SUNDAY, JULY 27, 2008

09:00 – 10:15
Hall A

OC: OPENING CEREMONY
Chairperson: J.S. Borer, New York, NY, USA

GREETINGS
Asher Kimchi, USA
Founder and Chairman
International Academy of Cardiology
14th World Congress on Heart Disease

Jeffrey S. Borer, USA
Chairman, Scientific Executive Committee
Chairman, Section of Valvular Heart Disease
International Academy of Cardiology
14th World Congress on Heart Disease

John A. Elefteriades, USA
Member, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
International Academy of Cardiology
14th World Congress on Heart Disease

Marcos A. Rossi, Brazil
Member, Scientific Executive Committee
Chairman, Section of Vascular Biology
International Academy of Cardiology
14th World Congress on Heart Disease

Pawan K. Singal, Canada
Member, Scientific Executive Committee
Chairman, Section of Vascular Biology
International Academy of Cardiology
14th World Congress on Heart Disease

PRESENTATION OF 2008 AWARDS
Jeffrey S. Borer, USA

09:35– 10:15  Hall A

OL: OPENING LECTURE – THIRD H.J.C. SWAN MEMORIAL LECTURE
Chairperson: K. Chatterjee, San Fransisco, CA, USA

09:35 INTRODUCTION
K. Chatterjee, San Fransisco, CA, USA

09:40 WOMAN AND HEART DISEASE IN THE POST-WHI ERA
(Invited Lecture)
E.L. Barrett-Connor, University of California, San Diego, CA, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL: 01  Plenary Session
NEW THERAPEUTIC TARGETS IN CARDIOVASCULAR MEDICINE

Chairperson:  C. Patterson, Chapel Hill, NC, USA

Abstract No.

10:45  INHIBITION OF PHOSPHOLIPASES: A NEW STRATEGY TO TREAT THEROSCLEROSIS AND ITS CLINICAL COMPLICATIONS? (Invited Lecture)
W. Koenig, University of Ulm, Ulm, Germany  

11:00  AN UNAPPRECIATED ROLE FOR UBIQUITIN LIGASES IN EXPERIMENTAL CARDIAC HYPERTROPHY (Invited Lecture)
C. Patterson, University of North Carolina, Chapel Hill, NC, USA

11:15  RENIN INHIBITION: A NOVEL APPROACH TO BLOOD PRESSURE CONTROL AND ORGAN PROTECTION (Invited Lecture)
A.H.J. Danser, Erasmus Medical Center, Rotterdam, The Netherlands

11:30  CORONARY MICROVASCULAR REGULATION BY ANGIOTENSIN II: PATHOPHYSIOLOGICAL IMPLICATIONS (Invited Lecture)
L. Kuo, T.W. Hein, Texas A&M Health Science Center, Temple, TX, USA

11:45  INHIBITING MALONYL COA DECARBOXYLASE AS AN APPROACH TO TREATING ISCHEMIC HEART DISEASE (Invited Lecture)
G.D. Lopaschuk, University of Alberta, Edmonton, AB, Canada

12:00  CARDIOPROTECTIVE ROLE OF SODIUM THIOSULFATE ON CHRONIC HEART FAILURE BY MODULATING ENDOGENOUS H2S GENERATION (Invited Lecture)
S.C. Tyagi, University of Louisville, Louisville, KY, USA

12:15  ROLE OF SARCOPLASMIC RETICULUM IN INCREASING INTRACELLULAR CA2+ DUE TO NA+-K+ ATPASE INHIBITION BY OUABAIN (Invited Lecture)
H.K. Saini-Chohan, N.S. Dhalla, University of Manitoba, Winnipeg, MB, Canada

12:30  FINDING AND VALIDATING NEW TARGETS FOR HEART FAILURE TREATMENT (Invited Lecture)
B.C. Blaxall, University of Rochester Medical Center, Rochester, NY, USA

12:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 27, 2008

10:45 – 13:00  Hall B

PL: 02  Plenary Session
WHAT’S NEW IN CARDIOMYOPATHIES

Chairpersons:  
K. Chatterjee, San Francisco, CA, USA  
M.A. Rossi, Ribeirao Preto, SP, Brazil

Abstract No.

10:45  THE ROLE OF THE INNATE IMMUNE RESPONSE IN PROTECTING AGAINST INFECTION OF THE HEART (Invited Lecture)  
N.E. Bowles, G. Vallejo, University of Utah, Salt Lake City, UT, USA  

11:00  VINCristine protects Cardiomyocytes from Doxorubicin Toxicity (Invited Lecture)  
K. Chatterjee, J. Zhang, R. Tao, N. Honbo, J.S. Karliner  
UCSF School of Medicine, San Francisco, CA, USA  

11:15  Cardiovascular Effects of Chronic, Subclinical Exposure to Lipopolysaccharide (Invited Lecture)  
W.Y.W. Lew, University of California, San Diego, CA, USA  

11:30  SEPSIS AND THE HEART (Invited Lecture)  
M.A. Rossi, M.R. Celes, D. Torres-Duena, E.C. Campos, C.M. Prado, F.Q. Cunha, University of Sao Paulo, Ribeirao Preto, SP, Brazil  

11:45  A Unique Clinical, Genetic and Morphological Features in Human Mitochondrial Cardiomyopathy (Invited Lecture)  
T. Toyo-Oka, H. Hatakeyama, S. Kostin, J. Schaper, Tohoku University, Sendai, Japan  

12:00  Obesity and Congestive Heart Failure (Invited Lecture)  
M.A. Alpert, University of Missouri, Columbia, MO, USA  

12:15  Dilated Cardiomyopathy: Various Etiologies and Outcome (Invited Lecture)  
N.N. Kipshidze, National Center of Therapy, Tbilisi, Georgia  

12:30  Anemia in Heart Failure (Invited Lecture)  
J.N. Nanas, University of Athens, Athens, Greece  

12:45  Tako-Tsubo Cardiomyopathy (Invited Lecture)  
S.N. Koulouris, Evangelismos Hospital, Athens, Greece  

13:00  Lunch Break, Visit Posters and Exhibition
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45</td>
<td>S21</td>
<td>INTRAGRAFT ADMINISTRATION OF ABCIXIMAB AND VERAPAMIL COMBINED WITH DIRECT STENTING PREVENTS SLOW-FLOW AND NO-REFLOW PHENOMENON IN SAPHENOUS VEIN GRAFT PERCUTANEOUS CORONARY INTERVENTION</td>
<td>S. Sharma, J.A. Lardizabal, A. Antonescu, B. Bhambi, W. Nyitray, K. Desai, T. Ishimori, Bakersfield Heart Hospital, Central Cardiology, Bakersfield, CA, USA</td>
<td>Tuscon, AZ, USA</td>
</tr>
<tr>
<td>11:00</td>
<td>S21</td>
<td>EARLY INVASIVE THERAPY VERSUS CONSERVATIVE MANAGEMENT IN ACUTE CORONARY SYNDROMES: A LONG-TERM ANALYSIS</td>
<td>D.J. Kumbhani, A.A. Bavry, A.N. Rassi, D.L. Bhatt, A.T. Askari, Cleveland Clinic, Cleveland, OH, USA</td>
<td>Jerusalem, Israel</td>
</tr>
<tr>
<td>11:15</td>
<td>S21</td>
<td>THE PREDICTOR AND PREDICTIVE VALUE ASSOCIATED WITH DISTAL EMBOLIZATION FOR THE PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION - VIRTUAL HISTOLOGY INTRAVASCULAR ULTRASOUND STUDY</td>
<td>R. Kawaguchi, S. Oshima, H. Hoshizaki, K. Taniguchi, Gunma Prefectural Cardiovascular Center, Maebashi, Japan</td>
<td></td>
</tr>
<tr>
<td>11:45</td>
<td>S21</td>
<td>ADP-INDUCED PLATELET AGGREGATION FREQUENTLY FAILS TO DETECT IMPAIRED CLOPIDOGREL-RESPONSIVENESS IN PATIENTS WITH CORONARY ARTERY DISEASE COMPARED TO A P2Y12-SPECIFIC ASSAY – INFLUENCE OF LOW HDL</td>
<td>A. Schaefer, S. Weinberger, G. Ertl, J. Bauersachs, University of Wuerzburg, Wuerzburg, Germany</td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>S21</td>
<td>MECHANISM OF THE REDUCED ASPIRIN ACTION IN PATIENTS AFTER CORONARY ARTERY BY-PASS SURGERY</td>
<td>T. Mattiello, R. Guerriero, L.V. Lotti, E. Trifiro, B. Pucci, P. Gazzaniga, F. Caporuscio, C. Gaudio, L. Frati, F.M. Pulcinelli, Sapienza University of Rome, Rome, Italy</td>
<td></td>
</tr>
<tr>
<td>12:15</td>
<td>S21</td>
<td>BACKWARDS INTO THE FUTURE OF MYOCARDIAL REGENERATION</td>
<td>W. Mohl, D. Milasinovic, S. Mina, B. Syeda, G. Weigel, H. Kasahara, K. Komamura, G. Heinze, Medical University of Vienna, Vienna, Austria</td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td>S21</td>
<td>CLINICAL UTILITY OF GLUCOSE-INSULIN-POTASSIUM INFUSION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION: A POOLED META-ANALYSIS OF RANDOMIZED CONTROLLED CLINICAL TRIALS</td>
<td>S.A. Saha, S. Katragadda, J. Molnar, R.R. Arora, Sacred Heart Medical Center, Spokane, WA, USA</td>
<td></td>
</tr>
</tbody>
</table>
Abstract No.

12:45 PATIENTS WITH ISCHEMIC STROKE, INTRACRANIAL HEMORRHAGE, AND SUBARACHNOID HEMORRHAGE WITH INCREASED TROPONIN I LEVELS HAVE INCREASED HOSPITAL MORTALITY

13:00 TRANSIENT AND PERSISTENT WORSENING RENAL FUNCTION IN SURVIVORS OF ACUTE MYOCARDIAL INFARCTION TREATED WITH PRIMARY ANGIOPLASTY
A. Goldberg, H. Hammerman, R. Beyar, M. Kapeliovich, W. Markiewicz, A. Roguin, D. Aronson, Sieff Government Hospital, Safed, Israel, Cardiology

13:15 INCREASING TRENDS OF ACUTE MYOCARDIAL INFARCTION IN SPAIN: THE MONICA-CATALONIA PROJECT
S. Sans, A. Puigdefabregas, G. Paluzie, D. Monterde, I. Balaguer-Vintro, Institute of Health Studies, Barcelona, Spain

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 27, 2008

10:45 – 13:00  Hall D

S22  Session
ATHEROSCLEROSIS: PRIMARY PREVENTION, HYPERTENSION, DIABETES MELLITUS, OBESITY, METABOLIC SYNDROME
Chairpersons:  S.S. Franklin, Irvine, CA, USA
D. Polk, Los Angeles, CA, USA

Abstract No.

10:45  STATIN PLUS CHOLESTEROL ABSORPTION INHIBITION GIVES GREATER LDL

11:00  THE PRESENCE OF OBESITY IS STRONGLY ASSOCIATED WITH ESSENTIAL HYPERTENSION
M.R. Movahed, M. Jamal, M. Hashemzadeh, University of Arizona Sarver Heart Center, Southern Arizona VA Health Care System, Tucson, AZ, USA

11:15  IMPACT OF OBESITY ON MEASURES OF MORBIDITY AND MORTALITY IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING
M. Alam, S.S. Virani, V. Nambi, V. Lee, M. Elayda, J.M. Wilson, C.M. Ballantyne, Baylor College of Medicine, Houston, Texas, USA

11:30  EFFECT OF REDUCTION OF IRON STORES ON VASCULAR AND CANCER OUTCOMES IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE (PAD): VA COOPERATIVE STUDY #410, THE IRON AND ATHEROSCLEROSIS STUDY (FEAST)
L.R. Zacharski, B.K. Chow, G. Shamayeva, P.W. Lavori, VA Medical Center, White River Jct., VT, Dartmouth Medical School, Lebanon, NH, USA

11:45  ADMINISTRATION OF GLUCOSE-INSULIN-POTASSIUM INFUSION IN ACUTE MYOCARDIAL INFARCTION DOES NOT REDUCE THE RISK OF CARDIOVASCULAR EVENTS AT ONE YEAR: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
S. Katragadda, S.A. Saha, R. Arora, J. Molnar, St.Vincent Mercy Medical Center, Toledo, OH, USA

12:00  EFFECTS OF RECOMBINANT ACE2 GENE ON OXIDATIVE STRESS LEVELS IN HUMAN ENDOTHELIAL CELLS
J.C. Zhong, X.Y. Yu, Y. Huang, J.Y. Ye, Ningbo University, Ningbo, China

12:15  IMPACT OF COMPUTERIZED DECISION SUPPORT ON BLOOD PRESSURE MANAGEMENT AND CONTROL: A RANDOMIZED CONTROLLED TRIAL
L.S. Hicks, T. D. Sequist, J.Z. Ayanian, S. Shaykevich, D.F. Fairchild, E.J. Orav, D.W. Bates, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

12:30  ALDOSTERONE-TO-RENIN RATIO, INDEPENDENTLY PREDICTS BLOOD PRESSURE IN A POPULATION OF AFRICAN ANCESTRY

12:45  OVERALL NUTRITIONAL QUALITY INDEX (ONQI): A CONSUMER GUIDANCE SYSTEM
D.L. Katz, V.Y. Nijke, Z. Faridi, L.Q. Rhee, K-T. Ayoob, Yale School of Medicine, Derby, CT, USA

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>039</td>
<td>AFRICAN AMERICAN HAVE HIGHER PREVALENCE OF ABNORMAL ECG DOCUMENTED DURING SCREENING ECHOCARDIOGRAPHY</td>
<td>M.R. Movahed, S. Bates, A. Martinez, S. Sattur</td>
<td>Southern Arizona VA Health Care System, University of Arizona, Tucson, AZ, USA</td>
</tr>
<tr>
<td>2</td>
<td>040</td>
<td>INDEPENDENT ASSOCIATION BETWEEN LEFT ATRIAL ENLARGEMENT AND ALL CAUSE MORTALITY</td>
<td>C. Manrique, A. Martinez, M.A. Rahman, H.A. Guima, M.R. Movahed,</td>
<td>University of Arizona, AZ, USA</td>
</tr>
<tr>
<td>3</td>
<td>041</td>
<td>SLEEP APNEA IS A LEADING CAUSE OF DIASTOLIC DYSFUNCTION</td>
<td>A.Q. Chan, E.L. Lua, M.P. Chan</td>
<td>Stanford University, Stanford, Chanwell Clinic, San Jose, CA, USA</td>
</tr>
<tr>
<td>4</td>
<td>042</td>
<td>ATRIO-VENTRICULAR MECHANICAL FUNCTION OF THE RIGHT SIDE OF THE HEART</td>
<td>A. Lopez-Candales, K. Edelman, B. Gulyasy, R. Bazaz</td>
<td>University of Pittsburgh, PA, USA</td>
</tr>
<tr>
<td>5</td>
<td>043</td>
<td>IMPACT OF BALLOON MITRAL VALVULOPLASTY (BMV) ON RIGHT VENTRICULAR FUNCTION AS ASSESSED BY STRAIN (S) AND STRAIN RATE IMAGING (SR): A TISSUE DOPPLER STUDY</td>
<td>M.I. Ahmed, O.A. Rifaei, M.T. Fahim</td>
<td>Ain Shams University, Cairo, Egypt</td>
</tr>
<tr>
<td>6</td>
<td>044</td>
<td>ELECTROCARDIOGRAM, RESTING ECHOCARDIOGRAPHY, STRESS ECHOCARDIOGRAPHY IN PROFESSIONAL BASKETBALL PLAYERS</td>
<td>K.K. Yeo, W.J. Bommer</td>
<td>UC Davis Medical Center, Sacramento, CA, USA</td>
</tr>
<tr>
<td>7</td>
<td>045</td>
<td>CHALLENGE IN ECHOCARDIOGRAPHIC DIAGNOSIS OF COMPLEX FORMS OF TOTAL ANOMALOUS PULMONARY VENOUS CONNECTION</td>
<td>E.S. Sinkovskaya, E.V. Kholmanskaya, V.V. Plakhova, A.V. Sobolev, V.N. Makarenko, L.A. Bockeria</td>
<td>Bakoulev Center for Cardiovascular Surgery, Moscow, Russia</td>
</tr>
<tr>
<td>8</td>
<td>046</td>
<td>ECHOCARDIOGRAPHY IN NORMAL PREGNANCY: THE MAYO EXPERIENCE</td>
<td>G. Kumar, S.N. Hayes</td>
<td>Mayo Clinic, Rochester, MN, USA</td>
</tr>
<tr>
<td>9</td>
<td>047</td>
<td>3D - TRICUSPID LEAFLET TETHERING AREA ASSESSED BY 3D ECHOCARDIOGRAPHY AS A FOLLOW UP PARAMETER OF PULMONARY HYPERTENSION</td>
<td>I.A. Grapsa, D. Dawson, P. Nihoyannopoulos</td>
<td>Hammersmith Hospital, Imperial College of London, London, UK</td>
</tr>
</tbody>
</table>
### POS 102 Poster Session
**MOLECULAR CARDIOLOGY, BASIC RESEARCH**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>048</td>
</tr>
<tr>
<td>11</td>
<td>049</td>
</tr>
</tbody>
</table>

#### Board 10

**ORAL ADMINISTRATION OF AMINO ACIDIC SUPPLEMENTS IMPROVE PROTEIN AND ENERGY PROFILES IN SKELETAL MUSCLE OF AGED RATS, ELONGATING FUNCTIONAL PERFORMANCE AND ACCELERATING MITOCHONDRIAL RECOVERY IN ATP FOLLOWING EXHAUSTIVE EXERTION**

J.D. Rezze, C. Chen-Scarabelli, Z. Yuan, E. Kuizon, G.M. Scarabelli, G. Spears, L. Saravolatz, **T.M. Scarabelli**, Wayne State University, Detroit, MI, USA

#### Board 11

**DIFFERENTIAL MODULATION OF STAT1 AND STAT3 ACTIVATION BY ORAL AMINO ACID SUPPLEMENTATION IN THE ISCHEMIC/REPERFUSED RAT MYOCARDIUM**

J.D. Rezze, C. Chen-Scarabelli, Z. Yuan, E. Kuizon, G.M. Scarabelli, G. Spears, L. Saravolatz, **T.M. Scarabelli**, Wayne State University, Detroit, MI, USA

### POS 103 Poster Session
**BIOCHEMICAL MARKERS OF ACUTE ISCHEMIA**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>050</td>
</tr>
<tr>
<td>13</td>
<td>051</td>
</tr>
<tr>
<td>14</td>
<td>052</td>
</tr>
<tr>
<td>15</td>
<td>053</td>
</tr>
</tbody>
</table>

#### Board 12

**USEFULNESS OF PREPROCEDURAL N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE IN PREDICTING ANGIOGRAPHIC NO-REFLOW PHENOMENON DURING STENT IMPLANTATION IN PATIENTS WITH ST-SEGMENT ELEVATION ACUTE MYOCARDIAL INFARCTION**

Y. Ahn, S.N. Hong, N.S. Yoon, K.H. Kim, Y.J. Hong, H.W. Park, J.H. Kim, M.H. Jeong, J.G. Cho, J.C. Park, Chonnam National University Hospital, Gwangju, South Korea

#### Board 13

**ELEVATION OF SERUM CREATINE PHOSPHOKINASE IN MEDICAL INPATIENTS**

S.X. Chen, K.A. Amir, R.K. Bobba, E.L. Arsura, Richmond University, Staten Island, NY, USA

#### Board 14

**USEFULNESS OF SERUM N-TERMINAL PRO–BRAIN NATRIURETIC PEPTIDE TO PREDICT IN-STENT RESTENOSIS IN PATIENTS WITH PRESERVED LEFT VENTRICULAR FUNCTION AND NORMAL TROPONIN I LEVELS**

Y. Ahn, S.N. Hong, N.S. Yoon, K.H. Kim, H.W. Park, Y.J. Hong, J.H. Kim, M.H. Jeong, J.G. Cho, J.C. Park, Chonnam National University Hospital, Gwangju, South Korea

#### Board 15

**SIGNIFICANCE OF ELEVATED TROPONIN-I LEVEL IN ENDSTAGE RENAL DISEASE**

J. Havill, E. Iheukamere, S. Kupershtokh, S. Grossman, F. Ebrahimi, Richmond University, Staten Island, NY, USA
POS 104  Poster Session  
THE PLAQUE AND ACUTE CORONARY SYNDROMES

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>054</td>
</tr>
<tr>
<td>17</td>
<td>055</td>
</tr>
<tr>
<td>18</td>
<td>056</td>
</tr>
<tr>
<td>19</td>
<td>057</td>
</tr>
<tr>
<td>20</td>
<td>058</td>
</tr>
</tbody>
</table>

POS 105  Poster Session  
ACUTE MYOCARDIAL INFARCTION: THROMBOLYSIS AND REPERFUSION

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>059</td>
</tr>
<tr>
<td>22</td>
<td>060</td>
</tr>
<tr>
<td>23</td>
<td>061</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
</tr>
</tbody>
</table>
| 24       | 062          | THE RELATIONSHIP BETWEEN CORONARY MICROCIRCULATORY REACTIVITY AND THE EXTENT OF NECROSIS IN THE INFARCTED AND REMOTE MYOCARDIUM  
**J.H. Koh**, M.Y. Kim, J.H. Kim, Kwandong University, Gyeonggi, Goyang, South Korea |
| 25       | 063          | PROGNOSTIC VALUE OF SELECTED PRESENTING FEATURES OF ACUTE CORONARY SYNDROME IN PREDICTING IN-HOSPITAL ADVERSE EVENTS  
**N. Chaowalit**, T. Yipintsoi, D. Tresukosol, R. Kanjanavanit, S. Kiatchoosakun, Siriraj Hospital, Mahidol University, Bangkok, Thailand |
| 26       | 064          | A YEARLONG TRACKING OF NON ISOLATED RIGHT VENTRICLE MYOCARDIAL INFARCTION IN CORONARY CARE UNIT  
**Z. Pekmezovic**, M. Mate, HC "Juzni Banat" Pancevo, Serbia |

**POS 106** Poster Session  
**DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
</tr>
</thead>
</table>
| 27       | 065          | ISOPROTERENOL INDUCES PRIMARY LOSS OF DYSTROPHIN IN RAT HEARTS: CORRELATION WITH MYOCARDIAL INJURY  
**E.C. Campos**, M.M. Romano, C.M. Prado, M.R. Celes, **M.A. Rossi**, University of Sao Paulo, Sao Paulo, Brazil |
| 28       | 066          | TEI INDEX AND SPECTRUM OF DIASTOLIC ABNORMALITIES IN TAKOTSUBO CARDIOMYOPATHY  
**A. Mathew**, M. Kizilbash, D. Bhandare, L. Afonso, Wayne State University, Detroit, MI, USA |

**POS 107** Poster Session  
**RENAAL ASPECTS – DIURETICS**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
</tr>
</thead>
</table>
| 29       | 067          | HEMODYNAMIC RESPONSE TO EXERCISE PREDICTS THE DEVELOPMENT OF SEVERE RENAL FAILURE  
**A.R. Khoshdel**, S.L. Carney, AUMS, Tehran, Iran |
| 30       | 068          | PREVALENCE AND PREDICTORS OF RENAL ARTERY STENOSIS IN PATIENTS UNDERGOING CORONARY ANGIOGRAPHY  
**M. Ghasemi**, B. Broumand, L.M. Fard, Research Center of Endovascular Intervention, Tehran, Iran |

