rainbow Babies and Children’s Hospital, Cleveland, OH, USA</td>
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<td>GERBODE TYPE DEFECT IN ADULTS AFTER REPAIR OF TETRALOGY OF FALLOT</td>
<td>S. Yalonetsky, A. Lorber, R. Wald, E. Oechslin</td>
<td>Rambam Hospital, Haifa, Israel</td>
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<td>TREATMENT AND SEVEN YEAR FOLLOW UP OF A FETUS WITH SUPRAVENTRICULAR TACHYCARDIA AND HYDROPS: A CASE REPORT</td>
<td>R.M. Atkins, S. Baker</td>
<td>University of Oklahoma, Oklahoma City, OK, USA</td>
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<td>CLINICAL PROFILE AND OUTCOMES OF PREGNANT PATIENTS WITH CONGENITAL HEART DISEASE AT THE UNIVERSITY OF THE PHILIPPINES-PHILIPPINE GENERAL HOSPITAL (UP-PGH)</td>
<td>M.J.T. Reyes, R.B. Capito, F.R. Punzalan, U- Philippine General Hospital, Manila, Philippines</td>
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<td>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</td>
<td>M. Greif, F. von Ziegler, J. Tittus, C. Becker, F. Bamberg, A. Becker University of Munich, Department of Cardiology, Munich, Germany</td>
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<td>NON-INVASIVE RESPIRATORY MONITORING IN HEART FAILURE PATIENTS UNDERGOING INTERVENTIONAL PROCEDURES</td>
<td>A. Panasyuk, M.J. Lalli, N. Yucum, S. Panasyuk, R. Lew, E.P. Messana S.C. Mors, C.J. Voscopoulos, J. E. Freeman Respiratory Motion, Inc., Waltham, MA, USA</td>
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<td>THE ELECTROCARDIOGRAM LACKS SENSITIVITY FOR THE DETECTION OF MYOCARDITIS</td>
<td>S. Jhamnani, A. Fuisz, J. Lindsay, Washington Hospital Center, Washington DC, USA</td>
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<td>COMPARISON OF INTERVENTION WITH DRUG ELUTING STENT AND MEDICAL TREATMENT IN PATIENT WITH CHRONIC TOTAL OCCLUSION</td>
<td>H. Kim, E.H. Choo, Y.S. Ko, W.S. Chung, K.B. Seung The Catholic University of Korea, Seoul, Korea</td>
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<td>NON RANDOMIZED TRIAL COMPARING SAME-DAY DISCHARGE WITH OVERNIGHT HOSPITAL STAY AFTER CORONARY ANGIOPLASTY</td>
<td>J.M. Telayna, C. Garcia, R.A. Costantini Hospital Universitario Austral, Buenos Aires, Argentina</td>
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<td>EXCELLENT OUTCOMES WITH PERCLOSE IN A LARGE NUMBER OF UNSELECTED PATIENTS UNDERGOING CARDIOVASCULAR PROCEDURES</td>
<td>G.S. Kang, UPMC Hamot Hospital, Erie, PA, USA</td>
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<td>GRADUAL DECLINE IN IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION IN DIABETES AND NON-DIABETES PATIENTS</td>
<td>M-R. Movahed, M. Hashemzadeh, M. Hashemzadeh The Southern Arizona VA Health Care System, AZ, USA</td>
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### P406 Poster Session

**ACUTE CORONARY SYNDROMES: BASIC AND CLINICAL**

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| 26 | ESTABLISHMENT OF CORONARY MICROEMBOLI VOLUME CAUSING VISIBLE MYOCARDIAL MICROINFARCTS ON MDCT AND MRI  
M. Saeed, S.W. Hetts, L. Do, S.M. Sullivan, M.W. Wilson  
University of California San Francisco, CA, USA  

| 27 | A RE-AUDIT ON THE USE AND PRESCRIPTION OF SUPPLEMENTAL OXYGEN IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROME IN THE CORONARY CARE UNIT  
K. Ghoorah, J. Cam, D.P. Ripley, N. Swanson, M.A. de Belber, A. Harper  
Newcastle University, Newcastle Upon Tyne, UK  

| 28 | CARDIAC ELECTROPHYSIOLOGY, INJURY BIOMARKERS AND MYOCARDIAL VIABILITY IN VARIOUS TYPES OF ISCHEMIC INSULTS  
M. Saeed, S.W. Hetts, L. Do, M.W. Wilson  
University of California, San Francisco, CA, USA  