**POS 108** Poster Session  
**SUDDEN DEATH**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
</tr>
</thead>
</table>
| 31       | 069          | AUTOMATED EXTERNAL CARDIOVERSION DEFIBRILLATION MONITORING IN TELEMETRY PATIENTS  
**B. Ali**, H.L. Bloom, E. Veledar, D. House, R. Norvel, S.C. Dudley, A.M. Zafari, Atlanta Veterans Affairs Medical Center, Decatur, Emory University, Atlanta, GA, USA |
**POS 108 (cont.) Poster Hall**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>070</td>
</tr>
<tr>
<td>CLUSTERIZATION OF THE RELATIONSHIP BETWEEN SYMPATHETIC AND PARASYMPATHETIC ACTIVITY BY HEART RATE VARIABILITY ANALYSIS FOR RISK STRATIFICATION OF SUDDEN CARDIAC DEATH</td>
<td>A. Riftine, Heart Rate Variability Institute, Edison, NJ, USA</td>
</tr>
</tbody>
</table>

**POS 109 Poster Session**

**ELECTROPHYSIOLOGIC TECHNIQUES OF MAPPING AND RADIOFREQUENCY ABLATION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>072</td>
</tr>
<tr>
<td>LEFT-SIDED ACCESSORY PATHWAY ABLATION THROUGH THE CORONARY SINUS IN YOUNG PATIENTS</td>
<td>H.R. Singh, P.P. Karpawich, Children's Hospital of Michigan, Detroit, MI, USA</td>
</tr>
<tr>
<td>35</td>
<td>073</td>
</tr>
<tr>
<td>LEUKOCYTOSIS POST ATRIAL FIBRILLATION ABLATION - IS THERE A REASON TO WORRY?</td>
<td>M. Biria, C. Annapureddy, J. Pillarisetti, E. Baryun, L. Berenbom, R. Pimentel, S. Vanga, D. Newton, M. Emert, D. Lakkireddy, R. Pase-Sosland, University of Kansas Hospital, Kansas City, KS, USA</td>
</tr>
<tr>
<td>36</td>
<td>074</td>
</tr>
<tr>
<td>CONTINUOUS CATHETER IMPEDANCE MEASUREMENTS GUIDES ABLATION OF ATRIOVENTRICULAR NODAL REENTRANT TACHYCARDIA</td>
<td>S.J. Pollak, G. Monir, Florida Heart Institute, Orlando, FL, USA</td>
</tr>
</tbody>
</table>

**POS 110 Poster Session**

**INTERVENTIONAL CARDIOLOGY I**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td>075</td>
</tr>
<tr>
<td>DO WE NEED PROTECTION DEVICES FOR ANY PERIPHERAL ANGIoplasty?</td>
<td>M. Henry, A. Polydorou, I. Henry, M. Hugel, Cabinet de Cardiologie, Nancy, France</td>
</tr>
<tr>
<td>38</td>
<td>076</td>
</tr>
<tr>
<td>NEW DISTAL EMBOLIC PROTECTION DEVICE USING A 3 DIMENSIONAL FILTER: FIBERNET FIRST HUMAN STUDY</td>
<td>M. Henry, A. Polydorou, Ad. Polydorou, M. Hugel, Cabinet de Cardiologie, Nancy, France</td>
</tr>
<tr>
<td>39</td>
<td>077</td>
</tr>
<tr>
<td>REDUCED MORTALITY IN HIGH RISK PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION WITH DRUG-ELUTING STENTS</td>
<td>A. Varma, A. Nusca, D.L. Appleton, M.J. Lipinski, E. Goudreau, M.J. Cowley, M. Wittkamp, A. Abbate, G.W. Vetrovec, Virginia Commonwealth University Pauley Heart Center, Richmond, VA, USA</td>
</tr>
<tr>
<td>40</td>
<td>078</td>
</tr>
<tr>
<td>ANATOMIC VARIABLES THAT DETERMINE ENDOVASCULAR STENT SIZE WHEN TREATING ABDOMINAL AORTIC ANEURYSMS</td>
<td>M. Kilian, W. Dang, C. Cina, McMaster University, Hamilton, ON, Canada</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>41</td>
<td>079</td>
</tr>
<tr>
<td>42</td>
<td>080</td>
</tr>
<tr>
<td>43</td>
<td>081</td>
</tr>
<tr>
<td>44</td>
<td>082</td>
</tr>
<tr>
<td>45</td>
<td>083</td>
</tr>
<tr>
<td>46</td>
<td></td>
</tr>
</tbody>
</table>
PL: 03  Plenary Session
ARRHYTHMIA AND ELECTROPHYSIOLOGY/ CARDIAC PACING AND
DEFIBRILLATION/CARDIAC RESYNCHRONIZATION THERAPY

Chairpersons:  M.E. Cain, Buffalo, NY, USA
S.F. Nagueh, Houston, TX, USA

14:00 ROLE OF PSYCHOLOGICAL FACTORS IN TRIGGERING OF  
ARRHYTHMIAS (Invited Lecture) 084
R. Lampert, Yale School of Medicine, New Haven, CT, USA

14:15 IMPACT OF NONINVASIVE TESTING ON IMPROVING  
IDENTIFICATION OF PATIENTS VULNERABLE TO SUSTAINED  
VENTRICULAR ARRHYTHMIAS (Invited Lecture) 085
M.E. Cain, University at Buffalo, Buffalo, NY, USA

14:30 CARDIAC RESYNCHRONIZATION THERAPY IN HEART FAILURE  
PATIENTS: HOW TO PREDICT RESPONDERS (Invited Lecture) 086
M.H. Pitzalis, East Carolina University, Greenville, NC, USA

14:45 DYSSYNCHRONY IN DIASTOLIC HEART FAILURE (Invited Lecture) 087
S.F. Nagueh, Methodist De Bakery Heart and Vascular Institute,  
Houston, TX, USA

15:00 HOW TO SELECT THE APPROPRIATE CANDIDATES FOR CARDIAC  
RESYNCHRONIZATION THERAPY (Invited Lecture) 088
M. Haghjoo, Iran University of Medical Sciences, Tehran, Iran

15:15 PSYCHOSOCIAL ADAPTATION AND QUALITY-OF-LIFE IN PATIENTS  
WITH PACEMAKERS AND IMPLANTABLE DEFIBRILLATORS  
(Invited Lecture) 089
F. Duru, University Hospital of Zurich, Zurich, Switzerland

15:30 CLINICAL CHARACTERISTICS AND RISK STRATIFICATION IN  
BRUGADA SYNDROME (Invited Lecture) 090
M. Takagi, Y. Sekiguchi, Y. Yokoyama, N. Aihara, K. Aonuma, M. Hiraoka,  
Osaka City University, Osaka, Japan

15:45 AN ATHLETE’S HEART MAY HARBOUR PROARRHYTHMIC  
CHANGES (Invited Lecture) 091
H. Heidbuchel, University of Leuven, Leuven, Belgium

16:00 LONG QT SYNDROME: SHOULD AN ICD BE USED?  
(Invited Lecture) 092
J.P. Daubert, University of Rochester Medical Center, Rochester, NY, USA

16:15 UPDATE IN SYNCOPE MANAGEMENT: APPLICATIONS OF THE  
NEW GUIDELINES (Invited Lecture) 093
D. Flammang, La Croix Rousse University Hospital, Lyon, France

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
### PL: 04  Plenary Session

**NEW DEVELOPMENTS IN CARDIAC IMAGING**

Chairpersons:  
**J.N. Bella,** Bronx, NY, USA  
**R. Krittayaphong,** Bangkok, Thailand

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>CLINICAL APPLICATION OF 3D ECHO (Invited Lecture)</td>
<td><strong>T. Shiota,</strong> The Cleveland Clinic Foundation, Cleveland, OH, USA</td>
</tr>
<tr>
<td>14:15</td>
<td>ATHEROSCLEROSIS IMAGING: A CT/MR PERSPECTIVE (Invited Lecture)</td>
<td><strong>S. Rajagopalan,</strong> Ohio State University, Columbus, OH, USA</td>
</tr>
<tr>
<td>14:30</td>
<td>DIAGNOSTIC AND PROGNOSTIC VALUE OF ECG CRITERIA FOR MYOCARDIAL INFARCTION IN COMPARISON WITH DELAYED-ENHANCEMENT MAGNETIC RESONANCE IMAGING (Invited Lecture)</td>
<td><strong>R. Krittayaphong,</strong> Siriraj Hospital, Mahidol University, Bangkok, Thailand</td>
</tr>
<tr>
<td>14:45</td>
<td>RISK STRATIFICATION WITH STRESS ECHOCARDIOGRAPHY (Invited Lecture)</td>
<td><strong>A. Elhendy,</strong> Marshfield, WI, USA</td>
</tr>
<tr>
<td>15:00</td>
<td>ASSESSMENT OF LEFT VENTRICULAR TORSION BY ECHOCARDIOGRAPHY: IS IT TIME TO DO THE TWIST? (Invited Lecture)</td>
<td><strong>J.N. Bella,</strong> Bronx-Lebanon Hospital Center, Albert Einstein College of Medicine, Bronx, NY, USA</td>
</tr>
<tr>
<td>15:15</td>
<td>PROGNOSTIC VALUE OF CARDIOVASCULAR MAGNETIC RESONANCE IMAGING IN PATIENTS WITH ISCHEMIC HEART DISEASE (Invited Lecture)</td>
<td><strong>V. Bodi,</strong> Hospital Clinico Universitario, Valencia, Spain</td>
</tr>
<tr>
<td>15:30</td>
<td>NEW ASPECTS OF ULTRASOUND CONTRAST IN CARDIOLOGY (Invited Lecture)</td>
<td><strong>A.H. Jansen,</strong> Canisius Wilhelmina Hospital, Nijmegen, The Netherlands</td>
</tr>
<tr>
<td>15:45</td>
<td>NON-INVASIVE ASSESSMENT OF VASCULAR LOAD AND VENTRICULAR-VASCULAR COUPLING: A FOCUS ON ECHOCARDIOGRAPHY (Invited Lecture)</td>
<td><strong>J.A. Chirinos,</strong> University of Pennsylvania, VA Medical Center, Philadelphia, PA, USA</td>
</tr>
<tr>
<td>16:00</td>
<td>COMPARISON OF CARDIAC MDCT AND TEE IN DETECTING HIGH RISK EMBOLIC SOURCES</td>
<td><strong>S.B. Ko,</strong> Y. Ko, J.H. Park, S.I Choi, EJ Chun, S.J Lee, M.K Han, <strong>H.J. Bae,</strong> Seoul National University Bundang Hospital, Seongnam-si, Gyeonggi-do, Korea</td>
</tr>
<tr>
<td>16:15</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
<td></td>
</tr>
</tbody>
</table>
S23  Session
SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

Chairpersons:  Y. Birnbaum, Galveston, TX, USA
C.J. Chen, Houston, TX, USA

Abstract No.

14:00  OMEGA-3-ACID ETHYL ESTERS REDUCES SMALL DENSE LOW DENSITY LIPOPROTEINS REGARDLESS OF THE BASELINE LIPID PROFILE
S.M. Attia, K.H. Nader, Tanta University, Tanta, Egypt

14:15  INADEQUATE ATTAINMENT OF RECOMMENDED LIPID LEVELS IN TREATED PATIENTS
G.A. Nichols, B.M. Ambegaonkar, V. Sazonov, J.B. Brown, Kaiser Permanente Center for Health Research, Portland, OR, USA

14:30  ATERONON: FIRST CLINICALLY PROVEN ANTI-ATHEROGENIC ANTIOXIDANT
I.M. Petyaev, N.E. Chalyk, Cambridge Theranostics Ltd., Cambridge, UK

14:45  PROGNOSTIC SIGNIFICANCE OF INCIDENT COMPLETE LEFT BUNDLE BLOCK OBSERVED OVER A 40-YEAR PERIOD
S. Seto, R. Imanishi, S. Ichimaru, E. Nakashima, M. Akahoshi, Nagasaki University, Nagasaki, Japan

15:00  IMPAIRED GLUCOSE TOLERANCE STRONGLY AND SIGNIFICANTLY INCREASES THE RISK OF FUTURE VASCULAR EVENTS IN ANGIOGRAPHIED CORONARY PATIENTS

15:15  A SIMPLE PROGNOSTIC CLASSIFICATION MODEL FOR POST-PROCEDURAL COMPLICATIONS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE MYOCARDIAL INFARCTION: RESULT BASED ON NEW YORK STATE PERCUTANEOUS CORONARY INTERVENTION DATABASE
A. Negassa, Albert Einstein College of Medicine, New York, USA

15:30  EFFECT OF ONCE WEEKLY ROSUVASTATIN ON LDL-C IN PATIENTS WITH PRIOR STATIN INTOLERANCE
J.M. Backes, J.F. Ruisinger, C.A. Gibson, P.M. Moriarty, Kansas University Medical Center (KUMC), Kansas City, KS, USA

15:45  HDL MORE THAN LDL: AN ACHIEVABLE GOAL
K.J. Reddy, J.R. Bangit, A.Z. Khan, M.S. Zaheer, Reddy Cardiac Wellness, Sugar Land, TX, USA

16:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
14:00 – 17:00  Hall D

S24  VASCULAR BIOLOGY, BASIC RESEARCH

Chairpersons:  S.B. Wheatcroft, Leeds, UK
P.K. Singal, Winnipeg, MB, Canada

14:00  OVEREXPRESSION OF CU/ZN-SUPEROXIDE DISMUTASE AND/OR CATALASE REDUCES BENZO (A)PYRENE-INDUCED ATHEROSCLEROSIS IN APOLIPOPROTEIN E-DEFICIENT MICE
Z. Guo, Meharry Medical College, TN, USA

14:15  THE ANGIOPOIETIN 1 +1602 A/T POLYMORPHISM ATTENUATES MICRORNA BINDING AND INCREASES RISK OF HEMORRHAGIC STROKE
T. Yang, J. Chen, S. Yi, K. Sun, R.T. Hui, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China

14:30  THE CX3C CHEMOKINE FRACTALKINE ENHANCES VASCULAR DYSFUNCTION AND AGGRAVATES PLATELET ACTIVATION IN RATS WITH CHRONIC HEART FAILURE
A. Schaefer, C. Schulz, D. Fraccarollo, C. Schoepp, J.P. Frang, G. Ertl, S. Massberg, J. Bauersachs, University of Wuerzburg, Wuerzburg, Germany

14:45  CD40L IS UP-REGULATED BY TUMOR NECROSIS FACTOR IN PATIENTS WITH HEART FAILURE
P. Pignatelli, F. Violi, University of Rome La Sapienza, Rome, Italy

15:00  APOLIPOPROTEIN E-DEFICIENT LIPOPROTEINS INDUCE FOAM CELL FORMATION BY ACTIVATION OF UNFOLDED PROTEIN RESPONSES
H. Yang, Z. Guo, Meharry Medical College, TN, USA

15:15  THE EFFECTS OF RIVAROXABAN – AN ORAL, DIRECT FACTOR XI INHIBITOR – ON CLOT STRUCTURE AND DEGRADABILITY

15:30  DIFFERENCES BETWEEN NEW AND CLASSIC INTRAVENOUS IRON PREPARATIONS ON CARDIOVASCULAR TOXICITY IN NORMAL RATS
J.E. Toblli, G. Cao, L. Oliveri, M. Angerosa, Hospital Alemán, Buenos Aires, Argentina

15:45  SYSTEMIC AND REGIONAL HEMODYNAMICS OF HYPOXIC PIGLETS TREATED WITH N⁵-MONOMETHYL-L-ARGININE AFTER RESUSCITATION
T.F. Lee, C. Tymafichuk, P.Y. Cheung, University of Alberta, Edmonton, AB, Canada, Beijing, China
<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>ORAL L-ARGININE IS A REPAIRMAN BUT NOT AN ENHANCER OF ENDOTHELIAL FUNCTION: SYSTEMATIC REVIEW AND META-ANALYSIS Y.Y. Bai, L. Sun, T. Yang, K. Sun, J.Z. Chen, R.T. Hui, Chinese Academy of Medical Sciences, Peking Union Medical College,</td>
</tr>
<tr>
<td>16:30</td>
<td>INTERLEUKIN-18 (IL-18), ENDOTHELIN-1 AND ALDOSTERONE INDUCE SMOOTH MUSCLE SENESCENCE VIA RHO-KINASE- AND PPAR- DEPENDENT PATHWAY T. Akagami, T. Sakoda, T. Doi, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi, Hyogo College of Medicine, Hyogo Japan</td>
</tr>
<tr>
<td>16:45</td>
<td>CHLAMYDIA INFECTION IN CARDIOVASCULAR PATHOLOGY: SEQUEL II I.M. Petyaev, N.A. Zigangirova, Cambridge Theranostics Ltd., Cambridge, UK</td>
</tr>
<tr>
<td>17:00</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
</tr>
</tbody>
</table>
SUNDAY, JULY 27, 2008

16:45 – 19:15  Hall A

PL: 05  Plenary Session
THE RELEVANCE OF GENETICS IN PROVIDING AN UNDERSTANDING OF CARDIOVASCULAR DISEASES

Chairpersons: H. Boudoulas, Athens, Greece
              K. Maiese, Detroit, MI, USA

Abstract No.

16:45  GENETICS OF CORONARY ARTERY DISEASE IN FAMILIES (Invited Lecture)
L.C. Becker, D.M. Becker, Johns Hopkins University, Baltimore, MD, USA

17:00  GENETICS OF MYOCARDIAL INFARCTION (Invited Lecture)  125
R. Roberts, University of Ottawa Heart Institute, Ottawa, ON, Canada

17:15  GETTING TO THE POINT: FORKHEAD TRANSCRIPTION FACTORS IN THE VASCULAR SYSTEM (Invited Lecture)
K. Maiese, Wayne State University, Detroit, MI, USA

17:30  PHARMACOGENETICS AND PHARMACOGENOMICS IN CARDIOLOGY  127
(Invited Lecture)
H. Boudoulas, Biomedical Research Foundation, Ohio State University,
Academy of Athens, Athens, Greece

17:45  GENETICS AND METABOLIC RISK OF ATHEROSCLEROSIS  128
(Invited Lecture)
R.A. Hegele, University of Western Ontario, London, ON, Canada

18:00  IDENTIFICATION OF MI-SUSCEPTIBILITY GENES USING GENOME-WIDE LINKAGE ANALYSIS (Invited Lecture)
M. Yokota, H. Asano, S. Miyata, M. Nakatochi, M. Sukegawa, H. Izawa, Aichi-Gakuin University, Nagoya, Japan

18:15  DE-REGULATED EXPRESSION OF E2F-1 INCREASES BNIP3 AND CELL DEATH OF VENTRICULAR MYOCYTES DURING HYPOXIA
(Invited Lecture)
J. Shaw, N. Yurkova, L.A. Kirshenbaum, St. Boniface General Hospital Research Centre, Winnipeg, MB, Canada

18:30  GENE-TARGETING OF NATRIURETIC PEPTIDE RECEPTOR-A REVEALS ITS ROLE IN CARDIAC HYPERTROPHY (Invited Lecture)
K.N. Pandey, Tulane University, New Orleans, LA, USA

18:45  DNAZYMES IN THE TREATMENT OF CARDIOVASCULAR DISEASE  132
(Invited Lecture)
V.L. Benson, L.M. Khachigian, H.C. Lowe, Concord Repatriation General Hospital, NSW, Australia

19:00  ROLE OF PHOSPHOLIPASE C IN CARDIAC HYPERTROPHY  133
(Invited Lecture)
P.S. Tappia, University of Manitoba, Winnipeg, MB, Canada
SUNDAY, JULY 27, 2008

16:45 – 19:15  Hall B

PL: 06  Plenary Session

MODIFICATION OF RISK FACTORS AND CAD, DYSLIPOPROTEINEMIA, HYPERTENSION, DIABETES MELLITUS AND METABOLIC SYNDROME

Chairpersons:  
G.S. Berenson, New Orleans, LA, USA  
C. Rosendorff, New York, NY, USA

Abstract No.

16:45 A GUIDE TO THE NEW GUIDELINES FOR THE MANAGEMENT OF HYPERTENSION (Invited Lecture)  
C. Rosendorff, Mount Sinai School of Medicine, New York, NY, USA

17:00 METABOLIC SYNDROME IN CHILDHOOD AND ITS IMPACT ON ADULT HEART DISEASE: THE BOGALUSA HEART STUDY (Invited Lecture)  
G.S. Berenson, Tulane University, New Orleans, LA, USA

17:15 PULSE PRESSURE, DIASTOLIC BLOOD PRESSURE AND THE J-CURVE OF CARDIOVASCULAR DISEASE RISK (Invited Lecture)  
S.S. Franklin, University of California, Irvine, CA, USA

17:30 PROTEIN KINASE A REGULATES APOLIPOPROTEIN E SECRETION BY MACROPHAGES (Invited Lecture)  
L. Kritharides, University of Sydney, Sydney, NSW, Australia

17:45 HIV PROTEASE INHIBITOR RITONAVIR INHIBITS CHOLESTEROL EFFLUX FROM HUMAN MACROPHAGE-DERIVED FOAM CELLS (Invited Lecture)  
C. Chen, X. Wang, H. Mu, H. Chai, D. Liao, Q. Yao, Baylor College of Medicine, Houston, TX, USA

18:00 DIETARY STRATEGIES FOR HYPERTENSION PREVENTION: PROGRESS AND PROMISE (Invited Lecture)  
H.D. Sesso, Brigham & Women's Hospital, Boston, MA, USA

18:15 INTENSIVE STATIN THERAPY IN CHD - A REVIEW OF THE EVIDENCE (Invited Lecture)  
K.K. Ray, University of Cambridge, Cambridge, England

18:30 COMBINATION THERAPY IN LIPID MANAGEMENT (Invited Lecture)  
D. Polk, Cedars-Sinai Medical Center, Los Angeles, CA, USA

18:45 RETROSPECTIVE ANALYSIS OF LIPIDS PROFILE IN A CARDIOLOGY PRACTICE (Invited Lecture)  
Y. Charuzi, J. Mirocha, T.W. Lang, Cedars Sinai Medical Center, Los Angeles, CA, USA

19:00 TACKLING THE DIABETIC PLATELET (Invited Lecture)  
D.J. Angiolillo, University of Florida, Jacksonville, FL, USA
S25 Session
ARRHYTHMIAS I: SUDDEN CARDIAC DEATH / IMPLANTABLE ANTIARRHYTHMIC DEVICES / PACING / CRT
Chairpersons: R. Lampert, New Haven, CT, USA
               P. Whittaker, Worcester, MA, USA

16:45 STRONG INDEPENDENT ASSOCIATION BETWEEN TYPE 2 DIABETES MELLITUS AND THIRD DEGREE AV-BLOCK
Abstract No. 145
M.R. Movahed, M. Hashemzadeh, Southern Arizona VA Health Care System, University of Arizona, Tucson, AZ, USA

17:00 HIGH INCIDENCE OF RADIOTHERAPY-INDUCED MALFUNCTION OF PERMANENT PACEMAKERS AND ICDS: A SINGLE CENTER EXPERIENCE
Abstract No. 146
D.W. Ng, F.J. Tondato, G.A. Ezzell, D. Sorajja, E. Wissner, K. Srivathsan, G.T. Altemose, M.Y. Halyard, L.R. Scott, Mayo Clinic Arizona, Scottsdale, AZ, USA

17:15 PRECORDIAL T-PEAK DISPERSION IS GREATER IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK THAN IN PATIENTS WITH RIGHT BUNDLE BRANCH BLOCK OR NARROW QRS: A NOVEL MARKER OF DYSSYNCHRONY?
Abstract No. 147
G. Mark, S. Natan, E. Rhim, A.J. Greenspon, R.T. Ho, B.B. Pavri, Cooper University Hospital, Camden, NJ, USA

17:30 ECHOCARDIOGRAPHY TO PREDICT LONG-TERM REVERSE REMODELING AFTER CARDIAC RESYNCHRONIZATION THERAPY; VALUE OF QUALITATIVE OBSERVATION
Abstract No. 148
A.H.M. Jansen, F. Bracke, J.M. van Dantzig, A. Meijer, C.H. Peels, P.H. van der Voort, H.H.M. Korsten, N.M. van Hemel, Canisius-Wilhelmina Hospital, Nijmegen, The Netherlands

17:45 THE IMPACT OF CARDIAC RESYNCHRONIZATION THERAPY ON KANSAS CITY CARDIOMYOPATHY QUESTIONNAIRE (KCCQ) SCORE IN PATIENTS WITH CONGESTIVE HEART FAILURE
Abstract No. 149
M. Biria, J. Pillarisetti, C. Annapureddy, E. Baryun, L. Berenbom, R. Pimentel, J. Vacek, M. Emerg, C. Porter, D. Lakireddy, K. Dalton, University of Kansas Hospital, Kansas City, KS, USA

18:00 SURVIVAL IS SIMILAR AFTER STANDARD TREATMENT AND CHEST COMPRESSION ONLY IN OUT-OF-HOSPITAL BYSTANDER CARDIOPULMONARY RESUSCITATION
Abstract No. 150
K.E. Bohm, M. Rosenqvist, J. Herlitz, J. Hollenberg, L. Svensson, Karolinska Institutet, Sodersjukhuset, Stockholm, Sweden

18:15 DOES SEVERITY OF SLEEP APNEA CORRELATE WITH RISK OF ARRHYTHMIC DEATH?
Abstract No. 151
A.Q. Chan, E.L. Lua, M.P. Chan, Stanford University, Stanford, CA, USA

18:30 VALUE OF ROUTINE DFT TESTING AT TIME OF ICD PULSE GENERATOR REPLACEMENT
Abstract No. 152
M. Singh, J. Akar, J. Cytron, N. Varma, D. Wilber, P. Santucci, Loyola University, Maywood, IL, USA
18:45 PREVALENCE OF APPROPRIATE CARDIOVERTER-DEFIBRILLATOR SHOCKS IN 1,038 CONSECUTIVE PATIENTS WITH IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS


19:00 EFFECT OF PACING THE RIGHT VENTRICULAR LOW SEPT TRACT IN PATIENTS WITH PERMANENT ATRIAL FIBRILLATION AND LOW EJECTION FRACTION

C. Muto, L. Ottaviano, G. Carreras, M. Canciello, R. Calvanese, L. Asociione, B. Tuccillo, S.M. Loreto Mare Hospital, Ospedale Buon Consiglio Fatebenefratelli, Napoli, Italy

19:15 OUTCOMES AND COST ANALYSIS OF TRANSVENOUS VS PROPHYLACTIC INTRAOPERATIVE IMPLANTATION OF CRT LEADS (PROPEL STUDY)

M. Biria, E. Baryun, J. Vacek, K. Dalton, M. Earnest, M. Emer, R. Pimentel, D. Lakkireddy, L. Berenbom, University of Kansas Hospital, Kansas City, KS, USA

19:30 INCIDENCE OF MORTALITY IN 1,040 PATIENTS WITH CARDIOVASCULAR DISEASE WITH NORMAL AND ABNORMAL QRS DURATION AND WITH NORMAL AND ABNORMAL LEFT VENTRICULAR EJECTION FRACTION


19:45 PREVALENCE AND PROGNOSIS FOR SYCPOE AMONG CARDIAC TRANSPLANT RECIPIENTS

M.A. Caccamo, D.J. Cantillon, E.Z. Gorodeski, W. Saliba, B.L. Wilkoff, R.C. Starling, Cleveland Clinic Foundation, Cleveland, OH, USA
SUNDAY, JULY 27, 2008

16:45 – 19:15   Hall D

S26  Session
INTERVENTIONAL CARDIOLOGY

Chairpersons:    F. Dagenais, Quebec, QC, Canada

Abstract No.

16:45 RECURRENT REVASCULARIZATION AFTER IMPLANTATION OF DRUG ELUTING STENTS: RESTENOSIS OR PROGRESSION OFATHEROSCLEROTIC DISEASE
M. Fineschi, T. Gori, Hospital of Siena, Siena, Italy

17:00 A NEW CONCEPT OF STENT - THE MULTILAYER STENT: FIRST HUMAN STUDY IN PERIPHERAL ANEURYSM
M. Henry, A. Polydorou, N. Frid, P. Gruffaz, I. Henry, M. Hugel, Cabinet de Cardiologie, France

17:15 CONTRAST-INDUCED NEPHROPATHY AFTER LOW - OR ISO-OSMOLAR CONTRAST MEDIA USE IN HIGH RISK PATIENTS: DATA FROM THE CARE TRIAL
A. Moreyra, J. Reiner, C.S. Staniloae, S.K. Sharma, R.E. Katholi, R.J. Solomon, University of Medicine and Dentistry, New Brunswick, NJ, USA

17:30 DO DISTAL EMBOLIC PROTECTION DEVICES IMPROVE OUTCOMES OF PERCUTANEOUS TREATMENT OF SAPHENOUS VEIN GRAFT LESIONS?
A.A. Hilliard, R.J. Lennon, L.N. Hammes, C.S. Rihal, D.R. Holmes, V. Mathew, Mayo Clinic, Rochester, MN, USA

17:45 A RANDOMIZED COMPARISON OF PACLITAXEL-ELUTING STENTS VERSUS BARE-METAL STENTS FOR TREATMENT OF UNPROTECTED LEFT MAIN CORONARY ARTERY STENOSIS: LONG TERM FOLLOW-UP
A. Erglis, I. Narbute, S. Jegere, I. Kumsars, K. Trusinskis, Latvian Centre of Cardiology, Riga, Latvia

18:00 CAROTID STENTING IN SYMPTOMATIC VS. ASYMPTOMATIC PATIENTS - SINGLE CENTER EXPERIENCE FROM 600 CONSECUTIVE CAROTID INTERVENTIONS WITH NEUROPROTECTION
R. Hein, F. Beier, M. Hug, H. Strohm, H. Mudra, Städtisches Klinikum Muenchen GmbH, Klinikum Neuperlach, Munich, Germany

18:15 THE SAFETY AND EFFICACY OF GPRE-CLOSURE H UTILIZING THE CLOSETM SUTURE-MEDIATED VASCULAR CLOSURE DEVICE FOR ACHIEVEMENT OF HEMOSTASIS IN PATIENTS FOLLOWING CORONARY INTERVENTIONS: RESULTS OF THE SECOND PERCLOSE ACCELERATED AMBULATION AND DISCHARGE (PARADISE II) TRIAL
K. Nasu, E. Tsuchikane, O. Katoh, T. Matsubara, T. Suzuki, Toyohashi Heart Center, Toyohashi, Aichi, Japan

18:30 PERCUTANEOUS CORONARY INTERVENTION IN OCTOGENARIANS: AN OUTCOME ANALYSIS
A.K. Kondur, A. Niraj, J. Pradhan, V. Veeranna, H. Fakhry, L. Afonso, Wayne State University, Detroit, MI, USA

18:45 ANACONDA ENDOVASCULAR LIMBS FOR TREATMENT OF POPLITEAL ARTERY ANEURYSMS
T. Rapanos, R. Moore, C.S. Cina, McMaster University, Hamilton, ON, Canada
19:00 MINIMALLY INVASIVE MITRAL SURGERY: SHOULD IT BE CONSIDERED
STATE OF THE ART FOR ISOLATED MITRAL DISEASE? (Invited Lecture)
F. Dagenais, Laval Hospital, Quebec, QC, Canada
POS 201  Poster Session  
**VASCULAR BIOLOGY, BASIC RESEARCH**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>168</td>
<td>THYPOXIA INCREASES THE EXPRESSION OF RESISTIN IN CULTURED VASCULAR</td>
<td>K.G. Shyu, B.W. Wang, H.F. Hung, H. Chang, Shin Kong Wu Ho-Su</td>
<td>Memorial Hospital, Taipei, Taiwan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SMOOTH MUSCLE CELLS THROUGH ERK AND NFAT PATHWAY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>169</td>
<td>INTERLEUKIN-4 INDUCES MONOCYTE CHEMOATTRACTANT PROTEIN-1 EXPRESSION</td>
<td>Y.W. Lee, W.H. Lee, Virginia Polytechnic Institute and State University (Virginia Tech), Blackburg,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IN VIVO AND IN VITRO</td>
<td>VA, USA</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>170</td>
<td>ASPIRIN-TRIGGERED LIPOXIN BLOCK ROS GENERATION IN ENDOTHELIAL CELLS:</td>
<td>V. Nascimento-Silva, M.A. Arruda, C. Barja-Fidalgo, I.M. Fierro, Universidade do Estado do Rio de</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>POSSIBLE ROLE IN CARDIOVASCULAR DISEASES</td>
<td>Janeiro, Rio de Janeiro, RJ, Brasil</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>171</td>
<td>ALDOSTERONE SIGNALING MODIFIES ENDOTHELIAL CELL VOLUME</td>
<td>M. Mirshahi, UMRS 872, E 18, Faculte de Medicine Paris VI, Paris, France</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>172</td>
<td>EFFECTS OF ERYTHROPOIETIN AND SELENIUM ON SOME HEMATOLOGICAL PARAMETERS</td>
<td>M. Surchi, D. Quretany, Department of Biology, College of Science, Salahaddin University, Erbil,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IN GENTAMICIN INDUCED ANEMIA IN MALE ALBINO RATS</td>
<td>Iraq</td>
<td></td>
</tr>
</tbody>
</table>

POS 202  Poster Session  
**PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE I**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>174</td>
<td>DIAGNOSTIC VALIDITY OF AUSCULTATORY AND ELECTROCARDIOGRAPHIC FEATURES IN DIAGNOSING ATRIAL SEPTAL DEFECT IN CHILDREN</td>
<td>N.M Noori, S.H. Rajaei, Hormozgan University of Medical Sciences, Hormozgan, Iran</td>
<td></td>
</tr>
</tbody>
</table>
POS 203  Poster Session
LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC CARDIOMYOPATHY

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>175</td>
</tr>
<tr>
<td>9</td>
<td>176</td>
</tr>
<tr>
<td>10</td>
<td>177</td>
</tr>
<tr>
<td>11</td>
<td>178</td>
</tr>
<tr>
<td>12</td>
<td>179</td>
</tr>
<tr>
<td>13</td>
<td>180</td>
</tr>
<tr>
<td>14</td>
<td>181</td>
</tr>
<tr>
<td>15</td>
<td>182</td>
</tr>
</tbody>
</table>

| 8 | LESS THAN 25% OF SUSPECTED HYPERTROPHIC CARDIOMYOPATHY SUBJECTS DOCUMENTED DURING SCREENING ECHOCARDIOGRAPHY HAVE ABNORMAL ECG FINDING  
M.R. Movahed, S. Bates, S. Sattur, A. Martinez, Southern Arizona VA Health Care System, University of Arizona, Tucson, AZ, USA |
| 9 | ESTIMATED PREVALENCE OF SUSPECTED HYPERTROPHIC CARDIOMYOPATHY IN HEALTHY TEENAGERS IN THE USA  
M.R. Movahed, A. Martinez, S. Bates, S. Sattur, Southern Arizona VA Health Care System, University of Arizona, Tucson, AZ, USA |
| 10 | LEFT VENTRICULAR HYPERTROPHY IS INDEPENDENTLY ASSOCIATED WITH ALL CAUSE MORTALITY  
C. Manrique, A. Martinez, H.A. Guima, M.A. Rahman, M.R. Movahed  
University of Arizona Sarver Heart Center and the Southern Arizona VA Health Care System, Tucson, AZ, USA |
| 11 | ALCOHOL SEPTAL ABLATION AND SEPTAL MYOMECTOMY FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY: A META-ANALYSIS  
M. Alam, H. Dokainish, N.M. Lakkis, Baylor College of Medicine, Houston, TX, USA |
| 12 | CLINICAL ASSESSMENT OF LEFT VENTRICULAR HYPERTROPHY AND STRAIN IN PATIENTS WITH ANGINA  
M.T. Chou, C.Y. Chiang, C.C. Cheng, Z.C. Chen, T.Y. Huang, Chi-Mei Medical Center, Tainan, Taiwan |
| 13 | REPORTED PHYSICAL SYMPTOMS DURING SCREENING ECHOCARDIOGRAPHY IS NOT ASSOCIATED WITH THE PRESENCE OF SUSPECTED HYPERTROPHIC CARDIOMYOPATHY  
M.R. Movahed, S. Bates, A. Martinezur, S. Sattur  
Southern Arizona VA Health Care System, Tucson, AZ, USA |
| 14 | “PRE-EJECTION FLOW WAVE”: A NEW MARKER OF INCREASED LEFT VENTRICULAR DIASTOLIC FILLING PRESSURE  
J.D. Beswilan, M.P. Sayco, E.S. Tucay, Philippine Heart Center, Quezon City, Philippines |
| 15 | PATTERN AND EXTENT OF SYSTOLIC INTRAVENTRICULAR DYSSYNCHRONY IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY: COMPARISON WITH ATHLETE HEARTS USING TISSUE DOPPLER IMAGING  
H. Fakhry, A.K. Kondur, A. Niraj, K. Bachour, L. Afonso, Wayne State University, Detroit, MI, USA |
### Poster Session

**POS 204**

**PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>183</td>
</tr>
<tr>
<td>17</td>
<td>184</td>
</tr>
<tr>
<td>18</td>
<td>185</td>
</tr>
<tr>
<td>19</td>
<td>186</td>
</tr>
<tr>
<td>20</td>
<td>187</td>
</tr>
<tr>
<td>21</td>
<td>188</td>
</tr>
<tr>
<td>22</td>
<td>189</td>
</tr>
</tbody>
</table>

**16 BLOOD GENE EXPRESSION SIGNATURE DIFFERENTIATES HEART FAILURE SEVERITY**

P. VanBuren, J. Ma, E. Mueller, **C.C. Liew**, GeneNews, Richmond Hill, ON, Canada, Harvard Medical School, Boston, MA, USA

**17 FACTORS RELATED TO IN-HOSPITAL HEART FAILURE (HF) ARE VERY DIFFERENT FOR UNSTABLE ANGINA (UA) AND NON-ST ELEVATION MYOCARDIAL INFARCTION (NSTEMI)**

B. Saejueng, T. Yipintsoi, R. Chaisuksuwan, W. Kehasukcharoen, W. Boonsom, R. Kanjanavanit, Chest Disease Institute, Nonthaburi, Thailand

**18 CARDIAC PEPTIDES DURING ISOMETRIC EXERCISE IN PATIENTS WITH DIASTOLIC DYSFUNCTION**

D. Zdrenghea, D. Pop, M. Ilea, University of Medicine and Pharmacy, Cluj-Napoca, Romania

**19 COMMONLY USED RISK FACTORS FAILED TO ACCURATELY PREDICT SURVIVAL IN PATIENTS WITH ADVANCED HEART FAILURE**


**20 PROARRHYTHMIC EFFECTS OF LEVOSIMENDAN THERAPY OF ACUTE HEART FAILURE**

E. Zima, G. Szucs, A. Soltesz, G. Fulop, L. Molnar, D. Becker, L. Geller, B. Merkely, Semmelweis University, Budapest, Hungary

**21 ANGIOGRAPHICALLY DOCUMENTED DECREASED EJECTION FRACTION IS INDEPENDENTLY ASSOCIATED WITH ALL CAUSE MORTALITY**

M.R. Movahed, J. Salcedo, J. Kleven, A. Sarcon, S. Shahriari, J.D. VU University of Arizona Sarver Heart Center and the Southern Arizona VA Health Care System, Tucson, AZ, USA

**22 PROGNOSTIC VALUE OF DOBUTAMINE-INDUCED MECHANICAL IN PATIENTS WITH MILDLY TO MODERATELY IDIOPATHIC DILATED CARDIOMYOPATHY IN SINUS RHYTHM**

A. Hirashiki, H. Izawa, H. Funahashi, K. Unnno, T. Yamada, Y. Murase, K. Harada, H. Asano, T. Murohara, M. Yolota, Nagoya University, Nagoya, Aichi, Japan
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>190</td>
</tr>
<tr>
<td>24</td>
<td>191</td>
</tr>
<tr>
<td>25</td>
<td>192</td>
</tr>
<tr>
<td>26</td>
<td>193</td>
</tr>
<tr>
<td>27</td>
<td>194</td>
</tr>
<tr>
<td>28</td>
<td>195</td>
</tr>
<tr>
<td>29</td>
<td>196</td>
</tr>
<tr>
<td>30</td>
<td>197</td>
</tr>
</tbody>
</table>

POS 205 Poster Session
DIABETES MELLITUS, OBESITY, INSULIN AND ATHEROSCLEROSIS

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>GENDER-SPECIFIC RISK FACTOR ASSOCIATING TO THE ARTERIAL ELASTIC PROPERTY IN THE GENERAL POPULATION S. Makita, A. Akihiko, Y. Naganuma, A. Tamada, M. Nakamura, Iwate Medical University, Morioka, Japan</td>
</tr>
<tr>
<td>26</td>
<td>CARDIOPROTECTIVE EFFECTS OF GLICLAZIDE BEYOND GLYCEMIC CONTROL IN EXPERIMENTAL DIABETIC CARDIOMYOPATHY S. Kumar, V. Kain, S. Sitaswad, National Centre for Cell Science, Maharashtra, India</td>
</tr>
<tr>
<td>27</td>
<td>INCREASED TNF-ALPHA LEVELS AND VASOMOTOR DYSFUNCTION IN HYPERTENSIVE PATIENTS WITH INSULIN RESISTANCE P. Tretjakovs, A. Jurka, I. Bormane, I. Mikelsone, D. Reihmane, J. Jirgensons, G. Bahs, A. Martinsons, University of Latvia, Riga, Latvia</td>
</tr>
<tr>
<td>28</td>
<td>PLAQUE CHARACTERIZATION BY VIRTUAL HISTOLOGY INTRAVASCULAR ULTRASOUND ANALYSIS IN TYPE II DIABETIC PATIENTS K. Nasu, E. Tsuchikane, O. Katoh, T. Matsubara, T. Suzuki, Toyohashi Heart Center, Toyohashi, Aichi, Japan</td>
</tr>
<tr>
<td>29</td>
<td>CHILDHOOD PSYCHOPATHOLOGY PREDICTS YOUNG ADULT’S BODY MASS INDEX AND OBESITY: EVIDENCE FROM A BIRTH COHORT STUDY A.A. Mamun, University of Queensland, Brisbane, Queensland, Australia</td>
</tr>
</tbody>
</table>
31  UPPER LEG LENGTH (ULL) AND THE RISK OF DIABETES AND CARDIOVASCULAR (CV) RISK PROFILE: A CROSS-SECTIONAL ANALYSIS OF THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES) 1999 – 2004, USA

J. Liu, A.L. Baker, Brock University, ON, Canada
SUNDAY, JULY 27, 2008

14:00 – 18:00 Poster Hall

POS 206 Poster Session

**NEUROHUMORAL, IMMUNOLOGIC AND CYTOKINE ASPECTS OF HEART FAILURE**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>199</td>
</tr>
<tr>
<td>33</td>
<td>200</td>
</tr>
<tr>
<td>34</td>
<td>201</td>
</tr>
<tr>
<td>35</td>
<td>202</td>
</tr>
<tr>
<td>36</td>
<td>203</td>
</tr>
</tbody>
</table>

**Board No. 32**

**CLINICAL AND PROGNOSTIC IMPLICATIONS OF SERUM PROLACTIN LEVELS IN PATIENTS WITH CHRONIC HEART FAILURE**

*J. Parissis*, D. Farmakis, C. Michalakeas, K. Tsigalakidis, D. Birba, P. Stergiou, G. Filippatos, D. Kremastinos, Attikon University Hospital, Athens, Greece

**Board No. 33**

**ALDOSTERONE INDUCES INTERLEUKIN-18 VIA ENDOTHELIN-1, ANGIOTENSIN- II, RHO/RHO-KINASE AND PPAR IN CARDIOMYOCYTE**

*T. Doi*, T. Sakoda, T. Akagami, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi, Hyogo College of Medicine, Nishinomiya, Japan

**Board No. 34**

**GHRELIN IS NOT INCREASED AND HAS NO COMPENSATORY ROLE IN CARDIAC CACHEXIA**

*J.P. Araujo*, P. Lourenco, A. Ferreira, F. Rocha-Goncalves, P. Bettencourt, Hospital S. Joao, Porto, Portugal

**Board No. 35**

**LEPTIN IN CHRONIC HEART FAILURE – CORRELATION WITH NUTRITIONAL STATUS**

*J.P. Araujo*, P. Lourenco, A. Ferreira, F. Rocha-Goncalves, P. Bettencourt, Medicina, Hospital S. Joao, Porto, Portugal

**Board No. 36**

**DEVELOPMENT OF CHRONIC CHAGASIC CARDIOPATHY IS RELATED TO ALTERATIONS ON THE ACETYLCHOLINE TURNOVER AND EXPRESSION OF THE NICOTINIC ACETYLCHOLINE RECEPTOR &#61537; 7 AND/OR Á3/Â4 SUBUNITS EXPRESSION**


POS 207 Poster Session

**NITRIC OXIDE AND NITRIC OXIDE SYNTHASE IN HEART FAILURE**

**Board No. 37**

**RELEASE OF CALCITONIN GENE-RELATED PEPTIDE FROM THE JUGULAR-NODOSE GANGLION COMPLEX IN RATS**


POS 208 Poster Session

**PULMONARY CIRCULATION ASPECTS, PULMONARY HYPERTENSION**

**Board No. 38**

**RIGHT VENTRICULAR STRAIN RATE IMAGING IN PULMONARY ARTERIAL HYPERTENSION: DO DIFFERENT VENTRICULAR CHANGES REFLECT AETIOLOGY?**

*A. Vitarelli*, Y. Conde, S. D’Orazio, S. Stellato, F. Caranci, D. Battaglia, G. Continanza, L. Capotosto, F. Salsano, C. Terzano, La Sapienza University, Rome, Italy

**Board No. 39**

**RIGHT VENTRICULAR FAILURE IN PATIENTS WITH PRESERVED EJECTION FRACTION AND DIASTOLIC DYSFUNCTION: AN UNDER-RECOGNIZED CLINICAL ENTITY**

*R.M. Zakir*, RL Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>207</td>
<td>OSTEOPROTEGERIN IS RELATED TO ASYMMETRIC DIMETHYLARGININE AND AORTIC STIFFNESS IN HYPERTENSION</td>
<td>C. Tsioufis, K. Dimitriadis, A. Miliou, D. Chatzis, C. Thomopoulou, D. Tousoulis, I. Kallikazaros, C. Stefanadis, University of Athens, Greece</td>
</tr>
<tr>
<td>41</td>
<td>208</td>
<td>OAT1, TSC, WNK1, WNK4 GENE POLYMORPHISMS IN EHT AND ANTIHYPERTENSIVE EFFECTS OF HYDROCHLOROTHIAZIDE</td>
<td>Y.F. Han, X.H. Fan, K. Sun, X.J. Wang, Y.B. Wang, J.Z. Cheng, Y.S. Zhen, X.D. Song, Y. Zheng, R.T. Hui, Peking Union Medical College, Beijing, China</td>
</tr>
<tr>
<td>42</td>
<td>209</td>
<td>IS THE BEHAVIOR OF SYSTOLIC BLOOD PRESSURE DURING TREADMILL TESTING A PREDICTOR FOR NEW-ONSET HYPERTENSION?</td>
<td>C. Esis, E. Silva, M. Bracho, S. Briceno, J. Villasmil, A. Gonzalez, Universidad del Zulia, Maracaibo, Venezuela</td>
</tr>
<tr>
<td>44</td>
<td>211</td>
<td>FIXED DOSE PERINDOPRIL AND AMLODIPINE IN MODERATE TO SEVERE HYPERTENSION</td>
<td>V. Bahl, All India Institute of Medical Sciences, New Delhi, Delhi, India</td>
</tr>
<tr>
<td>45</td>
<td>212</td>
<td>AMBULATORY BLOOD PRESSURE MONITORING AS PREDICTOR OF ARTERIAL HYPERTENSION IN ELDERLY WITH WHITE COAT HYPERTENSION</td>
<td>G.E. Calmon, E. Silva, G. Maestre, G. Pino, M. Bracho, N. Pina, Zulia University, Maracaibo, Venezuela</td>
</tr>
</tbody>
</table>
MONDAY, JULY 28, 2008

08:30 – 10:30  Hall A

PL: 07  Plenary Session

NEW DIRECTIONS IN THE TREATMENT OF ACUTE CORONARY SYNDROMES, INTERVENTIONAL CARDIOLOGY

Chairpersons:  S.D. Gertz, Jerusalem, Israel
               J-F. Tanguay, Montréal, QC, Canada

Abstract No.