### P407 Poster Session

**ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI**

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| 29 | BLACK RACE A PREDICTOR OF HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY ROOM  
University of Arkansas for Medical Sciences, Little Rock, AR, USA  

| 30 | A STUDY ON THE EFFICACY AND SAFETY OF A LOW DOSE CLOPIDOGREL USAGE IN CHINESE PEOPLE AFTER DRUG ELUTING STENT IMPLANTATION FOR 3 YEARS  
W. 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  

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

SCIENTIFIC PROGRAM
Monday, July 30, 2012
MONDAY, JULY 30, 2012

08:30 – 11:00 Hall A

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

Chairs:  U. Elkayam, Los Angeles, CA, USA
        H.N. Sabbah, Detroit, MI, USA

08:30  STEPS TO PREVENT HEART FAILURE  (Invited Lecture)  385
        H.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)  386
        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)
        S. Goldstein, Henry Ford Hospital, Detroit, MI, USA

09:15  AGING AND HEART FAILURE: ROLE OF HEALING AFTER MYOCARDIAL INFARCTION  (Invited Lecture)
        B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, Alberta, Canada

09:30  BAROREFLEX STIMULATION FOR THE TREATMENT OF HEART FAILURE  (Invited Lecture)
        H.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)
        J.A. Chirinos, University of Pennsylvania School of Medicine Philadelphia, PA, USA

10:00  MANAGEMENT OF PATIENT WITH ADVANCED HEART FAILURE  (Invited Lecture)
        M.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)
        A. Kazory, University of Florida, Gainesville, FL, USA

10:30  DIET IN THE PREVENTION AND MANAGEMENT OF HEART FAILURE  (Invited Lecture)
        C. 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)
        H. Zheng, University of Nebraska Medical Center, Omaha, NE, USA

11:00  COFFEE, VISIT POSTERS AND EXHIBITION

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MONDAY, JULY 30, 2012

08:30 – 10:45 Hall B

PL16  Plenary Session

NOVEL CARDIOPROTECTIVE THERAPIES

Chairs:  Y. Birnbaum, Houston, TX, USA
         P.K. Singal, Winnipeg, MB, Canada

08:30  EARLY INSULIN TREATMENT AMELIORATES POST-ISCHEMIC
       HEART FAILURE BY INHIBITION OF MYOCARDIAL CAMKII AND
       P38 MAPK ACTIVITY  (Invited Lecture)
       F. 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)
       P.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 Lecture)
       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)
       U. Forsterrmamn, Johannes Gutenberg University Medical Center, Mainz, Germany

09:30  OXYTOCIN – AN ANTI-OBESEITY AND CARDIOPROTECTIVE MOLECULE
       (Invited Lecture)
       D. 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)
       Y. Chen, University of Minnesota, Minneapolis, MN, USA

10:00  THERAPEUTIC POTENTIAL OF TISSUE INHIBITOR OF
       METALLOPROTEINASES (TIMPS) FOLLOWING MYOCARDIAL
       INFARCTION (Invited Lecture)
       Z. Kassiri, University of Alberta, Edmonton, AB, Canada

10:15  TRICYCLIC PSYCHIATRIC ANTIDEPRESSANTS AS ALPHA2A
       ADRENERGIC RECEPTOR LIGANDS MODULATING RECEPTOR FUNCTION
       (Invited Lecture)
       Q. 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
       E.S. Teh, D.J. Chambers
       The Rayne Institute (King’s College London), London, UK

10:45  COFFEE, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2012

08:30 – 10:15 Hall C

S33 Session
INTERVENTIONAL CARDIOLOGY

Chairs: B.F. Uretsky, Little Rock, AR, USA
        G.W. Vetrovec, Richmond, VA, USA

Abstract No.