08:30  LONG-TERM SAFETY AND EFFECTIVENESS OF DRUG-ELUTING STENTS IN ONTARIO, CANADA (Invited Lecture)
J.V. Tu, Institute for Clinical Evaluative Sciences, University of Toronto, Sunnybrook Health Sciences Centre, Toronto, ON, Canada

08:45  LOW LEVEL LASER IRRADIATION: THERAPEUTIC POTENTIAL IN CARDIOVASCULAR PATHOLOGY (Invited Lecture)
S.D. Gertz, L. Gavish, The Hebrew University-Hadassah Medical School, Jerusalem, Israel

09:00  INTRACORONARY PRESSURE AND FLOW VELOCITY: MECHANISTIC INSIGHT FROM LOOKING BEYOND MEANS (Invited Lecture)
M. Siebes, C. Kolyva, B.J. Verhoeff, J.J. Piek, J.A. Spaan, Academic Medical Center, Amsterdam, The Netherlands

09:15  COMPUTERIZED GRADUAL ANGIOPLASTY – A NEW TECHNIQUE TO IMPROVE OUTCOME OF CORONARY ANGIOPLASTY AND STENTING, RESULTS OF A RANDOMIZED CONTROLLED TRIAL (Invited Lecture)
A.T. Weiss, D. Leibowitz, H. Danenberg, M. Mosseri, I. Katz, B. Varshitzky, H. Nassar, C. Lotan, Hadassah Medical Center, Jerusalem, Israel

09:30  HOW TO MAXIMIZE THE BENEFIT OF THE 17-BETA-ESTRADIOL IN VASCULAR HEALING? (Invited Lecture)
J-F. Tanguay, I. Cloutier, Montreal Heart Institute, Université de Montréal, Montréal, QC, Canada

09:45  CAROTID ANGIOPLASTY AND STENTING UNDER PROTECTION COMPLICATIONS – HOW TO AVOID THEM? (Invited Lecture)
M. Henry, A. Polydorou, I. Henry, Ad Polydorou, M. Hugel, Cabinet de Cardiologie, Nancy Cedex, France

10:00  UPDATE ON CORONARY ARTERY BIFURCATION LESIONS CLASSIFICATION AND INTERVENTIONAL TECHNIQUE (Invited Lecture)
M.R. Movahed, University of Arizona, Southern Arizona VA Health Care System, Tucson, AZ, USA

10:15  MICRO- AND MACROVASCULAR PROTECTION TO PREVENT NO-REFLOW IN ACUTE PERCUTANEOUS CORONARY INTERVENTIONS (Invited Lecture)
D.J. Jain, Medical clinik II, Universitätsklinikum Schleswig-Holstein, Luebeck, Germany

10:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 28, 2008

08:30 – 10:45  Hall B

**PL: 08**  Plenary Session

ENDOTHELIAL BIOMEDICINE: NEW OPPORTUNITIES FOR DIAGNOSIS AND TREATMENT

Chairpersons:  
**A.A. Knowlton**, Davis, CA, USA  
**T. Malinski**, Athens, OH, USA

---

08:30  
**ACE2 IS A NOVEL REGULATOR OF ENDOTHELIAL FUNCTION AND ATHEROSCLEROSIS** (Invited Lecture)  
**S. Verma**, University of Toronto, Toronto, ON, Canada  
Abstract No. 221

08:45  
**RESTORATION OF ENDOTHELIAL FUNCTION BY STATINS AND BETA-BLOCKERS - A NANOMEDICAL APPROACH** (Invited Lecture)  
**T. Malinski**, Ohio University, Athens, OH, USA  
Abstract No. 222

09:00  
**THE ROLE OF ENDOTHELIAL PROGENITOR CELLS IN CARDIOVASCULAR DISEASES** (Invited Lecture)  
**D. Tousoulis**, Athens University Medical School, Athens, Greece  
Abstract No. 223

09:15  
**EPICARDIAL CORONARY ENDOTHELIAL DYSFUNCTION ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN A PORCINE MODEL** (Invited Lecture)  
**L.P. Perrault**, Montreal Heart Institute, Montreal, QC, Canada  
Abstract No. 224

09:30  
**ESTROGEN, HEAT SHOCK PROTEINS AND CARDIOVASCULAR PROTECTION** (Invited Lecture)  
**A.A. Knowlton**, J.P. Stice, University of California, Davis, Northern California VA, CA, USA  
Abstract No. 225

09:45  
**ENDOTHELIUM, INFLAMMATION, AND VASCULAR AGING**  
(Invited Lecture)  
**C.F. Sanchez-Ferrer**, C. Peiro, L. Rodriguez-Mañas, Universidad Autonoma, Madrid, Spain  
Abstract No. 226

10:00  
**CONTRIBUTIONS OF ENDOPLASMIC STRESS (ER) STRESS TO CARDIOVASCULAR DISEASE** (Invited Lecture)  
**R.C. Austin**, J.G. Dickhout, B. Hilditch, S. Basseri, S. Lhotak, J. Zhou, McMaster University, Hamilton, ON, Canada  
Abstract No. 227

10:15  
**INSULIN RESISTANCE: EFFECTS ON VASCULAR ENDOTHELIAL FUNCTION AND REPAIR** (Invited Lecture)  
**S.B. Wheatcroft**, University of Leeds, Leeds, UK  
Abstract No. 228

10:30  
**REGULATION OF SUPEROXIDE GENERATION IN VASCULAR CELLS**  
**Y.L. Siow**, C.W. Woo, S. Armstrong, G. Pierce, **K. O**, University of Manitoba, Winnipeg, MB, Canada  
Abstract No. 229

10:45  
**COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
08:30 – 10:30  Hall C

S27  Session
ARRHYTHMIAS II: DIAGNOSIS / DRUG THERAPY / ABLATION

Chairpersons:  H. Heidbüchel, Leuven, Belgium
               M.H. Pitzalis, Greenville, NC, USA

Abstract No.

08:30  COMPARISON OF INTRAVENOUS METOPROLOL VERSUS INTRAVENOUS AMIODARONE IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CARDIAC SURGERY: PROSPECTIVE, RANDOMIZED TRIAL
J. Halonen, P. Loponen, J. Karjalainen, A. Turpeinen, J. Magga, M. Hippelainen, P. Halonen, I. Parviainen, J. Hartikainen, T. Hakala, Kuopio University Hospital, Kuopio, Finland

08:45  PREDICTION OF RESPONSE TO OSTIAL PULMONARY VEIN ISOLATION BY ANALYZING TEMPORAL PATTERNS OF ATRIAL TACHYARRHYTHMIA BURDEN
M. Martinek, J. Aichinger, H.J. Nesser, S. Sarkar, P.D. Ziegler, H. Purferfellner, Elisabethinen University Teaching Hospital, Linz, Austria

09:00  CROSS-SECTIONAL RELATIONS BETWEEN INHOMOGENEOUS SINUS IMPULSE PROPAGATION AND P-WAVE TERMINAL FORCE AMONG OUTPATIENTS
V. Ariyarajah, D.H. Spodick, S. Apiyasawat, St. Boniface General Hospital, University of Manitoba, Winnipeg, MB, Canada

09:15  P WAVE DISPERSION AFTER TRANSCATHETER ATRIAL SEPTAL DEFECT CLOSURE
G. Bronzetti, A. Giardini, L. Salomone, C. D'Angelo, E. Mariucci, A. Donti, F.M. Picchio, University of Bologna, Bologna, Italy

09:30  ADENOSINE IS A PRO-ARRHYTHMIC DRUG INVOLVED IN THE ELECTROCARDIOGRAPHIC CHANGES OBSERVED IN HEALTHY AND CHAGASIC ISOLATED BEATING HEARTS
E. Alvarado Tapias, M. Rivas, A. Alvarado, M. Bello, M. Briceño Medina, C.C. Rodriguez-Bonfante, R.A. Bonfante-Cabarcas, UCLA, Barquisimeto, Lara, Venezuela

09:45  EFFECTS OF EXTREME ENDURANCE RUNNING ON CARDIAC AUTONOMIC NERVOUS MODULATION IN HEALTHY TRAINED SUBJECTS
J. Sztajzel, Cardiology Service, University Hospital, Geneva, Switzerland

10:00 PHYSICIAN BIAS, NOT ACTUAL BLEEDING, IS THE MOST COMMON CAUSE OF POOR FREQUENCY OF ANTICOAGULATION FOR ATRIAL FIBRILLATION IN THE ELDERLY
V.N. Singh, K. Garner, T. Law, University of South Florida, Tampa, FL, USA

10:15  MATHEMATICAL MODEL TO SIMULATE TEMPORAL PATTERNS OF VENTRICULAR ARRHYTHMIA RECURRENCES
M.A. Wood, H. Sedaghat, J.W. Cain, D.M. Chan, C.K. Cheng, C.M. Baumgarten, Virginia Commonwealth University Medical Center, Richmond, VA, USA

10:30  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 28, 2008

08:30 – 11:00 Hall D

S28   Session
LEFT VENTRICULAR HYPERTROPHY AND HYPERTROPHIC CARDIOMYOPATHY, DIASTOLIC HEART FAILURE

Chairpersons: A. Kumar, India
W.L. Miller, Rochester, MN, USA

Abstract No.

08:30 POSTPRANDIAL SYMPTOMS AS AN INDICATOR OF OBSTRUCTION AND REDUCED QUALITY OF LIFE IN HYPERTROPHIC CARDIOMYOPATHY
J.C. Adams, K.W. Klarich, S.R. Ommen, R.A. Nishimura, Mayo Clinic, Rochester, MN, USA

08:45 OBESITY PROMOTES LEFT VENTRICULAR CONCENTRIC GEOMETRIC REMODELING AND HYPERTROPHY INDEPENDENT OF BLOOD PRESSURE
G.R. Norton, C. Libhaber, O.H.I. Majane, E. Libhaber, M.J. Maseko, M.R. Essop, P. Sareli, A.J. Woodiwiss, University of the Witwatersrand, Johannesburg, South Africa

09:00 HIGH RATE OF ESOPHAGEAL ULCERATIONS AFTER ABLATION OF AF IN PATIENTS WITH GENERAL ANAESTHESIA
M. Martinek, G. Bencsik, J. Aichinger, H.J. Nesser, H. Purreffectner, Elisabethin University Teaching Hospital, Linz, Austria

09:15 SYSTOLIC INTRAVENTRICULAR DYS SYNCHRONY IN HYPERTROPHIC CARDIOMYOPATHY: DIFFERENTIATION FROM ATHLETE HEART
A. Kondur, A. Niraj, L. Afonso, Wayne State University, Detroit, MI, USA

09:30 THE HAPLOTYPE OF GDF-15 IS ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN ESSENTIAL HYPERTENSION
X.J. Wang, X. Yang, K. Sun, J.Z. Chen, X.D. Song, H. Wang, Z. Liu, C.X. Wang, C.N. Zhang, R.T. Hui, Peking Union Medical College, Beijing, China

09:45 AFRICAN AMERICAN HAS INCREASED PREVALENCE OF SUSPECTED HYPERTROPHIC CARDIOMYOPATHY DETECTED DURING SCREENING ECHOCARDIOGRAPHY
M.R. Movahed, S. Bates, S. Sattur, A. Martinez, Southern Arizona VA Health Care System, University of Arizona, Tucson, AZ, USA

10:00 CHAOTIC LEFT VENTRICULAR DIASTOLE IN PULMONARY HYPERTENSION
A. Lopez-Candales, K. Edelman, B. Gulyasy, R. Bazaz, Cardiovascular Institute, University of Pittsburgh, PA, USA

10:15 ADIPOSITY IS ASSOCIATED WITH AN ENHANCED IMPACT OF DELETERIOUS HEMODYNAMIC CHANGES ON LEFT VENTRICULAR MASS
G.R. Norton, O.H.I. Majane, E. Libhaber, C. Libhaber, M.J. Maseko, S. Makaula, P. Sareli, A.J. Woodiwiss, University of the Witwatersrand, Johannesburg, South Africa

10:30 EXCESSIVE BREATHELESSNESS IN PATIENTS WITH DIASTOLIC HEART FAILURE
K. Witte, A.L. Clark, University of Hull, Kingston upon Hull, UK
10:45 PREDICTORS OF SURVIVAL FOR MORE THAN ONE YEAR IN PATIENTS WITH PRIMARY CARDIAC AMYLOIDOSIS
H. Suradi, K. Hamidi Asl, M.K. Das, M. Benson, Indiana University, Indianapolis, IN, USA

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL: 09  Plenary Session
VALVULAR HEART DISEASE / DISEASES OF THE THORACIC AORTA /
CARDIAC SURGERY

Chairpersons:  J.S. Borer, New York, NY, USA
J.A. Elefteriades, New Haven, CT, USA

11:15 – 13:30  Hall A

Abstract No.

11:15  BIOMARKERS FOR EVALUATING VALVULAR DISEASES:
RECENT PROGRESS (Invited Lecture)
J.S. Borer, Weill Cornell Medical College, New York, N.Y. USA 248

11:30  A BLOOD TEST FOR THORACIC ANEURYSM (Invited Lecture)
Y. Wang, C.C. Barbacioru, D. Shifman, S. Balasubramanian,
O. Iakoubova, M. Tranquilli, G. Albornoz, J. Blake, R. Samaha,
J.A. Elefteriades, Yale University, New Haven, CT, USA 249

11:45  THE CONCEPT OF VALVULO-METABOLIC RISK IN AORTIC
VALVE DISEASE (Invited Lecture)
P. Pibarot, Laval University, Quebec, QC, Canada 250

12:00  PRESENT STATUS OF RHEUMATIC HEART DISEASE (RHD)
IN DEVELOPING COUNTRIES OF THE WORLD (Invited Lecture)
A. Kumar, Govt. Medical College, Amritsar, Punjab, India 251

12:15  CALCIFIC AORTIC STENOSIS: A DISEASE READY FOR PRIME
TIME (Invited Lecture)
N.M. Rajamannan, Northwestern University, Chicago, IL, USA 252

12:30  PERCUTANEOUS AORTIC VALVE IMPLANTATION: STATE OF
THE ART (Invited Lecture)
H. Sievert, N Wunderlich, N Majunke, CardioVascular Center, Frankfurt,
Germany, Washington Hospital Center, Washington, DC, USA 253

12:45  MITRAL BALLOON VALVULOPLASTY - 18 YEARS FOLLOW-UP:
EFFECT OF MBV ON LEFT VENTRICULAR FUNCTION, SEVERE
PULMONARY HYPERTENSION AND SEVERE TRICUSPID
REGURGITATION (Invited Lecture)
M.E. Fawzy, King Faisal Specialist Hospital and Research Centre,
Riyadh, KSA 254

13:00  UNANSWERED QUESTIONS IN RHEUMATIC HEART DISEASE
(Invited Lecture)
G. Karthikeyan, All India Institute of Medical Sciences, New Delhi, India 255

13:15  OBESITY AND OUTCOMES AFTER ISOLATED CARDIAC VALVE
SURGERY
M. Alam, S.S. Virani, V. Nambi, V. Lee, M. Elayda, J.M. Wilson,
C.M. Ballantyne, Baylor College of Medicine, Houston, TX, USA 256

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 28, 2008

11:15 – 13:45  Hall B

PL: 10  Plenary Session
ATHEROGENESIS, INFLAMMATION AND OXIDATIVE STRESS

Chairperson:  N.S. Dhalla, Winnipeg, MB, Canada
              P.R. Liebson, Chicago, IL, USA

Abstract No.

11:15  REGULATION OF INTRACELLULAR CALCIUM IN ISCHEMIC HEART DISEASE (Invited Lecture)
       N.S. Dhalla, H.K. Saini-Chohan, University of Manitoba, Winnipeg, MB, Canada

11:30  OXIDATIVE STRESS AND THE Atherosclerotic Plaque-
       AN UPDATE (Invited Lecture)
       P.R. Liebson, Rush Medical College, Chicago, IL, USA

11:45  IL-10 AND TNF-alpha CYTOKINE IMBALANCE IN HEART FAILURE
       (Invited Lecture)
       P.K. Singal, S. Dhingra, J. Slazak, A.K. Sharma, University of Manitoba, Winnipeg, MB, Canada

12:00  NOXES, OXIDATIVE STRESS AND VASCULAR (PATHO) BIOLOGY
       (Invited Lecture)
       R. Touyz, University of Ottawa, Ottawa ON, Canada

12:15  ANALYSIS OF MOLECULAR INFLAMMATORY PATHWAYS IN Atherosclerosis (Invited Lecture)
       S. Amar, Boston University, Boston, MA, USA

12:30  IMAGING MECHANISMS OF CARDIOVASCULAR CALCIFICATION IN Atherosclerosis AND CHRONIC KIDNEY DISEASE (Invited Lecture)
       E. Aikawa, Harvard Medical School, Charlestown, MA, USA

12:45  CATHEPSIN K PARTICIPATES IN ADIPOGENESIS AND BODY WEIGHT GAIN VIA FIBRONECTIN DEGRADATION (Invited Lecture)
       M. Yang, J. Sun, J. Liu, M. Guerre-Millo, K. Clement, B.D. Gelb, G-P. Shi, Harvard Medical School, Boston, MA, USA

13:00  OXIDATIVE STRESS & Atherosclerosis - THE ROLE OF DRUGS WITH ANTIOXIDANT CAPACITY (Invited Lecture)
       J.W. Chen, S.J. Lin, National Yang-Ming University, Taipei Veterans General Hospital, Taipei, Taiwan

13:15  INFLAMMATION IN DIABETIC VASCULAR DISEASE: THE ROLE OF HYPERGLYCEMIA (Invited Lecture)
       C. Peiro, C.F. Sanchez-Ferrer, Universidad Autonoma de Madrid, Spain

13:30  MACROPHAGE ACTIVATION AND Atherosclerosis: BASIC BIOLOGY AND MOLECULAR IMAGING (Invited Lecture)
       M. Aikawa, Harvard Medical School, Boston, MA, USA

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S29 Session
NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE, PULMONARY CIRCULATION ASPECTS

Chairperson:  M.R. Johnson, Madison, WI, USA
            J. Kastrup, Copenhagen, Denmark

11:15  SERUM YKL-40 IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE AND INCREASED RISK OF MYOCARDIAL INFARCTION, CARDIOVASCULAR DEATH AND ALL-CAUSE MORTALITY

11:30  DIFFERENTIAL BLOOD GENE EXPRESSION PATTERNS FOR NYHA CLASSIFICATION AND BNP LEVELS IN HEART FAILURE
A.S. Go, J. Ma, M. Chandra, G. Gee, C.C. Liew, Kaiser Permanente of Northern California, Oakland, CA, USA

11:45  TORASEMIDE HAS BENEFICIAL EFFECTS ON MODULATION OF SYMPATHETIC NERVOUS ACTIVITY BEYOND DIURESIS
K. Harada, H. Izawa, A. Hirashiki, Y. Murase, H. Asano, X.W. Cheng, A. Noda, K. Nagata, T. Murohara, M. Yokota, Nagoya University Graduate School of Medicine, Nagoya, Japan

12:00  ETIOLOGY OF ANEMIA AND MORTALITY IN PATIENTS WITH HEART FAILURE UNDERGOING CORONARY STENTING

12:15  SURVIVAL IN HEART FAILURE PATIENTS FOLLOWING CARDIAC RESYNCHRONIZATION THERAPY
D.M. Couri, G. Lin, T.L. Webster, D.O. Hodge, P.A. Brady, Mayo Clinic, Rochester, MN, USA

12:30  THE IDENTIFICATION OF DEPRESSION AMONG HEART FAILURE PATIENTS
S. Gravely-Witte, C. Tam, D.E. Stewart, S. Bunker, S.L. Grace, York University, Toronto, ON, Canada

12:45  THE DYSTROPHIN-GLYCOPROTEIN COMPLEX AND INTEGRIN IN THE HEARTS OF MICE EXPERIMENTALLY-INFECTED WITH TRYPANOSOMA CRUZI
C.M. Prado, M.R. Celes, E.C. Campos, F. Gutierrez-Salazar, J.S. Silva, M.A. Rossi, Faculty of Medicine of Ribeirao Preto, University of Sao Paulo, Sao Paulo, Brazil

13:00  IMPACT OF LEFT ATRIAL VOLUME INDEX AND LEFT VENTRICULAR GEOMETRY ON MORTALITY IN 11,039 PATIENTS > 70 YEARS OF AGE WITH NORMAL EJECTION FRACTION
D.A. Patel, C.J. Lavie, Jr., R.V. Milani, S.M. Artham, H.O. Ventura, Ochsner Clinic Foundation, New Orleans, LA, USA
13:15 LDL-APHERESIS AND ITS ABILITY TO REDUCE PLASMA LEVELS OF B-TYPE NATRIURETIC PEPTIDE
P.M. Moriarty, R.P. Sosland, C.A. Gibson, J.M. Belmont,
University of Kansas Medical Center, KS, USA

13:30 DYSPNEA VERSUS FATIGUE: ADDITIONAL PROGNOSTIC INFORMATION FROM SYMPTOMS IN CHRONIC HEART FAILURE?
K. Witte, A.L. Clark, University of Hull, Kingston upon Hull, UK

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 28, 2008

11:15 – 13:45  Hall D

S30  Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

Chairpersons:  A.H.J. Danser, Rotterdam, The Netherlands  W. Koenig, Ulm, Germany

Abstract No.

11:15  CYTOPROTECTION WITH AN ADENOSINE A1 RECEPTOR AGONIST COMPARED TO AN A3 AGONIST IN A CARDIOMYOCYTE MODEL OF ISCHEMIA  V. Urmaliya, C.W. Pouton, I.M. Coupar, P.J. Scammells, P.J. White, Monash University, Melbourne, Australia

11:30  LOW DOSE TREATMENT OF CALMIDAZOLIUM CHLORIDE (CMZ) PREVENTS AGAINST HIGH-GLUCOSE INDUCED OXIDATIVE AND NITROSATIVE STRESS AND APOPTOTIC CELL DEATH IN RAT VENTRICULAR MYOBLAST H9C2 CELLS  V. Kain, S. Kumar, S.L. Sitaswad, National Centre for Cell Science, Pune, Maharashtra, India

11:45  NEUROPROTECTION WITH PROFOUND HYPOTHERMIA TO 10C DURING HYPOTHERMIC CIRCULATORY ARREST (HCA) IN AN ACUTE PORCINE MODEL: MEASURES OF APOTOSIS IN THE PRIMARY CORTEX  H. Koutsogiannidis, O.G. Ananiaadou, A.N. Bibou, A. Charchanti, M. Bai, G.E. Drossos, E.O. Johnson, University of Ioannina, Ioannina, Greece

12:00  IRON LOADING AND G-CSF SUPPLEMENT INDUCE INFLAMMATION-DEPENDENT CARDIAC THROMBOSIS IN MICE: AN IN VIVO DISEASE MODEL  W.S. Lian, H. Lin, P.C. King, T. Kikuchi, C.F. Cheng, Tzu Chi General Hospital, Taipei and Tzu Chi University, Taipei, Taiwan

12:15  PIOGLITAZONE IMPROVE LEFT VENTRICULAR FUNCTION IN EXPERIMENTAL DIABETIC CARDIOMYOPATHY  S. Kumar, V. Kain, S.L. Sitaswad, National Center for Cell Science, Pune, Maharashtra, India

12:30  POLYCATIONIC LIPIDS COMPLEXED WITH A PLASMID DNA ENCODING ENOS WITH AN ALANINE REPLACING A SER AND A CYTOMEGALOVIRUS PROMOTER EXERTED ENHANCED CARDIOVASCULAR BENEFITS IN HEALTHY AND HEART FAILURE ANIMALS  J. Giannios, N. Kolliopoulos, A. Kanelopoulos, N. Alexandropoulos, Erasiniio Hospital, Athens, Greece

12:45  TICLOPIDINE AND CLOPIDOGREL ASSOCIATED THROMBOTIC THROMBOCYTOPENIA PURPURA (TTP)  A. Zakarija, H.C. Kwaan, D.K. Pandey, N. Bandarenko, P.R. Yarnold, J.F. Cursio, T.L. Luu, E.A. Richey, J.M. McKoy, C.L. Bennett, Northwestern University, Chicago, IL, USA
13:00  K167N POLYMORPHISM ALTERS LOX-1 RECEPTOR ACTIVITY: IN VIVO ANALYSIS AND MOLECULAR DYNAMIC SIMULATION

I. Filesi, M. Falconi, L. Vecchione, R. Mango, I.M. Predazzi, F. Baldini, G. Novelli, F. Romeo, A. Desideri, S. Biocca, University of Rome Tor Vergata, Rome, Italy

13:15  THE CRITICAL ROLE OF TGF-ALPHA IN HUMAN BONE MARROW STEM CELL FUNCTION

Y. Wang, M. Wang, P.R. Crisostomo, D.R. Meldrum, Indiana University, Indianapolis, IN, USA

13:30  PLATELET AGGREGATION INHIBITION WITH INCREASING CONCENTRATIONS OF TIROFIBAN N RENAL INSUFFICIENCY

M. Alam, R. Gonzalez, A. Delarosa, H. Dokainish, N.M. Lakkis
Baylor College of Medicine, Houston, TX, USA

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
POS 301  Poster Session  
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors, Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>288</td>
<td>FUTURE OF DECISION SUPPORT FOR CORONARY INTERVENTIONS BASED ON MULTISCALE BIOPHYSICAL MODELS</td>
<td>J.A. Spaan, J. van den Wijngaard, P. van Horssen, J. Baan, J.J. Piek, M. Siebes, Academic Medical Center, Amsterdam, The Netherlands</td>
</tr>
<tr>
<td>2</td>
<td>289</td>
<td>CLINICAL VALIDATION OF A NEW 3-DIMENSIONAL IMAGING SYSTEM FOR QUANTITATIVE AND QUALITATIVE JUDGEMENT OF CORONARY ARTERY STENOSES</td>
<td>B.S.H. Schertel-Gruenler, J. Brachmann, H. Rittger, Klinikum Coburg, Coburg, Germany</td>
</tr>
<tr>
<td>3</td>
<td>290</td>
<td>EXERCISE ECG TESTING VERSUS CARDIOGONIOMETRY IN THE DIAGNOSIS OF CORONARY ARTERY DISEASE</td>
<td>M. Schupbach, P. Loretan, B. Meier, E. Sanz, Centre Hospitalier Universitaire Pitié-Salpêtrière, Paris, France</td>
</tr>
<tr>
<td>4</td>
<td>291</td>
<td>A-V DELAY VERSUS CARDIAC OUTPUT MEASURED WITH THORAX BIOIMPEDANCE MONITOR</td>
<td>V. Vondra, J. Halamek, I. Viscor, P. Jurak, M. Novak, J. Lipoldova, Institute of Scientific Instruments, Brno, Czech Republic</td>
</tr>
<tr>
<td>5</td>
<td>292</td>
<td>HYPEREMIC AVERAGE PEAK VELOCITY AS A PREDICTOR OF LEFT VENTRICULAR FUNCTIONAL RECOVERY IN LOW CORONARY FLOW RESERVE IN PATIENTS WITH IDIOPATHY CARDIOMYOPATHY</td>
<td>J.H. Koh, M.Y. Kim, D.K. Jo, J.H. Kim, Kwandong University, Goyang, South Korea</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
<td>Title and Authors</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>-------------------</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>294</td>
<td>ENDOTHELIAL PROGENITOR CELLS DERIVED FROM WHARTON’S JELLY IN HUMAN UMBILICAL CORD REDUCE NEOINTIMAL FORMATION AFTER VASCULAR INJURY S.H. Wang, S.J Lin, J.C Shih, C.L Chien, C.C Wu, Y.L Chen, National Taiwan University, Taiwan</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>295</td>
<td>STIMULATION OF SOLUBLE GUANYLATE CYCLASE LEADS TO ATTENUATE CARDIAC FIBROSIS IN PRESSURE-OVERLOADED RAT HEART T. Tsuruda, H. Masuyama, J. Kato, T. Imamura, K. Hatakeyama, Y. Asada, K. Kitamura, University of Miyazaki, Miyazaki, Japan</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>296</td>
<td>IDENTIFICATION OF NOVEL ANTIATHEROSCLEROTIC EFFECTS OF CONJUGATED LINOLEIC ACID IN VASCULAR CELLS S.E. McClelland, C.M. Cox, D.J. Fitzgerald, O.A. Belton, UCD Conway Institute, UCD, Dublin, Ireland</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>298</td>
<td>PLEIOTROPIC GENE MODULATION BY ALDOSTERONE IN THE HUMAN ENDOTHELIAL CELL P. Mirshahi, A. Berthaut, E. Ducros, J. Soria, M. Mirshahi, Centre de Recherche des Cordeliers, Paris, France</td>
<td></td>
</tr>
</tbody>
</table>

**POS 303 Poster Session**  
**PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title and Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>299</td>
<td>EVALUATION OF THE ANTI VON WILLEBRAND FACTOR (VWF) ANTIBODY GBR 600 IN A BABOON MODEL OF ARTERIAL THROMBOSIS S. Hou, J. Roodt, S. Lamprecht, M. Meiring, P. Badenhorst, H. Motti, Glenmark Pharmaceuticals S.A., La Chaux-de-Fonds, Switzerland</td>
</tr>
<tr>
<td>13</td>
<td>300</td>
<td>EVALUATION OF THE ANTI VON WILLEBRAND FACTOR (VWF) ANTIBODY GBR 599 IN A RAT MODEL OF ARTERIAL THROMBOSIS H. Motti, L. Lan, J. Pinkstaff, X. Fan, E. Lazarides, S. Hou, C. Woods Glenmark Pharmaceuticals S.A., La Chaux-de-Fonds, Switzerland</td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
<td>Title</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>14</td>
<td>301</td>
<td>MIXED ESSENTIAL AMINO ACIDS AFFORDS PROTECTION TO THE HUMAN HEART EXPOSED TO CARDIOPLEGIC ARREST REDUCING MYOCYTE CELL LOSS AND EXERTING FAVORABLE METABOLIC AND HEMODYNAMIC EFFECTS</td>
</tr>
<tr>
<td>15</td>
<td>302</td>
<td>GENDER AND BODY SURFACE AREA ARE NOT PREDICTIVE OF IN-HOSPITAL MORTALITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY</td>
</tr>
<tr>
<td>16</td>
<td>303</td>
<td>RESULTS OF ON-PUMP BEATING HEART CABG IN HIGH RISK PATIENTS</td>
</tr>
<tr>
<td>17</td>
<td>304</td>
<td>PULMONARY ARTERY PRESSURE AS A PREDICTOR OF POST-OPERATIVE ATRIAL FIBRILLATION IN PATIENTS UNDERGOING CARDIAC SURGERY (PAAF STUDY)</td>
</tr>
<tr>
<td>18</td>
<td>305</td>
<td>MODIFIED CLOSED CARDIOPULMONARY BYPASS TECHNIQUE PERFORMED WITH MODIFIED ULTRAFILTRATION TO REDUCE INVASIVENESS FOR LOW-WEIGHT PATIENTS</td>
</tr>
<tr>
<td>19</td>
<td>306</td>
<td>RIGHT CORONARY REVASCULARIZATION BY CORONARY-Coronary By-Pass</td>
</tr>
<tr>
<td>20</td>
<td>307</td>
<td>THE EFFECT OF PREOPERATIVE ASPIRIN USE ON POSTOPERATIVE BLEEDING AND PERIOPERATIVE MYOCARDIAL INFARCTION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS SURGERY</td>
</tr>
<tr>
<td>21</td>
<td>308</td>
<td>OPEN HEART SURGERY IN NIGERIA</td>
</tr>
</tbody>
</table>
### POS 305 Poster Session

**INTERNAL DEFIBRILLATION / IMPLANTABLE ANTIARRHYTHMIC DEVICES / PACING**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>309</td>
<td>BARRIERS FOR IMPLANTABLE CARDIOVERTER DEFIBRILLATORS IN AN ACADEMIC CENTER: ARE WE MISSING ELIGIBLE PATIENTS?</td>
<td>S.R. Natan, L. Immordino, D. Whellan, A.J. Greenspon, D. Frisch, B.B. Pavri, Thomas Jefferson University Hospital, Philadelphia, PA, USA</td>
</tr>
<tr>
<td>23</td>
<td>310</td>
<td>PREVENTION OF DIAPHRAGM STIMULATION DURING BIVENTRICULAR PACING WITH LONG LEFT VENTRICULAR PULSE</td>
<td>A. Roka, S. Szilagyi, L. Geller, B. Merkely, E. Zima, Semmelweis University, Budapest, Hungary</td>
</tr>
<tr>
<td>24</td>
<td>311</td>
<td>BIVENTRICULAR ICD EXPERIENCE IN THE OVERAGE POPULATION</td>
<td>P.E. Zambito, J.D. Fisher, K.J. Ferrick, S.G. Kim, J.A. Gross, D.A. Krumerman, E.C. Palma, Albert Einstein College of Medicine, Bronx, NY, USA</td>
</tr>
<tr>
<td>26</td>
<td>313</td>
<td>PULSE AMPLITUDE AND PACEMAKER LONGEVITY GAIN-12 MONTHS LATER</td>
<td>N. Zlatanovik, S. Kedev, N. Gjorgov, A. Georgiev, B. Gjorgievska, D. Kovacevik, I. Trajkov, V. Boskov, Cardiology Clinic, Skopje, Republic of Macedonia</td>
</tr>
<tr>
<td>27</td>
<td>314</td>
<td>TELEMONITORING OF PACEMAKER / ICD PATIENTS: INVESTIGATION OF TECHNOLOGIC POSSIBILITIES OF HOME MONITORING IN HUNGARY</td>
<td>E. Zima, G. Szucs, T. Barany, T. Palmai, L. Molnar, T. Balazs, A. Nagy, L. Geller, B. Merkely, Semmelweis University, Budapest, Hungary</td>
</tr>
</tbody>
</table>
### POS 306 Poster Session

**PRIMARY PREVENTION OF CORONARY ARTERY DISEASE IN THE HEALTHY ADULT AND CHILDREN**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>316</td>
</tr>
<tr>
<td>30</td>
<td>317</td>
</tr>
<tr>
<td>31</td>
<td>318</td>
</tr>
<tr>
<td>32</td>
<td>319</td>
</tr>
<tr>
<td>33</td>
<td>320</td>
</tr>
</tbody>
</table>

**Board No. 29**

**VITAMIN D – AN UNDER APPRECIATED NOVEL CARDIAC RISK FACTOR**

Rush University Medical Center, Chicago, IL, USA

**Board No. 30**

**VEGETARIAN AND NON-VEGETARIAN DIET IN TEENAGERS IN RELATION TO CARDIOVASCULAR AND MOTOR FITNESS**

A. Bajaj, S. Dhingra, A.K. Sharma, Punjabi University, Patiala, Punjab, India

**Board No. 31**

**DEPRESSIVE SYMPTOMS AND PRO-INFLAMMATORY PARAMETERS (HSCRP, IL-6) IN EARLY STAGES OF ATHEROSCLEROSIS**

R. Azar, R.P. Nolan, D.E. Stewart, University Health Network (UHN), University of Toronto, ON, Canada

**Board No. 32**

**DIAGNOSIS OF ARTERIOSCLEROSIS BY PULSE WAVE VELOCITY**

T. Kurosu, K. Shimizu, K. Nakamura, K. Hirano, M. Suzuki, J. Suzuki, T. Tomaru, Toho University Medical Center, Sakura, Chiba, Japan

**Board No. 33**

**EFFECT OF SHORT-TERM CARDIAC REHABILITATION ON THE COURSE OF ILLNESS OF MYOCARDIAL INFARCTION**

N. Elahi, S. Davodvand, M. Ahmadi, M. Kardani
Ahvaz Jondishapur Medical Science University, Iran

### POS 307 Poster Session

**MISCELLANEOUS**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>321</td>
</tr>
<tr>
<td>35</td>
<td>322</td>
</tr>
<tr>
<td>36</td>
<td>323</td>
</tr>
</tbody>
</table>

**Board No. 34**

**PRIMARY CARDIAC PHEOCHROMOCYTOMA, A VERY UNUSUAL CARDIAC TUMOR**

G.L. Knop, R.A. Margaria, Argentina Clinic, General Pico, La Pampa, Argentina

**Board No. 35**

**RACIAL DISPARITIES IN CORONARY ANGIOGRAPHY AND NONINVASIVE TESTING: MYTH OR REALITY?**

A. Niraj, V. Veeranna, J. Pradhan, P.V. Vaitkevicius, L. Afonso, H. Fakhry, Wayne State University, Detroit, Michigan, USA

**Board No. 36**

**EFFECTS OF MULTIPLE-SETS RESISTANCE TRAINING ON CARDIOVASCULAR RESPONSES**

C.K.C. Sa, A.M. Costa, A. Martins, A.M. Mendonca, S. Garcia, Escola Bahiana de Medicina e Saude Publica, Bahia, Brazil
### POS 308 Poster Session
**SECONDARY PREVENTION PROGNOSIS, RISK STRATIFICATION, CARDIAC REHAB**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td>324</td>
</tr>
<tr>
<td>38</td>
<td>325</td>
</tr>
<tr>
<td>39</td>
<td>326</td>
</tr>
</tbody>
</table>

#### 37 ENDO THELIAL PROGENITOR CELLS FOLLOWING EXERCISE TRAINING IN HEMODIALYSIS PATIENTS

*F. Manfredini, G.M. Rigolin, A.M. Malagoni, L. Catizone, S. Mandini, E. Mauro, S. Soffritti, B. Boari, P. Zamboni, R. Manfredini,*

*University of Ferrara, Ferrara, Italy*

#### 38 ALBUMINURIA, THE GLOMERULAR FILTRATION RATE, AND ANGIOGRAPHICALLY DETERMINED CORONARY ATHEROSCLEROSIS


*VIVIT Institute, Feldkirch, Austria*

#### 39 CHANGE IN MODIFIABLE RISK FACTORS AMONG PATIENTS WITH OVERWEIGHT AND OBESITY IN CARDIAC REHABILITATION SETTING

*M. Saidi, F. Gerami, A.A. Rashidi, P. Ezati, K. Visi, M. Nalini, S. Rambarzin,*

*F. Najafi,* **A. Sorosh, Kermanshah University of Medical Sciences, Kermanshah, Iran**
**MONDAY, JULY 28, 2008**

**14:00 – 16:30**  
**Hall A**

**PL: 11**  
**Plenary Session**  
**MANAGEMENT OF ATRIAL FIBRILLATION AND ATRIAL FLUTTER**

**Chairpersons:**  
A.B. Curtis, Tampa, FL, USA  
J. Weitz, Hamilton, ON, Canada

**Abstract No.**

14:00  
**NOVEL MECHANISTIC INSIGHTS INTO THE PROGRESSION OF HUMAN ATRIAL FIBRILLATION**  
(Invited Lecture)  
D. Dobrev, Dresden University of Technology, Dresden, Germany

14:15  
**NEW ADVANCES IN ECHOCARDIOGRAPHY IN ATRIAL FIBRILLATION**  
(Invited Lecture)  
A.L. Klein, The Cleveland Clinic Foundation, Cleveland, OH, USA

14:30  
**ACE INHIBITORS, STATINS, ARBS: DO THEY REALLY PREVENT ATRIAL FIBRILLATION?**  
(Invited Lecture)  
A.B. Curtis, University of South Florida, Tampa, FL, USA

14:45  
**LONG-TERM OUTCOMES AFTER ABLATION OF ATRIAL FLUTTER: A META-ANALYSIS**  
(Invited Lecture)  
M.A. Wood, C.M. Schubert, F.J. Perez, K.A Ellenbogen, Virginia Commonwealth University, Richmond, VA, USA

15:00  
**ASPIRIN COMBINED WITH ORAL ANTICOAGULATION AND DIRECT THROMBIN INHIBITORS**  
(Invited Lecture)  
G. Flaker, University of Missouri, Columbia, MO, USA

15:15  
**NEW ORAL ANTICOAGULANTS: THE FUTURE FOR STROKE PREVENTION IN ATRIAL FIBRILLATION**  
(Invited Lecture)  
J. Weitz, Hendersen Research Center, Hamilton, Ontario, Canada

15:30  
**FREQUENCY MAPPING OF COMPLEX ATRIAL FRACTIONATED ELECTROGRAMS (CAFE) DURING ATRIAL FIBRILLATION**  
(Invited Lecture)  
E.P. Gerstenfeld, J.F. Roux, S. Gojraty, C. Liu, R. Bala, M. Hutchinson, S. Dixit, F.E. Marchlinski, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

15:45  
**EMERGENCE OF CRYOABLATION AS A THERAPY FOR ATRIAL FIBRILLATION**  
(Invited Lecture)  
P.G. Guerra, Montreal Heart Institute, Montreal, QC, Canada

16:00  
**RESULTS OF CONCOMITANT INTRAOPERATIVE ABLATION TO TREAT PERMANENT ATRIAL FIBRILLATION**  
(Invited Lecture)  
T. Deneke, K. Khargi, P.H. Grewe, T. Lawo, D. Voss, A. Laczkovics, A. Muegge, B. Lemke, M. Fritz, University of Bochum, Bochum, Germany

16:15  
**GIVING RAT POISON TO PATIENTS IS EVEN MORE DANGEROUS THAN PREVIOUSLY THOUGHT: A RE-EXAMINATION OF LONG-TERM WARFARIN THERAPY**  
(Invited Lecture)  
P. Whittaker, University of Massachusetts, Worcester, MA, USA

16:30  
**COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
MONDAY, JULY 28, 2008

14:00 – 16:30  Hall B

PL:12  Plenary Session
MODULATION OF ISCHEMIA – REPERFUSION INJURY, NOVEL BIOMARKERS

Abstract No.

14:00 MODIFICATION OF THE INFARCT SIZE LIMITING EFFECTS OF STATINS BY ANTIPLATELET DRUGS (Invited Lecture)
Y. Birnbaum, University of Texas, Galveston, TX, USA

14:15 MYOCARDIAL ISCHEMIA-REPERFUSION INJURY IN THE DIABETIC HEART (Invited Lecture)
K. Przyklenk, Wayne State University School of Medicine, Detroit, MI, USA

14:30 CYTOCHROME P450 ENZYMES IN HEART DISEASE (Invited Lecture)
I. Fleming, Klinikum der J.W. Goethe-Universitat, Frankfurt, Germany

14:45 THE ROLE OF THE CHEMOKINES IN HEALING MYOCARDIAL INFARCTION (Invited Lecture)
N.G. Frangogiannis, Baylor College of Medicine, Houston, TX, USA

15:00 FETAL PROGRAMMING INCREASES CARDIAC SUSCEPTIBILITY TO ISCHEMIA/REPERFUSION INJURY (Invited Lecture)
S.T. Davidge, University of Alberta, Edmonton, AB, Canada

15:15 NEW PLAQUE BIOMARKERS FOR ATHEROSCLEROTIC DISEASE PROGRESSION: OUTCOME OF THE LONGITUDINAL ATHERO-EXPRESS STUDY (Invited Lecture)
G. Pasterkamp, F. Moll, D. de Kleijn, University Medical Center, Utrecht, The Netherlands

15:30 SERUM AMYLOID A: A MARKER AND MEDIATOR OF ACUTE CORONARY SYNDROMES (Invited Lecture)
J.G. Filep, Maisonneuve-Rosemont Hospital, Montreal, QC, Canada

15:45 CARDIAC BIOMARKERS IN PULMONARY EMBOLISM AND LUNG DISEASE (Invited Lecture)
I. Khan, University of Maryland, Baltimore, MD, USA

16:00 ELEVATED LEVELS OF TROPONIN IN ACUTE ISCHEMIC STROKE – SILENT CORONARY ARTERY DISEASE? (Invited Lecture)
J. Jensen, Odense University Hospital, Odense, Denmark

16:15 UROCORTIN RELEASE FROM ISCHEMIC, THOUGH VIABLE, CARDIAC CELLS, ANTICIPATES THE OCCURRENCE OF IRREVERSIBLE INJURY. GENESIS OF A NEW CLINICAL MARKER OF SUBLETHAL CARDIAC ISCHEMIA?
C. Chen-Scarabelli, J.D. Rezze, Z. Yuan, E. Kuizon, G.M. Scarabell, G. Spears, L. Saravolatz, T.M. Scarabelli, Wayne State University, Detroit, MI, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 28, 2008

14:00 – 16:45  Hall C

S31  Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

Chairpersons:  L. Harris, Toronto, ON, Canada
                E. Horlick, Toronto, ON, Canada

Abstract No.