08:30 DEDICATED STENT TREATMENT VERSUS STANDARD TREATMENT FOR CORONARY BIFURCATIONS: LONG-TERM FOLLOW-UP
        T. Gil-Jimenez, L.A. Inigo-Garcia, J.R. Siles-Rubio, A. Ramirez-Moreno,
        L. Fernandez-Lopez, C. Medina-Palom, M. Pombo-Jimenez,
        J.F. Munoz-Bellido, O. Sanz-Vazquez, F. Ruiz-Mateas, Hospital Costa de Sol,
        Marbella, Spain

08:45 A MULTI-DISCIPLINARY EFFORT TO DECREASE VASCULAR COMPLICATIONS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (PCI)
        P. 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, M-R. Movahed
        The Southern Arizona VA Health Care System, University of Arizona Sarver Heart Center, Tucson, AZ, USA

09:15 TRANSRADIAL CATHETERIZATION AND M-SIGN
        G.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, G. 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 HYPOSENSITIVENESS 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)
        E.I. Woollard, L.J. Wood, K.V. Woollard, T.G. Briffa
        University of Western Australia, Perth WA, Australia

10:15 COFFEE, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 30, 2012

11:15 – 14:15 Hall A

PL17 Plenary Session

OBESITY, METABOLIC SYNDROME AND DIABETES
Joint Session with the American Society for Preventive Cardiology

Chairs: M.A. Alpert, Columbia, MO, USA
       N.D. Wong, Irvine, CA, USA

11:15 THE OBESITY PARADOX AND CARDIOVASCULAR DISEASE
       (Invited Lecture)
       M.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)
       E. Barrett-Connor, University of California San Diego, La Jolla, CA, USA

11:45 ENDOTHELIAL DYSFUNCTION IN HYPERTENSION, DIABETES AND
       OBESEITY (Invited Lecture)
       T. Malinski, Chemistry and Biochemistry Ohio University, Athens, OH, USA

12:00 SCREENING FOR CVD IN METABOLIC SYNDROME AND DIABETES?
       (Invited Lecture)
       N.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 Lecture)
       G.L. Fung, UCSF Medical Center at Mt. Zion, San Francisco, CA, USA

12:30 REFINING RISK ASSESSMENT IN DIABETIC DYSLIPIDEMIA AFTER
       ACHIEVING LDL-C GOAL (Invited Lecture)
       O.P. Ganda, Harvard Medical School, Boston, MA, USA

12:45 NON-INVASIVE ULTRASOUND EVALUATION OF SUBCLINICAL
       ATHEROSCLEROSIS: PROGRESS AND PITFALLS (Invited Lecture)
       J.M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA

13:00 GENETIC RISK FACTORS FOR CARDIOVASCULAR DISEASE IN TYPE 2
       DIABETES (Invited Lecture)
       L. Qi, Harvard School of Public Health, Boston, MA, USA

13:15 EFFICACY AND SAFETY OF SAXAGLIPTIN IN PATIENTS WITH TYPE 2
       DIABETES AND HISTORY OF CARDIOVASCULAR DISEASE
       W. Cook, B. Bryzinski, J. Slater, M. Donovan, E. Allen
       Medical Affairs, AstraZeneca, Wilmington, DE, USA

13:30 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, Spain
MONDAY, JULY 30, 2012

PL17  Plenary Session

OBESITY, METABOLIC SYNDROME AND DIABETES
Joint Session with the American Society for Preventive Cardiology (cont)

13:45  AMBULATORY BLOOD PRESSURE THRESHOLDS FOR DIAGNOSIS
OF HYPERTENSION IN TYPE 2 DIABETES BASED ON
CARDIOVASCULAR OUTCOMES
R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez, University of Vigo, Spain

14:00  EFFICACY AND SAFETY OF SAXAGLIPTIN IN PATIENTS WITH TYPE 2
DIABETES STRATIFIED BY CARDIOVASCULAR RISK FACTORS
W. Cook, J. Slater, B. Bryzinski, M. Donovan, E. Allen
Medical Affairs, AstraZeneca, Wilmington, DE, USA