14:00  INTERMEDIATE FOLLOW-UP OF NATIVE AND RECURRENT COARCTATION STENT REPAIR, IS INTEGRATED IMAGING OF THE AORTIC ARCH NECESSARY? A MULTI-INSTITUTIONAL STUDY  
G. Srinath, T. Forbes, The Children's Hospital Michigan, Detroit, MI, USA

14:15  A NEW SCORING SYSTEM TO PREDICT INTRAVENOUS IMMUNOGLOBULIN UNRESPONSIVENESS IN PATIENTS WITH KAWASAKI DISEASE  

14:30  THE ISSUE OF ATRIAL FIBRILLATION AFTER TRANSCATHETER PATENT FORAMEN OVALE CLOSURE IN ADULTS  
G. Bronzetti, C. D'angelo, A. Donti, A. Giardini, L. Salomone, E. Mariucci, G. Boriani, F.M. Picchio, University of Bologna, Bologna, Italy

14:45  REMOVAL OF PROSTAGLANDIN E2 INCREASES INTRAOPERATIVE BLOOD PRESSURE DURING MODIFIED ULTRAFILTRATION IN PEDIATRIC CARDIAC SURGERY  
S. Takabayashi, H. Shimpo, K. Yokoyama, Y. Mitani, Y. Komada, Mie University, Tsu, Mie, Japan

15:00  IS THERE AN OPTIMAL TIME FOR THE COMPLETION OF TOTAL CAPOULMONARY CONNECTION AFTER BIDIRECTIONAL GLENN ANASTOMOSIS?  
N. Mkrtchyan, C. Karapetyan, L. Hakoby-an, H. Hovagimian, K. Kur dov, I. Bakunts Nork Marash Medical Center, Yerevan, Armenia

15:15  IMPAIRED LEFT VENTRICULAR GLOBAL AND DIASTOLIC FUNCTION IN CHILDREN WITH END STAGE RENAL DISEASE  
S. Aggarwal, S. Patel, T. Mattoo, R. Valentini, Children's Hospital of Michigan, Detroit, MI, USA

15:30  HEMODYNAMIC RECOVERY OF POST-RESUSCITATION TREATMENT WITH N-ACETYLCYSTEINE AND NOS INHIBITOR IN HYPOXIC PIGLETS  
T-F. Lee, C. Tymafichuk, P-Y. Cheung, University of Alberta, Edmonton, AB, Canada

15:45  MYOCARDIAL PERFORMANCE INDEX - A PRELOAD-INDEPENDENT MEASURE OF LEFT VENTRICULAR GLOBAL FUNCTION  
S. Aggarwal, S. Patel, T. Mattoo, R. Valentini, Children's Hospital of Michigan, Detroit, MI, USA

16:00  EVOLUTION OF TRANSCATHETER CLOSURE OF PERIMEMBRANOUS VENTRICULAR SEPTAL DEFECTS IN A SINGLE CENTRE  
D.P. Kenny, G.M. Morgan, A. Bajwa, C. Farrow, A.J. Tometzki, R.P. Martin, Bristol Royal Hospital for Children, Bristol, UK
14:00 – 16:45 S31 (cont.) Hall C

Abstract No.

16:15 BLOOD GLUCOSE LEVEL NEGATIVELY CORRELATES WITH CEREBRAL OXYGEN SATURATION IN NEONATES AFTER THE NORWOOD PROCEDURE
H. Zhang, M. Merat, H. Holtby, S. Cai, G.S.V. Arsdell, J. Li, University of Toronto, Toronto, Canada

16:30 HEPATIC FIBROSIS AND CIRRHOSIS IN THE FONTAN CIRCULATION: A DETAILED MORPHOLOGICAL STUDY
T.J. Kendall, B. Stedman, N. Hacking, M. Haw, J.J. Vettukattill, A.P. Salmon, R. Cope, N. Sheron, J.P. Iredale, G.R. Veldtman, University Hospital of Southampton, Southampton, UK

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 28, 2008

14:00 – 16:00  Hall D

S32  Session  
GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH  
Chairpersons:  K.N. Pandey, New Orleans, LA, USA

Abstract No.

14:00 LARGE SCALE SNPS ASSOCIATION STUDY TO IDENTIFY GENES CONFER RISK OF MYOCARDIAL INFARCTION  
K. Ozaki, H. Sato, N. Ishii, Y. Ebana, A. Iida, H. Mizuno, M. Hori, Y. Nakamura, T. Tanaka, The Institute of Physical and Chemical Research (RIKEN), Tokyo, Japan

14:15 A COMMON VARIANT OF ENOS GENE IS AN INDEPENDENT RISK FACTOR FOR LEFT VENTRICULAR HYPERTROPHY IN HYPERTENSION  
Y. Xin, X.D. Song, H. Xue, Z. Liu, H. Wang, Y. Shi, Y.Y Bai, C.Y. Fu, W.J. Li, R.T. Hui, Peking Union Medical College, Beijing, China

14:30 LEUKOTRIENE C4 SYNTHASE AND RISK FOR ATHEROSCLEROSIS IN THE MUSCATINE COHORT LONGITUDINAL STUDY  
D.M. Iovannisci, E.J. Lammer, L. Steiner, S. Cheng, L.T. Mahoney, P.H. Davis, T.L. Burns, Children's Hospital and Research Center Oakland, Oakland, CA, USA

14:45 IDENTIFICATION OF MULTIPOTENT MESENCHYMAL PROGENITOR CELLS IN THE PORCINE AORTIC VALVE  
J.H. Chen, C.A. Simmons, University of Toronto, Toronto, ON, Canada

15:00 DIRECTLY TARGETING MYOCARDIAL FIBROSIS WITH FT011 IMPROVES HEART FUNCTION IN EXPERIMENTAL DIABETIC CARDIAC DISEASE  
Y. Zhang, K. Connelly, H. Krum, R.E. Gilbert, D.J. Kelly, University of Melbourne, Melbourne, Australia

15:15 CARDIAC DYSTROPHINOPATHIES: PREVALENCE AND PHENOTYPES IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY  
M. Pasotti, M. Diegoli, A. Serio, A. Pilotto, N. Marziliano, M. Grasso, F. Gambarin, E. Porcu, S. Mannarino, E. Arbustini Centre for Inherited Cardiovascular Diseases, Pavia, Italy

15:30 RECENT ADVANCES IN AUTOLOGOUS TISSUE HEART VALVES “BIOVALVES” H: IMPROVED SCAFFOLDS FOR OPTIMAL TISSUE FORMATION AND VALVULAR FUNCTIONS  
K. Kanda, K. Hayashida, M. Onoyma, T. Tajikawa, H. Ishida, Y. Yahata, K. Ooba, T. Ooie, Y. Okamoto, Y. Nemoto, H. Ueda, T. Watanabe, M. Yamanami, H. Yaku, Y. Nakayama, Kyoto Prefectural University of Medicine, Kyoto, Japan

15:45 DEVELOPMENT OF NEW CORONARY ARTERIES DUE TO ANGIogenic NOS3 GENE THERAPY (SV22) CIRCUMVENTS CORONARY ARTERY DISEASE (CAD)  
J. Giannios, N. Kolliopoulos, N. Alexandropoulos, A. Kanellopoulos, Erasino Hospital, Athens, Greece

16:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL:13 Plenary Session
NEW CONCEPTS IN TRANSLATIONAL CARDIAC REPAIR AND REGENERATION

Chairpersons: R.J. Lee, San Francisco, CA, USA
H.N. Sabbah, Detroit, MI, USA

Abstract No.

16:45 RECONSTRUCTION OF THE FAILING LEFT VENTRICLE WITH INTRAMYOCARDIAL INJECTIONS OF BIOPOLYMERS (Invited Lecture) H.N. Sabbah, Henry Ford Hospital, Detroit, MI, USA

17:00 MESENCHYMAL STROMAL CELL THERAPY IN HEART DISEASE (Invited Lecture) J. Kastrup, University Hospital Rigshospitalet, Copenhagen, Denmark

17:15 IN SITU TISSUE ENGINEERING FOR THE TREATMENT OF CARDIOMYOPATHY (Invited Lecture) R.J. Lee, University of California, San Francisco, CA, USA

17:30 THE ROLE OF ENDOTHELIAL PROGENITOR CELLS IN ATHEROSCLEROSIS AND CORONARY ARTERY DISEASE (Invited Lecture) S-J. Lin, P.H. Huang, J.W. Chen, Taipei Veterans General Hospital, Taipei, Taiwan-R.O.C.

17:45 HUMAN SERCA2A CONTROLS VASCULAR SMOOTH MUSCLE CELL PROLIFERATION A-M. Lompre, A. Coulombe, S. Lehoux, B. Esposito, F. Atassi, C. Le Feuvre, S. Hatem, R.J. Hajjar, L. Lipskaia, Mount Sinai School of Medicine, New York, NY, USA

18:00 THE MOLECULAR REGULATION OF GHRELIN EXPRESSION IN CULTURED CARDIOMYOCYTES BY CYCLIC MECHANICAL STRETCH B.W. Wang, Y.C. Liu, H. Chang, K.G. Shyu, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan


18:30 HSPA12B IS A NOVEL ANGIGENESIS REGULATOR AND PROTECTS AGAINST ISCHEMIA/REPERFUSION INJURY IN A RAT MODEL Z. Han, R. Steagall, M. Thirunavukkarasu, J. Zhan, N. Maulik, East Tennessee State University, Johnson City, TN, USA

18:45 SUSTAINED REVERSE REMODELING IS OBSERVED UP TO SIX MONTHS AFTER MESENCHYMAL STEM CELLS (MSC) TRANSPLANTATION E.J. Molina, D. Torres, J. Palma, D. Gupta, J.P. Gaughan, M. Macha, Temple University School of Medicine, Philadelphia, PA, USA
19:00  TNF PRE CONDITIONING IS SUPERIOR TO HYPOXIC PRECONDITIONING OF HUMAN STEM CELLS IN ANGIogenic GROWTH FACTOR PRODUCTION  
P.R. Crisostomo, M. Wang, Y. Wang, T. Lahm, D.R. Meldrum, Indiana University, Indianapolis, IN, USA

19:15  FT011 IMPROVES HEART FUNCTION AND PREVENTS FIBROSIS IN EXPERIMENTAL MYOCARDIAL INFARCTION  
K. Connelly, Y. Zhang, M. Elsik, H. Krum, R.E. Gilbert, D.J. Kelly, University of Melbourne, Melbourne, Australia

19:30  PEPTIDASES DEGRADING CARDIOPROTECTIVE NATRIURETIC PEPTIDES: A NEW TARGET FOR THE TREATMENT OF CARDIOVASCULAR DISEASES? (Invited Lecture)  
T. Walther, Charite-Universitatsmedizin, Berlin, Germany
MONDAY, JULY 28, 2008

16:45 – 18:45  Hall B

PL:14  Plenary Session
CARDIOVASCULAR DISEASE IN WOMEN/ EPIDEMIOLOGY/ RISK ASSESSMENT

Chairpersons:  E.L. Barrett-Connor, San Diego, CA, USA
                V. Bittner, Alabama, USA

Abstract No.

16:45 CIRCADIAN ASPECTS OF CARDIOVASCULAR DISEASES  379
(Invited Lecture)
R. Manfredini, Hospital of Delta, Ferrara, Italy

17:00 HEART FAILURE IN WOMEN: REALLY DIFFERENT OR JUST PCs?  381
(Invited Lecture)
M.R. Johnson, University of Wisconsin, Madison, WI, USA

17:15 DYSLIPIDEMIA IN WOMEN: EPIDEMIOLOGY AND TREATMENT  382
(Invited Lecture)
V. Bittner, University of Alabama at Birmingham, Alabama, USA

17:30 OUTCOMES FOR WOMEN FOLLOWING CARDIAC SURGERY  383
(Invited Lecture)
V. Guru, Institute for Clinical Evaluative Sciences, Toronto, ON, Canada

17:45 PREGNANCY AND HEART DISEASE – UNDERSTANDING THE RISKS  384
(Invited Lecture)
C. Silversides, University Health Network, Toronto, ON, Canada

18:00 COFFEE AND CORONARY DISEASE (Invited Lecture)  385
A. L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA

18:15 INTERMITTENT CLAUDICATION: WALKING DISABILITY OR CARDIOVASCULAR DISEASE? (Invited Lecture)  386
F. Manfredini, University of Ferrara Medical School, Ferrara, Italy

18:30 HEART RATE - THE OTHER CV RISK FACTOR? (Invited Lecture)  387
S. Gupta, Whipps Cross and St. Bartholomew's Hospitals, Leytonstone, UK
16:45 – 19:30  Hall C

S33  Session
NEW APPROACHES TO SURGICAL REVASCULARIZATION / HEART VALVE SURGERY / CARDIAC TRANSPLANTATION

Chairpersons:  J.A. Elefteriades, New Haven, CT, USA
              N.M. Rajamannan, Chicago, IL, USA

Abstract No.

16:45 COMPARISON OF CLINICAL AND ECONOMIC OUTCOMES OF TWO ANTIBIOTIC PROPHYLAXIS REGIMENS FOR STERNAL WOUND INFECTION IN HIGH-RISK PATIENTS FOLLOWING CORONARY ARTERY BYPASS GRAFTING SURGERY: A PROSPECTIVE RANDOMISED DOUBLE-BLIND CONTROLLED TRIAL
K. Dhadwal, S. Al-Ruzzeh, T. Athanasiou, M. Choudhry, P. Tekkis, P. Vuddamalay, H. Lyster, M. Amrani, S.J. George, Harefield Hospital, Harefield, UK

17:00 URGENT STENT GRAFT TREATMENT OF THE THORACIC AORTA: DO MIDTERM CLINICAL OUTCOMES FULFILL WHAT EARLY OUTCOMES PROMISED?
A. Zierer, M. Doss, Johann Wolfgang Goethe University, Frankfurt/Main, Germany

17:15 ROLE OF 24 HOUR AMBULATORY BLOOD PRESSURE MONITORING AFTER HEART TRANSPLANTATION IN PEDIATRIC PATIENTS: PRELIMINARY RESULTS
F.I. Calo Carducci, G. Grutter, U. Giordano, C. Iacoella, F. Parisi, Pediatric Hospital Bambino Gesù, Rome, Italy

17:30 POTENTIAL ROLE OF CIRCULATING PROGENITOR CELLS IN CORONARY MICROVASCULAR DYSFUNCTION OF HEART TRANSPLANT PATIENTS WITH NORMAL CORONARY ANGIOGRAMS
E. Osto, F. Tona, G.P. Fadini, G. Tarantini, I. Baesso, M. Napodano, C. Agostini, A. Avogaro, G. Gerosa, S. Iliceto, University of Padova, Padova, Italy

17:45 IMPACT OF RENAL INSUFFICIENCY ON OUTCOMES OF OFF-PUMP CORONARY ARTERY BYPASS GRAFTING
G.C. Mannam, L.R. Sajja, R.M. Chakravarthi, The Institute of Medical Sciences, Hyderabad, AP, India

18:00 IMPACT OF PATIENT-PROSTHESIS MISMATCH ON EXERCISE CAPACITY IN PATIENTS AFTER BIOPROSTHETIC AORTIC VALVE REPLACEMENT
S. Bleiziffer, W.B. Eichinger, I. Hettich, D. Ruzicka, M. Wottke, R. Bauernschmitt, R. Lange, German Heart Center Munich, Munich, Germany

18:15 POOR CORRELATION OF PULMONARY SYSTOLIC PRESSURE USING ECHOCARDIOGRAPHY VERSUS RIGHT HEART CATHETERIZATION IN PATIENTS AWAITING HEART TRANSPLANTATION
R. Attaran, B. Boudi, R. Movahed, University of Arizona, Tucson, AZ, USA
16:45 – 19:30 S33 (cont.) Hall C

Abstract No.

18:30 ROSS REVERSAL: REIMPLANTATION OF THE PULMONARY AUTOGRAFT INTO THE PULMONARY POSITION
K.M. George, M.J. Flynn, E.R. Nowicki, E.H. Blackstone, G.B. Pettersson, Cleveland Clinic, Cleveland, OH, USA

18:45 CAUSE OF ISCHEMIC MITRAL REGURGITATION AFTER CORONARY ARTERY BYPASS GRAFTING
T. Hakala, H Suurmunne, J. Mustonen, J. Kouri, O. Pitkanen, North Karelia Central Hospital, Joensuu, Finland

19:00 RIGHT VENTRICULAR OUTFLOW TRACT RECONSTRUCTION USING A HAND-FASHIONED EPTFE VALVE-EQUIPPED CONDUIT
S. Takabayashi, H. Shimpo, K. Yokoyama, Y. Mitani, Y. Komada, Mie University, Tsu, Mie, Japan

19:15 IMPACT OF FIBRONECTIN AND MYELOPEROXIDASE IN CORONARY ARTERY DISEASE
A Orman, M.N. Akkus, N. Ercetin, G. Polat, S. Erden, A. Camsari, D. Cicek, V.G. Cin, Mersin University, Mersin, Turkey
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>401</td>
<td>A NEW TISSUE DOPPLER BASED DIASTOLIC TIME INTERVAL PREDICTS RAISED PULMONARY WEDGE PRESSURE IN MITRAL VALVE DISEASE</td>
<td>V. Chaturvedi, S. Seth, A. Roy, V.K. Bahl, All India Institute of Medical Sciences, New Delhi, India</td>
</tr>
<tr>
<td>2</td>
<td>402</td>
<td>REDO AVR CAN BE PERFORMED WITH AN ACCEPTABLE PERIOPERATIVE RISK</td>
<td>S. Christiansen, M. Schmid, R. Autschbach, University of Aachen, Aachen, Germany</td>
</tr>
<tr>
<td>3</td>
<td>403</td>
<td>REDO VERSUS FIRST PERCUTANEOUS BALLOON MITRAL VALVOTOMY FOR MITRAL STENOSIS: RESULTS AND FACTORS RELATED TO TIME TO REDO PROCEDURE</td>
<td>O.A. Rifaie, M.I. Mohamad, M.M.Helmi, M.M. Elbiali, AinShams University, Cairo, Egypt</td>
</tr>
<tr>
<td>4</td>
<td>404</td>
<td>MITRAL ANNULUS CALCIFICATION IS INDEPENDENTLY ASSOCIATED WITH ALL CAUSE MORTALITY</td>
<td>C. Manrique, A. Martinez, M.A. Rahman, H.A. Guima, M.R. Movahed, University of Arizona, Southern Arizona VA Health Care System, Tucson, AZ, USA</td>
</tr>
<tr>
<td>7</td>
<td>407</td>
<td>LONGTERM OUTCOMES FOR REVASCULARIZATION AND VALVULAR CARDIAC SURGERY IN OCTOGENARIAN: A COMPARATIVE STUDY</td>
<td>R.K. Chaturvedi, B. DeVarennes, K. Lachapelle, McGill University, Montreal, QC, Canada</td>
</tr>
<tr>
<td>8</td>
<td>408</td>
<td>RHEUMATIC HEART DISEASE IN SCHOOL CHILDREN: AN ECHOCARDIOGRAPHIC STUDY</td>
<td>K.L. Periwal, R. B. Panwar, B.K. Gupta, P.C. Khatri, V.B. Singh, S. Raja, R. Gupta, S. P Medical College, Bikaner Rajasthan, India</td>
</tr>
</tbody>
</table>
MONDAY, JULY 28, 2008

14:00 – 18:00  Poster Hall

POS 402  Poster Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

Board No.  Abstract No.
9  PKC-Å SUBUNIT RELOCATES TO THE MITOCHONDRIA IN UROCORTIN-POSITIVE CARDIAC MYOCYTES OF PATIENTS UNDERGOING ON-PUMP CARDIAC SURGERY 409
J.D. Rezze, C. Chen-Scarabelli, Z. Yuan, E. Kuizon, G.M. Scarabelli, G. Spears, L. Saravolatz, T.M. Scarabelli, Wayne State University, Detroit, MI, USA

10  EFFECTS OF EPO ADMINISTRATION ON THE GENE EXPRESSION OF PERIPHERAL BLOOD CELLS IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION SHOWS DIFFERENCES IN APOPTOTIC, INFLAMMATORY AND ANGIOGENIC PATHWAYS 410
N. Marziliano, M. Grasso, E. Porcu, A. Pilotto, M. Ferrario, M. Diegoli, L. Tavazzi, E. Arbustini, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

POS 403  Poster Session
HYPERTENSION: BASIC AND CLINICAL

11  LEFT VENTRICULAR HYPERTROPHY AND HYPERTENSION ARE ASSOCIATED WITH OBESITY IN HEALTHY TEENAGERS 411
M.R. Movahed, A. Martinez, S. Bates, S. Sattur, University of Arizona, Southern Arizona VA Health Care System, Tucson, AZ, USA

12  NORMALIZED DYNAMIC BLOOD PRESSURE PARAMETERS – ADDITIONAL MARKER OF HYPERTENSION RISK 412
P. Jurak, J. Halamek, V. Vondra, P. Leinweber, P. Frana, M. Plachy, M. Soucek, T. Kara, Institute of Scientific Instruments, Brno, Czech Republic

13  A LOW E/A RATIO AND A PROTRACTED ISOVOLUMETRIC RELAXATION TIME PREDICT CARDIOVASCULAR OUTCOMES IN PATIENTS WITH HYPERTENSION 413
C. Esis, M. Bracho, E. Silva, A. Gonzalez, S. Briceno, Universidad del Zulia, IECTAS, Maracaibo, Venezuela

14  THE EFFECTS OF ANTI-HYPERTENSIVE DRUGS ON DIASTOLIC AND SYSTOLIC HYPERTENSION IN CHINESE 414
Y.F. Han, X.H. Fan, K. Sun, W.J. Li, X.J. Wang, J.Z. Cheng, Y.S. Zhen, Y. Zheng, X. Yang, R.T. Hui, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China

15  FIXED DOSE PERINDOPRIL AND AMLODIPINE IN HYPERTENSION INADEQUATELY MANAGED WITH COMBINATION TREATMENT 415
H.P. Thacker, Jaslok Hospital & Research Center, Mumbai, Maharashtra, India
POS 404 Poster Session
MODIFICATION OF LIPOPROTEINS AND CORONARY DISEASE

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>416</td>
</tr>
<tr>
<td>17</td>
<td>417</td>
</tr>
<tr>
<td>18</td>
<td>418</td>
</tr>
<tr>
<td>19</td>
<td>419</td>
</tr>
</tbody>
</table>

16 LIPID PREDICTORS OF CARDIOVASCULAR EVENTS IN STATIN-TREATED CORONARY PATIENTS WITH TYPE 2 DIABETES
H. Drexel, S. Aczel, A. Vonbank, C.H. Saely, VIVIT Institute, Feldkirch, Austria

17 EFFECT AND TOLERABILITY OF EXTENDED RELEASE FORM OF NICOTINIC ACID IN THE MANAGEMENT OF MIXED DYSLIPIDEMIA
S.H. Kim, J.H. Zo, M.A. Kim, H.S. Kim, H.L. Lee, Seoul Metropolitan Boramae Hospital, Seoul, Korea

18 LDL-APHERESIS AND THE ACUTE REDUCTION OF INFLAMMATORY HDL-C
P.M. Moriarty, J.M. Belmont, A. Kumar, I. Opole, Kansas University Medical Center, Kansas City, KS, USA

19 NON-HDL, WAIST CIRCUMFERENCE VS. TRIGLYCERIDE, WAIST CIRCUMFERENCE IN DETECTING HIGH CARDIOVASCULAR DISEASE RISK
D. Joshi, J. Liu, Brock University, St. Catharines, ON, Canada

POS 405 Poster Session
SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION, CARDIAC REHAB

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>420</td>
</tr>
<tr>
<td>21</td>
<td>421</td>
</tr>
<tr>
<td>22</td>
<td>422</td>
</tr>
<tr>
<td>23</td>
<td>423</td>
</tr>
<tr>
<td>24</td>
<td>424</td>
</tr>
</tbody>
</table>

20 DIFFERENCES IN FACTORS AFFECTING CARDIAC REHABILITATION REFERRAL BY PHYSICIAN SPECIALTY
S.L. Grace, K. Grewal, D.E. Stewart, York University, Toronto, ON, Canada

21 KEY ROLE OF LOW HDL CHOLESTEROL FOR THE ASSOCIATION OF THE METABOLIC SYNDROME WITH INFLAMMATION IN CORONARY PATIENTS

22 CARDIOVASCULAR STRAIN IN PERIPHERAL ARTERIAL DISEASE. A STUDY WITH NEAR INFRARED SPECTROSCOPY
F. Manfredini, M. Felisatti, A.M. Malagoni, S. Mandini, R. Manfredini, F. Mascoli, P. Zamboni, University of Ferrara, Ferrara, Italy

23 CHANGES OF TREATMENT GAP IN THE MANAGEMENT OF HYPERCHOLESTEROLEMIA IN THE PATIENTS WITH CORONARY HEART DISEASE

24 THE BENEFITS OF ATORVASTATIN IN PATIENTS WITH ISCHEMIC STROKE
N.N. Kipshidze, S.D. Chumburidze, N.G. Ninua, The National Center of Therapy, Tbilisi, Georgia
**Board No.** | **Abstract No.**  
--- | ---  
25 | ARE CARDIOVASCULAR RISK FACTORS DIFFERENT IN OLD WOMEN AND MEN?  
D. Pop, D. Zdrenghea, A. Sitar –Taut, M. Cebanu, D. Colcear, University of Medicine and Pharmacy, Cluj-Napoca, Romania  
26 | DO TRADITIONAL CARDIOVASCULAR RISK FACTORS PREDICT EXTENT OF ANGIOGRAPHIC STENOSIS IN ELDERLY PATIENTS?  
V. Veeranna, J. Pradhan, A. Niraj, H. Fakhry, L. Afonso, Sinai-Grace Hospital, Detroit, Michigan, USA  
27 | CORONARY HEART DISEASE RISK IN SCHIZOPHRENIC AND SCHIZOAFFECTIVE INPATIENTS WITH METABOLIC SYNDROME  
S. Kaushik, A. Khan, S. Kaushik, J.P. Lindenmayer, Nathan Kline Institute, Orangeburg, NY, USA  
28 | RECURRENCE RATE AFTER REVASCULARIZATION IN PATIENTS WITH UNSTABLE AND STABLE CORONARY ARTERY DISEASE  
K.V. Korzhenevskaya, I.T. Abesadze, M.Z. Alugishvili, E.V. Kuleshova, M.N. Prokudina, P.S. Kozlov, E.S. Klokova, A.V. Panov, Almasov Federal Heart, Blood and Endocrinology Centre, Saint-Petersburg, Russia  
29 | CONTRAST INDUCED NEPHROPATHY IN HIGH RISK PATIENTS UNDERGOING DRUG ELUTING STENT IMPLANTATION  
30 | USE OF PHYSICAL ACTIVITY AS A DEPRESSION TREATMENT IN CARDIAC PATIENTS  
S.L. Grace, C. Tam, R.R. Reid, K. Williamson, D.E. Stewart, York University, Heslington, York, UK  

**POS 406 Poster Session**  
SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION, CARDIAC REHAB  
31 | ASSOCIATION OF CAROTID INTIMA MEDIA THICKNESS WITH CARDIOVASCULAR RISK FACTORS IN ADULTS  
32 | PROGNOSIS OF EARLY POST-INFARCTION ANGINA  
P. Erceg, N. Despotovic, D.P. Milosevic, M. Davidovic, Gerontology Department, City Hospital Center, Belgrade, Serbia  
33 | ANTIOXIDANT MARKERS AND CARDIOVASCULAR RISK FACTORS IN AZOREAN SUBJECTS WITH CORONARY ARTERY DISEASE  
### POS 407 Poster Session
**PRACTICE GUIDELINES, COST CONTAINMENT**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>434</td>
<td>EFFECT OF NURSE MANAGED CLINIC ON READMISSION IN PATIENTS WITH HEART FAILURE</td>
<td>H. Farshidi, M. Nikparvar, A. Karbasi, S. Salehi, Hormozgan University of Medical Sciences, Bandar Abbass, Iran</td>
<td></td>
</tr>
</tbody>
</table>

### POS 408 Poster Session
**ANTITHROMBOTIC AND ANTIPLATELET ADJUNCTIVE THERAPY FOR PTCA**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>436</td>
<td>AN INTERACTION BETWEEN STATINS AND CLOPIDOGREL &quot;A PHARMACOEPIDEMIOLOGY COHORT STUDY WITH TIME-DEPENDENT ANALYSIS</td>
<td>A. Blagojevic, J.A.C. Delaney, N. Dendukuri, J.F. Boivin, J.M. Brophy, McGill University, Montreal, QC, Canada</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>437</td>
<td>SAFETY OF ENOXAPERIN VERSUS UNFRACTIONATED HEPARIN IN ELECTIVE PCI</td>
<td>M.J. ZibaeeNezhad, M.J. ZibaeeNezhad Cardiovascular Research Center, Shiraz, Iran</td>
<td></td>
</tr>
</tbody>
</table>

### POS 411 Poster Session
**PHARMACOLOGIC STRESS TESTING - ECHOCARDIOGRAPHY**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>438</td>
<td>EXERCISE ECHOCARDIOGRAPHY TO EVALUATE PHYSIOLOGICAL SIGNIFICANCE OF CORONARY ARTERY STENOSIS</td>
<td>S. Moustafa, S. Lessard, C. Sauve, R. Amyot, University of Montreal, Montreal, QC, Canada</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>439</td>
<td>DIFFERENCES IN ECHOCARDIOGRAPHIC AND GRADED EXERCISE PARAMETERS IN PATIENTS WITH LEFT ATRIAL ABNORMALITY</td>
<td>V. Ariyarajah, A. Raja, J. Fernandes, A. Khadem, I. Barac, S. Apiyasawat, D.H. Spodick, University of Manitoba, Winnipeg, MB, Canada</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>440</td>
<td>SEVERITY OF CORONARY STENOSIS AND ISCHEMIA DETECTED BY DOBUTAMINE STRESS ECHOCARDIOGRAPHY</td>
<td>S. Moustafa, S. Lessard, C. Sauve, R. Amyot, University of Montreal, Montreal, QC, Canada</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>441</td>
<td>APPROPRIATENESS OF USING STRESS ECHOCARDIOGRAPHY AND OTHER STRESS MODALITIES FOR EVALUATING SUSPECTED CORONARY ISCHEMIA IN PATIENTS PRESENTING TO A TERTIARY CARE CHEST PAIN UNIT</td>
<td>E. Akhras, M. Abdul-Malek, N. Salem, J. Mccord, K. Ananthasubramaniam, Henry Ford Hospital, Detroit, MI, USA</td>
<td></td>
</tr>
<tr>
<td>Board No.</td>
<td>Abstract No.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>442</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ASSESSMENT OF RIGHT VENTRICULAR FUNCTION IN ACUTE COR PULMONALE BY STRAIN DOPPLER ECHOCARDIOGRAPHY**

A. Vitarelli, Y. Conde, S. D'Orazio, S. Stellato, G. Continanza, L. Capotosto, O. Dettori, C. Terzano, La Sapienza University, Rome, Italy
TUESDAY, JULY 29, 2008

08:30 – 11:00  Hall A

PL: 15  Plenary Session
NEW HORIZONS IN THE MANAGEMENT OF HEART FAILURE

Chairpersons:  R. Hobbs, Cleveland, OH, USA
              B.I. Jugdutt, Alberta, AB, Canada

Abstract No.

08:30  DIETARY AND LIFESTYLE FACTORS AND HEART FAILURE  443
(Invited Lecture)
L. Djoussé, J. Gaziano, Harvard Medical School and Brigham &
Women's Hospital, Boston, MA, USA

08:45  RECENT TRENDS IN SURVIVAL, HOSPITALIZATION AND   444
TREATMENT OF HEART FAILURE (Invited Lecture)
P. Heidenreich, VA Palo Alto Health Care System, Palo Alto, CA, USA

09:00  HEALING AND REMODELING AFTER STEMI IN THE ELDERLY   445
(Invited Lecture)
B.I. Jugdutt, University of Alberta, Edmonton, Alberta, Canada

09:15  ADENOSINE RECEPTOR ANTAGONISTS IN HEART FAILURE   446
(Invited Lecture)
R. Hobbs, Cleveland Clinic, Cleveland, OH, USA

09:30  TREATMENT OF HEART FAILURE WITH A REDUCED LEFT   447
VENTRICULAR EJECTION FRACTION (Invited Lecture)
W.S. Aronow, New York Medical College, Valhalla, NY, USA

09:45  DESIGNING NON-RCT STUDIES LIKE RCT USING PROPENSITY   448
SCORE MATCHING: EVIDENCE FOR DIURETICS, HYPOKALEMIA,
AND POTASSIUM SUPPLEMENTS IN CHRONIC HEART FAILURE
(Invited Lecture)
A. Ahmed, University of Alabama, Birmingham, AL, USA

10:00  ONLY LARGE REDUCTIONS IN B-TYPE NATRIURETIC PEPTIDES   449
ARE ASSOCIATED WITH IMPROVED OUTCOME IN HEART FAILURE
PATIENTS (Invited Lecture)
W.L. Miller, K.A.. Hartman, A.S. Jaffe, Rochester Mayo Clinic, Rochester,
MN, USA

10:15  RIGHT VENTRICLE – SPECIFIC THERAPIES IN PULMONARY   450
HYPERTENSION AND HEART FAILURE (Invited Lecture)
E.D. Michelakis, University of Alberta, Edmonton, AL, Canada

10:30  HEART FAILURE MANAGEMENT PROGRAMMES: 451
WHICH INTERVENTIONS WORK? (Invited Lecture)
F. Gustafsson, Rigshospitalet, Copenhagen, Denmark

10:45  NEW CARDIAC ENHANCERS FOR THE TREATMENT OF   452
ACUTE HEART FAILURE SYNDROMES: CLINICAL ADVANTAGES
AND DRAWBACKS (Invited Lecture)
J. Parissis, Attikon University Hospital, Athens, Greece

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
TUESDAY, JULY 29, 2008

08:30 – 10:45 Hall B

PL: 16 Plenary Session
IDENTIFICATION AND TREATMENT OF HIGH RISK ASYMPTOMATIC PATIENTS

Chairpersons:  
M. Motro, Tel Hashomer, Israel  
T. Tomaru, Chiba, Japan

08:30 THE PROGNOSTIC VALUE OF CT CORONARY CALCIFICATION IN ASYMPTOMATIC INDIVIDUALS (Invited Lecture)  
M. Motro, Chaim Sheba Medical Center, Tel Hashomer, Israel

08:45 PREDICTION OF CORONARY ARTERY DISEASE (Invited Lecture)  
T. Tomaru, K. Shimizu, T. Kurosu, K. Nakamura, Toho University Medical Center Sakura Hospital, Sakura, Chiba, Japan

09:00 INCREMENTAL VALUE OF CT TO SPECT IN PATIENT MANAGEMENT (Invited Lecture)  
J.J. Mahmarian, The Methodist Hospital, Houston, TX, USA

09:15 SUBCLINICAL CARDIOVASCULAR DISEASE: WHAT DOES IT MEAN? (Invited Lecture)  
M.H. Criqui, University of California, San Diego, La Jolla, CA, USA

09:30 TISSUE CHARACTERIZATION IN RENAL ARTERIES (Invited Lecture)  
V. Mathew, Mayo Clinic, Rochester, MN, USA

09:45 THE LEFT ATRIUM AND ITS ROLE IN MYOCARDIAL ISCHEMIA (Invited Lecture)  
V. Ariyarajah, University of Manitoba, Winnipeg, MB, Canada

10:00 ATHEROSCLEROTIC CALCIFICATION – THE CARDIOVASCULAR EPIDEMIOLOGY OF WHOLE BODY SCANNING (Invited Lecture)  
M. Allison, University of California San Diego, CA, USA

10:15 NUCLEAR STRESS TESTING IN WOMEN: MORE THAN JUST MYOCARDIAL PERFUSION? (Invited Lecture)  
J.W. Askew, Mayo Clinic, Rochester, MN, USA

10:30 SENSITIVITY, SPECIFICITY, POSITIVE PREDICTIVE VALUE, AND NEGATIVE PREDICTIVE VALUE OF 64-CHANNEL MULTISLICE CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY IN PREDICTING OBSTRUCTIVE CORONARY ARTERY DISEASE DIAGNOSED BY CORONARY ANGIOGRAPHY IN PATIENTS WITH SUSPECTED CORONARY ARTERY DISEASE (Invited Lecture)  

10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
### S34 Session

**VALVULAR HEART DISEASE / HEART VALVE SURGERY**

**Chairperson:** M.E. Fawzy, Riyadh, Saudi Arabia

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors / Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>462</td>
<td>20 YEARS FOLLOW-UP RESULTS OF PULMONARY BALLOON VALVULOPLASTY IN ADULTS AND THE FATE OF CONCOMITANT INFUNDIBULAR STENOSIS AND TRICUSPID REGURGITATION</td>
<td>M.E. Fawzy, A. Badr, S. El Amraoiu, O. Nowayhed, I. Ibrahim, S. Shah, C. Canver, King Faisal Specialist Hospital &amp; Research Center, Riyadh, Saudi Arabia</td>
</tr>
<tr>
<td>08:45</td>
<td>463</td>
<td>LOW BODY MASS INDEX AND BODY SURFACE AREA ARE INDEPENDENTLY ASSOCIATED WITH AORTIC REGURGITATION</td>
<td>M.R. Movahed, C. Manrique, A. Martinez, R. Ebrahimi, Southern Arizona VA Health Care System, Tucson, AZ, USA</td>
</tr>
<tr>
<td>09:00</td>
<td>464</td>
<td>COMPARISON BETWEEN IN VIVO SEEDING AND IN SITU CELL ATTRACTION FOR THE RECELLULARISATION OF HEART VALVE BIOPROSTHESES</td>
<td>G. De Visscher, W. Flameng, Katholieke Universiteit Leuven, Belgium</td>
</tr>
<tr>
<td>09:15</td>
<td>465</td>
<td>MATRIX STIFFNESS DIRECTS OSTEOGENIC AND MYOFIBROGENIC DIFFERENTIATION OF VALVE FIBROBLASTS</td>
<td>C.Y.Y. Yip, C.A. Simmons, University of Toronto, Toronto, ON, Canada</td>
</tr>
<tr>
<td>09:30</td>
<td>466</td>
<td>INCREASED CARDIAC TROPNIN I LEVELS IN INFECTIVE ENDOCARDITIS IS ASSOCIATED WITH INCREASED IN-HOSPITAL MORTALITY AND VALVE REPLACEMENT</td>
<td>P. Tsenovoy, W.S. Aronow, J. Joseph, M.S. Kopacz New York Medical College, Valhalla, NY USA</td>
</tr>
<tr>
<td>09:45</td>
<td>467</td>
<td>TRANSCATHETER AORTIC VALVE IMPLANTATION – IN GOOD HANDS WITH CARDIAC SURGEONS</td>
<td>S. Bleiziffer, H. Ruge, D. Mazzitelli, C. Schreiber, A. Hutter, J.C. Laborde, R. Bauernschmitt, R. Lange, German Heart Center Munich, Munich, Germany</td>
</tr>
<tr>
<td>10:00</td>
<td>468</td>
<td>IMPACT OF ROSUVASTATIN ON THE PROGRESSION OF AORTIC STENOSIS CAUSED BY HYPERTENSION</td>
<td>G. Giunta, E. Guevara, G. Yannarelli, L. Gomez Rosso, L. Marziali, F. Brites, R.R. Favoloro, L.A. Cuniberti, Favoloro University, Buenos Aires, Argentina</td>
</tr>
<tr>
<td>10:15</td>
<td>469</td>
<td>REDO VERSUS FIRST BALLOON MITRAL VALVOTOMY FOR RHEUMATIC MITRAL STENOSIS</td>
<td>O.A Rifale, M.I. Ohamad, M.M. Helmi, M.M. Elbiali, Ain Shams University, Cairo, Egypt</td>
</tr>
<tr>
<td>10:30</td>
<td>470</td>
<td>INFLAMMATION/REMODELING MARKERS AND MULTISLICE CT/IMMUNOHISTOCHEMISTRY IN AORTIC VALVE DISEASE</td>
<td>A. Mazzone, A. Vianello, G. Palladini, S. Cappelli, S. Perlini, A. Pompella, D. Chiappino, S. Berti, M. Glauber, P. Tanganelli, Heart Hospital, Massa, Italy</td>
</tr>
<tr>
<td>10:45</td>
<td>471</td>
<td>WHY DO AORTIC VALVES FAIL? A NEW THEORY TO EXPLAIN DEGENERATIVE AORTIC VALVE DISEASE</td>
<td>F. Robicsek, R.F. Padera, A.A. Fokin, M.J. Thubrikar, J. Madjarov, Carolinas Medical Center, Charlotte, NC, USA</td>
</tr>
<tr>
<td>11:00</td>
<td></td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
<td></td>
</tr>
</tbody>
</table>
### TUESDAY, JULY 29, 2008

**11:15 - 13:30 Hall A**

#### PL: 17 Plenary Session

**PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE / MECHANICAL CIRCULATORY SUPPORT**

Chairpersons:  
- **L. Benson**, Toronto, ON, Canada  
- **G.L. Rosenthal**, Cleveland, OH, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Institution/Location</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15</td>
<td>QUALITY IMPROVEMENT IN PEDIATRIC CARDIOLOGY: AN OVERVIEW OF NATIONAL INITIATIVES</td>
<td><strong>G.L. Rosenthal</strong>, Cleveland Clinic Foundation, Cleveland, OH, USA</td>
<td></td>
<td>472</td>
</tr>
<tr>
<td>11:45</td>
<td>PERCUTANEOUS PFO CLOSURE FOR CRYPTOGENIC STROKE AND MIGRAINES, THE SIMPLE WAY</td>
<td><strong>A. Manolis</strong>, Patras University, Athens, Greece</td>
<td></td>
<td>474</td>
</tr>
<tr>
<td>12:00</td>
<td>UPDATE ON PEDIATRIC MECHANICAL CIRCULATORY SUPPORT</td>
<td><strong>B.W. Duncan</strong>, Cleveland Clinic, Cleveland, OH, USA</td>
<td></td>
<td>475</td>
</tr>
<tr>
<td>12:15</td>
<td>PERMANENT MECHANICAL CIRCULATORY SUPPORT: IMPROVED TECHNOLOGY AND OUTCOMES</td>
<td><strong>M. Slaughter</strong>, Advocate Christ Medical Center, Oak Lawn, IL, USA</td>
<td></td>
<td>476</td>
</tr>
<tr>
<td>12:30</td>
<td>MANAGEMENT OF AORTIC DILATION IN CONGENITAL HEART DISEASE</td>
<td><strong>A.T. Yetman</strong>, Primary Children's Medical Center, Salt Lake City, UT, USA</td>
<td></td>
<td>477</td>
</tr>
<tr>
<td>12:45</td>
<td>SUDDEN DEATH IN THE ADULT WITH CONGENITAL HEART DISEASE</td>
<td><strong>L. Harris</strong>, University Health Network, Toronto, ON, Canada</td>
<td></td>
<td>478</td>
</tr>
<tr>
<td>13:00</td>
<td>CONGENITAL INTERVENTION DECISION MAKING</td>
<td><strong>E.M. Horlick</strong>, Toronto General Hospital, Toronto, ON, Canada</td>
<td></td>
<td>479</td>
</tr>
<tr>
<td>13:15</td>
<td>LONG-TERM OUTCOME (UP TO 22 YEARS) OF BALLOON ANGIOPLASTY OF DISCRETE NATIVE COARCTATION OF THE AORTA IN CHILDREN AND ADULTS</td>
<td><strong>M.E. Fawzy</strong>, H. Sergani, F. El Shaer, A. Osman, A. Badr, C. Canver, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia</td>
<td></td>
<td>480</td>
</tr>
<tr>
<td>13:30</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TUESDAY, JULY 29, 2008

11:15 - 13:15

PL: 18

Plenary Session

ISCHEMIC HEART DISEASE / RISK ASSESSMENT / NEW TREATMENT STRATEGIES

Chairpersons:  
P.A. McCullough, Royal Oak, MI, USA  
U. Thadani, Oklahoma City, OK, USA

Abstract No.

11:15

UPDATE ON STABLE ANGINA WITH SPECIAL EMPHASIS ON MANAGEMENT OF NO OPTION (REFRACTORY) ANGINA  
(Underlined Lecture)

U. Thadani, University of Oklahoma, VA Medical Center, Oklahoma City, OK, USA

11:30

NEW INSIGHTS ON ACCELERATED VASCULAR CALCIFICATION IN PATIENTS WITH KIDNEY DISEASE  
(Underlined Lecture)

P.A. McCullough, William Beaumont Hospital, Royal Oak, MI, USA

11:45

REVASCULARIZATION VS SECONDARY PREVENTION: WHAT TO DO WHEN TWO WORLDS COLLIDE (Invited Lecture)

G.W. Barsness, Mayo Clinic, Rochester, MN, USA

12:00

INFLUENZA VACCINATION: THE NEGLECTED COMPONENT OF THE CARDIOVASCULAR PREVENTION GUIDELINES  
(Underlined Lecture)

M. Madjid, S.W. Casscells, Texas Heart Institute, Houston, TX, USA

12:15

COLCHICINE FOR PERICARDITIS: HYPE OR HOPE?  
(Underlined Lecture)

M. Imazio, R. Trinchero , Maria Vittoria Hospital, Torino, Italy

12:30

CLINICAL FEATURES AND IN-HOSPITAL OUTCOMES OF ACUTE CORONARY SYNDROME IN PATIENTS WITH UNDERLYING CONNECTIVE TISSUE DISORDERS

S. Arora, V.A. Doraiswamy, C. Thatikonda, P. Kleist, V. Srinivasan, Western Pennsylvania Hospital/Temple University Program, Pittsburgh, PA, USA

12:45

THE USE OF FIBRATES REDUCES THE RISK OF NON-FATAL MYOCARDIAL INFARCTION BUT DOES NOT AFFECT MORTALITY OR OTHER ADVERSE CARDIOVASCULAR OUTCOMES IN PATIENTS WITH TYPE 2 DIABETES MELLITUS - A POOLED META-ANALYSIS

S.A Saha, R.R. Arora, Sacred Heart Medical Center, Spokane, WA, USA

13:00

DECREASING KIDNEY FUNCTION PREDICTS VASCULAR EVENTS INDEPENDENTLY FROM THE GLOMERULAR FILTRATION RATE AT BASELINE: A PROSPECTIVE COHORT STUDY ON MEN UNDERGOING CORONARY ANGIOGRAPHY FOR THE EVALUATION OF CORONARY ARTERY DISEASE


13:15

LUNCH BREAK, VISIT POSTERS AND EXHIBITION

69
TUESDAY, JULY 29, 2008

11:15 - 14:15  Hall C

S35  Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairperson:  Y. Charuzi, Los Angeles, CA, USA

Abstract No.

11:15  A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY OF THE SAFETY AND EFFICACY OF ADVEGF121 BIORPASS GENE THERAPY IN PATIENTS WITH REFRACTORY ADVANCED CORONARY ARTERY DISEASE: THE NOVA TRIAL
J. Kastrup, E. Jjorgensen, S. Fuchs, S. Nikol, H.E. Boetker, F. Baldazzi, R. Kornowski, Copenhagen University Hospital, Copenhagen, Denmark

11:30  TYPE 2 DIABETES SIGNIFICANTLY MODULATES THE CARDIOVASCULAR RISK CONFERRED BY THE PAI -1 -675 5G/4G POLYMORPHISM
C.H. Saely, A. Muendlein, A. Vonbank, G. Sonderegger, S. Aczel, P. Rein, L. Risch, H. Drexel, VIVIT Institute, Feldkirch, Austria

11:45  RIGHT VENTRICULAR DYSFUNCTION IS COMMON AMONG NONELITE MARATHON RUNNERS AND IS ASSOCIATED WITH TROPONIN ELEVATION - A CARDIAC MAGNETIC RESONANCE STUDY
R. Attaran, B. Boudi, V.S. Sorrell, University of Arizona, Tucson, AZ, USA

12:00  SCREENING FOR DEEP VEIN THROMBOSIS IN ASYMPTOMATIC HIGH RISK PATIENTS: A COMPARISON BETWEEN DIGITAL PHOTOPLETHYSMOGRAPHY AND VENOUS ULTRASONOGRAPHY
B. Sharif-Kashani, N. Behzadnia, P. Shahabi, M. Sadr, Shaheed Beheshti University of Medical Sciences & Health Services, Tehran, Iran

12:15  DETERMINANTS OF ACCURACY AND REPRODUCIBILITY OF LEFT VENTRICULAR FUNCTION ASSESSMENT BY REAL-TIME THREE-DIMENSIONAL ECHOCARDIOGRAPHY
O.I. Soliman, S.W. Kirschbaum, B.M. van dalen, W.B. Vletter, M.L. Geleijnse, F.J. Ten Cate, Erasmus University, Rotterdam, The Netherlands

12:30  THE IMPACT OF LEFT VENTRICULAR GEOMETRY ON MORTALITY – THE OCHSNER EXPERIENCE
S.M. Artham, C.J. Lavie, R.V. Milani, D.K. Patel, H.O. Ventura, Ochsner Medical Center, New Orleans, LA, USA

12:45  RIGHT VENTRICULAR REMODELING: FOLLOW UP WITH 3D ECHOCARDIOGRAPHY AND CARDIAC MAGNETIC RESONANCE
I.A. Grapsa, D. Dawson, D. O'Regan, G. Duringhel, H. Pavlopoulos, J. Hajnal, P. Nihoyannopoulos, Imperial College of London, London, UK

13:00  ROLE OF M-MODE IN DIAGNOSING ATRIAL SEPTAL ANEURYSM (ASA): A CONVENTIONAL TECHNIQUE WITH A NOVEL APPLICATION
R. Garg, A. Khaja, L. Tejwani, K. Aggarwal, University of Missouri-Columbia, Columbia, MO, USA
TUESDAY, JULY 29, 2008

11:15 - 14:15 S35 (cont.) Hall C

Abstract No.