11:15 – 13:45  Hall B

S34  Session

HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES

Chairs:  B.I. Jugdutt, Edmonton, AB, Canada
         M.H. Pitzalis, Greenville, NC, USA

11:15  BIOMEDICAL VECTOR ANALYSIS IN THE DIAGNOSIS OF ACUTE
DECOMPENSATED HEART FAILURE IN THE EMERGENCY DEPARTMENT
D.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
Mount Sinai Medical Center, New York, NY, USA

11:45  IS “CHRONOTROPIC INCOMPETENCE” AN ADAPTIVE MECHANISM IN
SYSTOLIC HEART FAILURE?
J. 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
V.M. Alla, O. Bansal, S. Kanuri, M.B. Jayanna, Y.M. Reddy, M. Kaushik,
D. Lakkireddy, A. Mooss
Creighton University, Omaha, NE, USA

12:15  TAKOTSUBO CARDIOMYOPATHY AND STROKE
M.L. Young, J. Stoehr, M.J. Aguilar, F.D. Fortuin
Midwestern University, Glendale, AZ, USA

12:30  MICRORNAS AS A WINDOW INTO CELLULAR PROCESSES OCCURRING
SOON AFTER ACUTE MYOCARDIAL INFARCTION
C. Watt, P. Sirish, N. Chianvimonvat, J. López
University of California, Davis, Sacramento, CA, USA
MONDAY, JULY 30, 2012

S34  Session
HEART FAILURE: PATHOGENESIS, MANAGEMENT, OUTCOMES (cont)

12:45  EVALUATION OF ATRIAL ASYNCHRONY IN HEART FAILURE PATIENTS BY 2D SPECKLE TRACKING USING VELOCITY VECTOR IMAGING
M. Esmaeilzadeh, M. Nikparvar, M. Maleki, F. Nooee, 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 Sharileh, A. Al Enam, A. Khanfar, W.I. Khalife
University of Texas Medical Branch, Galveston, TX, USA

13:15  BETA BLOCKER UPTITRATION POST CRT: A SINGLE CENTER EXPERIENCE
Stem Cardiovascular Clinic, Germantown, TN, USA

13:30  PROBNP AND TROPOGIN COMBINED IS A STRONGER PREDICTOR OF READMISSIONS COMPARED TO PROBNP ALONE IN CHF PATIENTS
N.C. Bhalodkar, A. Alvi, R. Alvi, U. Khan, J. N. Bella, M. Ashar
Bronx-Lebanon Hospital Center affiliated with Albert Einstein College of Medicine, Bronx, NY, USA

11:15 – 13:45  Hall C

S35  Session
ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

Chairs:  M.E. Farkouh, Toronto, ON, Canada
         Y. Ueda, Osaka, Japan

11:15  DIABETES MELLITUS IS A PREDICTOR OF HYPORESPONSIVENESS TO CLOPIDOGREL BY PLATELET FUNCTION TESTING IN EMERGENCY ROOM
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
M. 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
N. Fnaiz, 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
A. Peleg, Y. Hasin, Poriya Hospital, Tiberias, Israel

12:15  TRANSRADIAL PERCUTANEOUS CORONARY ANGIOPLASTY IN ACUTE MYOCARDIAL INFARCTION
J.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
M.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?
N.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
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, E. 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
V.N. Singh, N.N. Singh, J. Levine, N.N. Singh, M. Nelson, L. Marlow
University of South Florida College of Medicine, Tampa, FL, USA
### PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATEROTHROMBOTIC DISEASE

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<td>G. Peretto, A. Durante, A. Laricchia, F. Ancona, M. Spertera, U. Ng, D. Hu, N. Cristelli, A. Masere, D. Ciardifone Università Vita-Salute San Raffaele, Istituto Scientifico San Raffaele, Milan, Italy</td>
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<td>BORDERLINE HIGH LDL-C AND ENDOTHELIAL VASOCONSTRICTOR TONE</td>
<td>K.J. Diehl, J.J. Greiner, B.L. Stauffer, C.A. DeSouza University of Colorado, Boulder, CO, USA</td>
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<td>ASSOCIATION OF PHYSICAL ACTIVITY IN A YOUNG STUDENT POPULATION FROM THE CITY OF CAMPINAS, BRAZIL</td>
<td>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</td>
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<td>A SCHOOL-BASED EDUCATIONAL INTERVENTION ON CARDIOVASCULAR DISEASE RISK FACTOR KNOWLEDGE AMONG IRANIAN HIGH SCHOOL STUDENTS</td>
<td>F. Khoshkhoo, A. Arbabisarjou Islamic Azad University of Zahadan Branch, Zahadan, Iran</td>
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<td>RELATIONSHIP OF CARDIOMETABOLIC RISK FACTORS, REVEALED IN HEALTH CENTERS, AND DATA OF DISPERSION ECG-CARTING</td>
<td>M.V. Avdeeva, A.B. Shapovalova, L.V. Shcheglova St.-Petersburg State Pediatric Medical Academy, St. Petersburg, Russia</td>
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<td>INCREASED PSYCHOSOCIAL STRESS IN GREEK MIGRANTS WITH CHD: THE HEALTHY HEART, HEALTHY MIND STUDY</td>
<td>I.A. Kiropoulos, I. Meredith, A. Tonkin, D. Clarke, P. Antonis, J. Plunkett University of Melbourne, Melbourne and Monash University, Melbourne, Australia</td>
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<td>EFFECT OF SUPPLEMENTATION OF FOLIC ACID &amp; VITAMIN B12 ON CARDIOVASCULAR MORTALITY &amp; HYPERHOMOCYSTEINEMIA IN CHRONIC KIDNEY DISEASE</td>
<td>Nitya Nand PGIMS, Rohtak, India</td>
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<td>HYPOMAGNESAEIA IN CARDIO-CEREVEROVASCULAR DISEASE IS LINKED OF SOME RISK FACTORS OF ATHEROSCLEROSIS AND OF MISSING TOOTH, IN PATIENTS FROM ROMANIA</td>
<td>I.A. Gutiu, L.I. Gutiu, F.S. Radulescu, M. Cojocaru Military Emergencies Hospital, Bucuresti, Romania</td>
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**P502 Poster Session**

**VALVULAR HEART DISEASE / HEART VALVE SURGERY**

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<td>BALLOON VALVULOPLASTY AS A BRIDGE TO AORTIC VALVE REPLACEMENT: A SINGLE CENTER EXPERIENCE</td>
<td>A.D. Patel, J. Stewart, E. Clermont, K. Mavromatis, V. Babaliaros</td>
<td>Emory University School of Medicine, Atlanta, GA, USA</td>
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<td>A SINGLE TERTIARY CARE CENTER EXPERIENCE WITH BMV (BALLOON MITRAL VALVOTOMY) IN PREGNANT WOMEN IN INDIA</td>
<td>S.C. Mishra, A. Banerji</td>
<td>Base Hospital Delhi Cantt, New Delhi, Delhi, India</td>
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<td>PREOPERATIVE LEFT VENTRICULAR FUNCTION IN DEGENERATIVE MITRAL VALVE DISEASE</td>
<td>E. Malev, G. Kim, M. Ormelchenko, L. Mitrofanova, M. Prokudina, E. Zemtsovsy</td>
<td>Almazov Federal Heart, Blood and Endocrinology Centre, Russia</td>
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<td>IS LEFT ATRIAL SIZE A HIGH RISK FOR POST-OPERATIVE ATRIAL FIBRILLATION AFTER AORTIC VALVE REPLACEMENT</td>
<td>G.H. Yao, R. Ali, J. Cui, D. Engelman, D. Deaton, J. Flack III, J.R. Cook, J. Rousou, L. Jiang</td>
<td>Baystate Medical Center, Tufts University School of Medicine, Springfield, MA, USA</td>
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<td>UNDERSTANDING OF THE ETIOLOGY OF DEGENERATIVE MITRAL VALVE DISEASE BY ECHOCARDIOGRAPHY, SURGEON AND PATHOLOGIST</td>
<td>E. Malev, G. Kim, L. Mitrofanova, M. Gordeev, M. Prokudina, E. Zemtsovsy</td>
<td>Almazov Federal Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia</td>
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<td>CAN DIASTOLIC FUNCTION PARAMETERS BE USED TO DETERMINE THE TIMING OF SURGERY IN PATIENTS WITH SEVERE AORTIC STENOSIS?</td>
<td>M.Q. Najib, J.L. Ganji, A. Raizada, H.R. Lee, H.P. Chalki</td>
<td>Mayo Clinic, Scottsdale, AZ, USA</td>
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<td>IMPACT OF N-TERMIAL BNP LEVELS IN PATIENTS WITH SEVERE VALVULAR AORTIC STENOSIS</td>
<td>T. Thomas, C.N. Manjunath, S. Banu</td>
<td>Sri Jayadeva Institute of Cardiovascular Sciences &amp; Research, Bangalore, India</td>
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<td>ANALYSIS OF MORBIDITY, MORTALITY AND RISK FACTORS IN PATIENTS UNDERGOING MITRAL VALVE REPLACEMENT WITH ‘CONTINUOUS SUTURE TECHNIQUE’</td>
<td>S.K. Singh, V. Devenraj, S.K. Dwivedi, D. Kaushal, A. Kumar, V. Tewarson, T. Goyal, S. Kumar, N. Raiput, S. Kumar</td>
<td>CSM Medical University, Lucknow, India</td>
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<td>19</td>
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<td>VALVE SURGERY IN ENDOCARDITIS AND NON-ST-ELEVATION MYOCARDIAL INFARCTION WITHOUT CORONARY ANGIOGRAM</td>
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### P503 Poster Session

**CARDIAC TRANSPLANTATION / MECHANICAL CIRCULATORY SUPPORT**

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<td>EFFECT OF CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICE SUPPORT ON DIASTOLIC FUNCTION</td>
<td>N. Nair, P. Lamert, S. John, D. Jupiter, E. Gongora, C. Tong</td>
<td>TAMHSC College of Medicine, Temple, TX, USA</td>
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### P504 Poster Session

**VASCULAR BIOLOGY, BASIC RESEARCH**

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<td>SERP-1 AND SERP-2, VIRAL ANTI-INFLAMMATORY PROTEINS, MODULATE SIGNALING IN HUMAN MONOCYTES</td>
<td>J.A. Davids, S. Saikaly, N. Fife, A.R. Lucas</td>
<td>University of Florida, Gainesville, FL, USA</td>
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<td>THE STUDY OF INVITRO CARdioVASCular EFFECTS OF CRATAEGUS ARONIA IN NORMOTENSIVE RATS</td>
<td>M.S. Shoh, O. Al-Habib</td>
<td>Faculty of Science, University of Zakho, Iraq</td>
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<td>MODULATION OF AORTIC INWARD RECTIFIER POTASSIUM CHANNELS ACTIVITY BY HYDROGEN SULFIDE</td>
<td>O. Al-Habib, A. Salibi, O. Moran, C. Picco, D. Baroni</td>
<td>Faculty of Science, University of Zakho, Iraq</td>
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### P505 Poster Session

**GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASE THERAPIES, BASIC RESEARCH**

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<td>C.C. Rodriguez-Bonfante, M.A. Chiurillo-Siervo, L. Labrador-Montero</td>
<td>Universidad Centrocultural Isandro Alvarado, Barquisimeto, Lara, Venezuela</td>
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<td>W.M. Alshaqha, K.A. Alabdulrahman, D.A. Dizmri</td>
<td>Imam Mohammed Bin Saud University, Riyadh, Saudi Arabia</td>
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**P507 Poster Session**

**CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION**

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**P506 Poster Session**

**CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION**

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P507  Poster Session
CARDIAC ELECTROPHYSIOLOGY – ARRHYTHMIA ASSESSMENT AND PREVENTION

Abstract No. 43

INCREASED MORTALITY RISK DURING GRAVITATIONAL TRANSITION IN HEART DISEASE MODEL

Ramathibodi Hospital, Mahidol University, Bangkok, Thailand