13:15 TISSUE DOPPLER ECHOCARDIOGRAPHY IN PERSONS WITH HYPERTENSION, DIABETES, OR ISCHEMIC HEART DISEASE 497
R. Mogelvang, P. Sogaard, S.A. Pedersen, N.T. Olsen, P. Schnohr, J.S. Jensen, University of Copenhagen, Hellerup, Denmark

13:30 SENSITIVITY, SPECIFICITY, POSITIVE PREDICTIVE VALUE, AND NEGATIVE PREDICTIVE VALUE OF STRESS TESTING VERSUS 64-CHANNEL MULTISLICE CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY IN PREDICTING OBSTRUCTIVE CORONARY ARTERY DISEASE DIAGNOSED BY CORONARY ANGIOGRAPHY 498

13:45 NORMAL RANGE OF MECHANICAL VARIABLES IN PULMONARY HYPERTENSION 499
A. Lopez-Candales, N. Rajagopalan, K. Dohi, K. Edelman, B. Gulyasy, R. Bazaz, University of Pittsburgh, Pittsburgh, PA, USA

14:00 CAN WE REDEFINE THE GOLD STANDARD FOR LEFT ATRIAL APPENDAGE THROMBUS? 500
A. Simmons, T. Rosamond, J. Nath, M. Biria, L. Wetzel, D. Lakkireddy, University of Kansas, Kansas City, KS, USA
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>501</td>
<td>CARDIAC MRI: HOW MUCH MYOCARDIAL DAMAGE IS NECESSARY TO DETECT FOCAL LATE GADOLINIUM ENHANCEMENT?</td>
<td>F. Breuckmann, K. Nassenstein, T. Konorza, C. Naber, G. Kaiser, I. Konietzka, G. Heusch, J. Barkhausen, R. Erbel, University Duisburg-Essen, Essen, Germany</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>502</td>
<td>FEASIBILITY AND SAFETY OF INTRAVENOUS ADMINISTRATION OF LANDIOLOL HYDROCHLORIDE IN MULTISLICE COMPUTED TOMOGRAPHY CORONARY ANGIOGRAPHY</td>
<td>S. Isobi, K. Sato, K. Sugiura, T. Mimura, M. Kobayaghi, C. Meno, M. Kato, H. Ishii, T. Murohara, Kami-Iida Daiichi General Hospital, Nagoya, Japan</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>503</td>
<td>64-SLICE CARDIAC CTA IN THE DIAGNOSIS OF LEFT ATRIAL APPENDAGE THROMBUS: COMPARISON TO TRANSESOPHAGEAL ECHOCARDIOGRAPHY</td>
<td>A. Simmons, T. Rosamond, J. Nath, D. Lakkireddy, L. Wetzel, J. Vacek, R. Pimentel, M. Emer, L. Berenbom, M. Biria, University of Kansas, Kansas City, KS, USA</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>504</td>
<td>ROLE OF CORONARY CT ANGIOGRAPHY IN STAGE 3 CHRONIC KIDNEY DISEASE – RETROSPECTIVE ANALYSIS</td>
<td>A.A. Mohammed, W. Ananthapanyasut, A. Syed, T. Harindhanavudhi, M. Hamarshi, B. Alhariri, T. Takale, E. Lerma, T. Levin, University of Illinois, Chicago, IL, USA</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>505</td>
<td>PATIENTS WITH ECHOCARDIOGRAPHIC AORTIC VALVE CALCIUM OR MITRAL ANNULAR CALCIUM HAVE AN INCREASED PREVALENCE OF MODERATE OR SEVERE CORONARY ARTERY CALCIUM DIAGNOSED BY CARDIAC COMPUTED TOMOGRAPHY</td>
<td>H.M. Lai, W.S. Aronow, S. Kaplan, H. Dilmanian, A.J. DeLuca, M.B. Weiss, R.N. Belkin, New York Medical College, Valhalla, NY, USA</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>506</td>
<td>INCIDENTAL NONCARDIAC FINDINGS USING CARDIAC MULTIDETECTOR COMPUTED TOMOGRAPHY</td>
<td>K. Dajani, P. Ezidinma, Loyola University Medical Center, Maywood, IL, USA</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>508</td>
<td>ROLE OF CORONARY CT ANGIOGRAM IN EVALUATING CORONARY ARTERY DISEASE IN A COMMUNITY HOSPITAL – A RETROSPECTIVE ANALYSIS</td>
<td>A. Mohammed, A. Ariyachaipanich, A. Syed, W. Ananthapanyasut, T. Harindhanavudhi, M. Hamarshi, B. Alhariri, T. Takale, T. Levin, University of Illinois, Chicago, IL, USA</td>
<td></td>
</tr>
</tbody>
</table>
9 PRE-PULSELESS TAKAYASU'S ARTERITIS EVALUATED WITH POSITRON EMISSION TOMOGRAPHY & MAGNETIC RESONANCE
R. Calleja, A. Martinez, P.A. Lamothe, A. Meave, M.E. Soto, P. Reyes, E. Alexanderson, Universidad Nacional Autonoma de Mexico, Ciudad de Mexico, Mexico

POS 502 Poster Session
DRUG THERAPY IN HEART FAILURE: BASIC AND CLINICAL

10 T-TYPE CALCIUM CHANNEL ANTAGONISTS ATTENUATED ALDOSTERONE-INDUCED IL-18 EXPRESSIONS IN RAT CARDIOMYOCYTES
T. Doi, T. Sakoda, T. Akagami, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi, Hyogo College of Medicine, Nishinomiya, Japan

11 TOLERANCE OF LEVOSIMENDAN SUPPLEMENTAL THERAPY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION COMPLICATED BY CARDIOGENIC SHOCK
E. Tsagalou, F. Katsaros, J. Kanakakis, A. Ntalianis, G. Maroulidis, J. Venetsanakos, N. Lazaris, K. Malliaras, E. Kaldara, M. Anastasiou-Nana, University of Athens, Athens, Greece

POS 503 Poster Session
GENETIC DETERMINANTS OF CORONARY HEART DISEASE / CARDIOMYOPATHIES

12 ASSOCIATION BETWEEN THE SEVERITY OF ANGIOGRAPHIC CORONARY ARTERY DISEASE AND PARAOXONASE-1 PROMOTER GENE POLYMORPHISM T(-107)C IN IRANIAN POPULATION
E. Javadi, A. Jalilian, E.B. Djavadi, M. Doosti, P. Amiri, A. Mohaghegh, B. Shariati, Tehran University of Medical Sciences, Tehran, Iran

13 THE ASSOCIATION BETWEEN CIGARETTE SMOKING AND CAROTID INTIMA-MEDIA THICKNESS IS INFLUENCED BY THE -930A/G CYBA GENE POLYMORPHISM: THE CARDIOVASCULAR RISK IN YOUNG FINNS STUDY
M. Fan, O. Raitakari, M. Kahonen, M. Juonala, N. Hutri-Kahonen, I. Porsti, J. Viikari, T. Lehtimaki, Tampere University Hospital, Tampere, Finland

14 THE ASSOCIATION OF ATRIAL TACHYARRHYTHMIAS WITH ISOLATED ATRIAL AMYLOID DISEASE: PRELIMINARY OBSERVATIONS IN AUTOPSIED HEART SPECIMENS
V. Ariyarajah, I. Steiner, P. Hajkova, A. Khadem, J. Kvasnicka, S. Apiyasawat, D.H. Spodick, University of Manitoba, Winnipeg, MB, Canada

15 ASSESSMENT OF CARDIOVASCULAR DISEASE GENETIC RISK FACTORS IN SAO MIGUEL ISLAND POPULATION (AZORES)
C.C. Branco, T. Pereirinha, P.R. Pacheco, R. Cabral, L. Mota-Vieira, Hospital of Divino Espirito Santo of Ponta Delgada, EPE, Azores, Portugal
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>516</td>
</tr>
<tr>
<td>17</td>
<td>517</td>
</tr>
<tr>
<td>18</td>
<td>518</td>
</tr>
<tr>
<td>19</td>
<td>519</td>
</tr>
</tbody>
</table>

**16 PLASMA HOMOCYTEINE LEVEL AND ITS GENOTYPES AS A RISK FACTOR FOR CORONARY ARTERY DISEASE IN PATIENTS UNDERGOING CORONARY ANGIOGRAPHY**

B. Naghshtabrizi, F. Shakerian Ghaferokhi, M. Hajilui, F. Emami, M. Moaddab, Hamedan University of Medical Sciences, Hamedan, Iran

**17 GENETIC STRAIN DIFFERENCES IN PLATELET AGGREGATION AND THROMBUS FORMATION OF LABORATORY RATS**

T. Sudo, H. Hayashi, H. Ito, Y. Nagamura, K. Toga, Y. Yamada, Otsuka Pharmaceutical Co Ltd, Tokushima, Japan

**18 INFLUENCE OF 677 CT POLYMORPHISM OF METHYLENTETRAHYDROFOLATE REDUCTASE ON MEDIUM-TERM PROGNOSIS AFTER ACUTE CORONARY SYNDROMES**


**19 ACTIVATION OF PPAR-ALPHA AND PPAR-GAMMA INDUCES ANGIGENESIS IN VIVO THROUGH A VEGF-DEPENDENT MECHANISM**

R. Pola, F. Biscetti, E. Gaetani, A. Flex, T. Aprahamian, R.C. Smith, J.J. Castellot, Tufts University, Boston, MA, USA

**POS 504 Poster Session**

**GENE TRANSFER AND THERAPY**

**20 GENE THERAPY WITH A REPLICATION DEFECTIVE ADENOVIRAL VECTOR TRANSDUCING WT LQT1 INHIBITED LONG QT SYNDROME**

J. Giannios, N. Kolliopoulos, E. Michailakis, N. Alexandropoulos, Erasino Hospital, Athens, Greece

**21 CIRCUMVENTION OF IDIOPATHIC ATRIAL FIBRILLATION WITH WT GJA5 PLASMID NANOCOMPLEXES OF POLYETHYLENIMINE COVALENTLY LINKED TO CHOL AND POLYETHYLENEGLYCOL**

J. Giannios, N. Kolliopoulos, N. Alexandropoulos, E. Seraj, A. Kanellopoulos, Erasino Hospital, Athens, Greece

**POS 505 Poster Session**

**DRUG THERAPY IN ISCHEMIC HEART DISEASE**

**22 LONG TERM IMPACT OF ANTIANGINAL TREATMENT ON 6 MONTH ALL CAUSE MORTALITY AFTER MYOCARDIAL INFARCTION**

S. Iyengar, G. Rosano, St. John's Medical College Hospital, Bangalore, Karnataka, India
POS 506 Poster Session
NATRIURETIC PEPTIDES, ENDOTHELIN: ROLE IN HEART FAILURE

23 USEFULNESS OF ACOUSTIC CARDIOGRAPHY TO RESOLVE AMBIGUOUS VALUES OF B-TYPE NATRIURETIC PEPTIDE LEVELS IN PATIENTS WITH SUSPECTED HEART FAILURE
M. Zuber, P. Kipfer, C. Attenhofer–Jost, P. Arand, Outpatient Clinic for Cardiology and Internal Medicine, Othmarsingen, Switzerland

24 CORRELATION BETWEEN NT-PRO BNP LEVELS AND RIGHT VENTRICULAR FUNCTION IN PATIENTS WITH CORONARY ARTERY DISEASE AND ABNORMAL LEFT VENTRICULAR WALL MOTION: A MAGNETIC RESONANCE IMAGING STUDY
R. Krittayaphong, T. Boonyasirinant, P. Saiviroonporn, P. Thanapiboonpol, S. Nakyen, S. Udompanturak, Siriraj Hospital, Mahidol University, Bangkok, Thailand

25 BNP IS UNIQUELY REGULATED DURING INFLAMMATION
T. Ogawa, J.P. Veinot, M.L. Kuroski de Bold, A.J. de Bold, University of Ottawa Heart Institute, Ottawa, ON, Canada

26 THE VALUE OF N-TERMINAL FRAGMENT OF BRAIN NATRIURETIC PEPTIDE IN THE CLINICAL ESTIMATION OF PATIENTS WITH DIABETES MELLITUS AND CALCIFIC AORTIC STENOSIS
G.D. Spyromitros, J.P. Tsoynos, General Hospital of Katerini, Katerini, Greece

POS 507 Poster Session
ARRHYTHMIAS AND ANTIARRHYTHMIC DRUG THERAPY – BASIC AND CLINICAL

27 IMPACT OF OMEGA-3 FATTY ACID USE ON THE RISK OF ATRIAL FIBRILLATION IN PATIENTS WITH CARDIOVASCULAR DISEASE
B.J. Barnes, A. Kumar, P.A. Howard, W. Chen, J.L. Vacek, University of Kansas, Kansas City, KS, USA

28 ATRIAL FIBRILLATION IS A STRONG AND INDEPENDENT PREDICTOR OF DEATH AND CORONARY EVENTS IN ANGIOGRAPHIED CORONARY PATIENTS
T. Marte, C.H. Saely, F. Schmid, L. Koch, H. Drexel, VIVIT Institute, Feldkirch, Austria

29 HIGH RATE OF ESOPHAGEAL ULCERATIONS AFTER ABLATION OF AF IN PATIENTS WITH GENERAL ANAESTHESIA
M. Martinek, G. Bencsik, J. Aichinger, H.J. Nesser, H. Purerfellner, Elisabethinen University Teaching Hospital, Linz, Austria
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>530</td>
</tr>
<tr>
<td>31</td>
<td>531</td>
</tr>
<tr>
<td>32</td>
<td>532</td>
</tr>
<tr>
<td>33</td>
<td>533</td>
</tr>
<tr>
<td>34</td>
<td>534</td>
</tr>
<tr>
<td>35</td>
<td>535</td>
</tr>
</tbody>
</table>

**30 ORAL ASCORBIC ACID IS EFFECTIVE IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CORONARY ARTERY BYPASS GRAFTING**  
*M. Mousavi, M. Eslami, R. Sattarzadehbadkoobeh, M. Salehi, H. Radmehr, Tehran University of Medical Sciences, Tehran, Iran*

**31 NEW ONSET ATRIAL FIBRILLATION DEVELOPING IN MEDICAL INPATIENTS**  
*S.X. Chen, K.A. Amir, R.K. Bobba, E.L. Arsura, Richmond University Medical Center, Staten Island, New York, NY, USA*

**32 EFFECTS OF TWO REPOLARIZATION CURRENTS ON HYSTERESIS IN ELECTRICAL RESTITUTION**  
*A.A. Agarwal, A.R. Abhijit Patwardhan, University of Kentucky, Lexington, KY, USA*

**33 THE STATIC AND DYNAMIC QT/RR COUPLING AND QT PARAMETERS**  
*J. Halamek, P. Jurak, M. Villa, P. Frana, M. Novak, J. Lipoldova, P. Leinveber, V. Vondra, V.K. Somers, T. Kara, Institute of Scientific Instruments, Brno, Czech Republic*

**34 PREVALENCE OF INAPPROPRIATE USE OF DIGOXIN IN 136 PATIENTS ON DIGOXIN AND PREVALENCE OF USE OF WARFARIN OR ASPIRIN IN 89 PATIENTS WITH PERSISTENT OR PAROXYSMAL ATRIAL FIBRILLATION**  
*P. Lleva, W.S. Aronow, A.H. Gutwein, New York Medical College, Valhalla, NY, USA*

**35 USEFULNESS OF LOOP-TYPE EVENT RECORDER FOR EVALUATION OF CARDIAC CONDITIONS**  
*E. Tomaru, J. Suzuki, T. Tomaru, Shimane Medical College, Izumo, Shimane, Japan*
POS  508  Poster Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE / II

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>536</td>
<td>REDUCED REGIONAL RIGHT VENTRICULAR WALL MOTION AFTER TRANSCAVITRICULAR REPAIR OF TETRALOGY OF FALLOT</td>
<td>S. Takabayashi, H. Shimpo, K. Yokoyama, Y. Sawada, K. Hirano, T. Komada, K. Onoda, T. Shimono, Y. Mitani, Y. Komada, Mie University, Tsu, Mie, Japan</td>
</tr>
<tr>
<td>37</td>
<td>537</td>
<td>22 YEARS FOLLOW-UP RESULTS OF BALLOON ANGIOPLASTY FOR DISCREET NATIVE COARCTATION OF THE AORTA IN ADOLESCENTS AND ADULTS</td>
<td>M.E. Fawzy, A. Fathala, A. Osman, A. Badr, M.A. Mostafa, G.H. Mohamed, B. Dunn, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia</td>
</tr>
<tr>
<td>38</td>
<td>538</td>
<td>SURGICAL TREATMENT OF CONGENITAL TRICUSPID VALVE LESIONS: EARLY AND MID-TERM RESULTS</td>
<td>L.A. Bockeria, B.N. Sabirov, I.E. Chernogrivov, A.M. Nosachev, A.E. Chernogrivov, M.J. Matkarimov, S.B. Zaets, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia</td>
</tr>
<tr>
<td>39</td>
<td>539</td>
<td>EFFECTS OF SHORTENING OPERATION TIME IN PEDIATRIC ATRIAL SEPTAL DEFECT CLOSURE THROUGH A TRANSXIPHOID APPROACH</td>
<td>S. Takabayashi, H. Shimpo, K. Yokoyama, Y. Mitani, Y. Komada, Mie University, Tsu, Mie, Japan</td>
</tr>
<tr>
<td>40</td>
<td>540</td>
<td>MORPHOLOGICAL SPECTRUM OF CARDIOVASCULAR TOXICITY IN CHILDHOOD</td>
<td>P. Francalanci, R. Boldrini, R. Virgili, R. Mariani, I. Giovannoni, F. Callea, Children's Hospital Bambino Gesu', Rome, Italy</td>
</tr>
<tr>
<td>41</td>
<td>541</td>
<td>IN VITRO SET-UP OF MODIFIED BLALOCK TAUSIG SHUNT: VASCULAR RESISTANCE-FLOW RELATIONSHIP</td>
<td>I. Bakir, I. Van Tricht, F. Altin, P. Verdonck, B. Meyns, Siyami Ersek Thoracic and Cardiovascular Surgery Department, Istanbul, Turkey</td>
</tr>
<tr>
<td>42</td>
<td>542</td>
<td>EARLY AND LATE RESULTS OF TOTAL CORRECTION OF TETRALOGY OF FALLOT</td>
<td>K. Hashemzadeh, M.J. Dehdilani, M.Z. Dehdilani, S. Hashemzadeh, Tabriz University of Medical Sciences, Tabriz, Iran</td>
</tr>
</tbody>
</table>
POS 509  Poster Session

**VALVULAR HEART DISEASE / HEART VALVE SURGERY**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>545</td>
</tr>
<tr>
<td>46</td>
<td>546</td>
</tr>
<tr>
<td>47</td>
<td>547</td>
</tr>
<tr>
<td>48</td>
<td>548</td>
</tr>
<tr>
<td>49</td>
<td>549</td>
</tr>
<tr>
<td>50</td>
<td>550</td>
</tr>
<tr>
<td>51</td>
<td>551</td>
</tr>
</tbody>
</table>

| CHARACTERIZATION OF MITRAL VALVE DISEASE IN PATIENTS WITH PAGET’S DISEASE | K.P. Sloan, G. Kumar, R.D. Tiegs, K.W. Klarich, Mayo Clinic, Rochester, MN, USA |
| SURGICAL MANAGEMENT OF SINUS OF VALSALVA ANEURYSMS | S. Moustafa, L. Cooper, G. Adam, F. Mookadam, Mayo Clinic, Scottsdale, AZ, USA |
| THE IMPACT OF PATIENT-PROSTHESIS MISMATCH ON LATE OUTCOMES AFTER MITRAL VALVE | B.K. Lam, V. Chan, M. Ruel, P. Hendry, R. Masters, P. Bedard, W. Goldstein, F. Rubens, T. Mesana University of Ottawa Heart Institute, Ottawa, ON, Canada |
| FATE OF PULMONARY HYPERTENSION FOLLOWING MITRAL VALVE REPLACEMENT AND THE IMPACT OF MITRAL VALVE PATIENT-PROSTHESIS MISMATCH | V. Chan, B.K. Lam, T.G. Mesana, M. Ruel, F. Rubens, P. Hendry, University of Ottawa Heart Institute, Ottawa, ON, Canada |
| METALLIC COMMISSUROTOME IN PATIENTS WITH MITRAL RESTENOSIS FOLLOWING BALLOON OR PREVIOUS SURGICAL COMMISSUROTOMY | B. Saejueng, S. Tansuphaswadikul, K. Hengrussamee, W. Kehasukcharoen, T. Chantadansuwan, J. Assavahanrit, A. Kanoksin, Chest Diseases Institute, Nonthaburi, Thailand |
| EVALUATION OF LEFT VENTRICULAR FUNCTION WITH TDI IN PATIENTS WITH CALCIFIED MILD TO MODERATE AORTIC VALVE STENOSIS | G.D. Spyromitros, J.S. Papadopoylos, J.P. Tsoynos, General Hospital of Katerini, Katerini, Greece |
| STRAIN DOPPLER ECHOCARDIOGRAPHY IN THE ASSESSMENT OF EARLY DECOMPENSATION IN CHRONIC MITRAL REGURGITATION | A. Vitarelli, La Sapienza University, Rome, Italy |
POS 510  Poster Session
SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION

Board No.  Abstract No.

52       552
EVEROLIMUS PREVENTS THE DEVELOPMENT OF
MICROVASCULOPATY AFTER HEART TRANSPLANTATION
E. Osto, F. Tona, C. Castellani, G. Tarantini, A. Bortolami,
M. Napodano, A.L.P. Caforio, G. Gerosa, S. Iliceto, A. Angelini,
University of Padova, Padova, Italy

53       553
IMPAIRED CORONARY FLOW RESERVE IN HEART
TRANSPLANT PATIENTS WITH NORMAL CORONARY ANGIGRAMS:
PREDICTIVE ROLE OF INTERSTITIAL FIBROSIS AND MEDIAL
THICKENING OF INTRAMYOCARDIAL CORONARY ARTERIES
E. Osto, F. Tona, C. Castellani, M. Napodano, A. Bortolami, G. Tarantini,
A.L.P. Caforio, G. Gerosa, A. Angelini, S. Iliceto, University of Padova,
Padova, Italy

54       554
CORONARY FLOW RESERVE BY CONTRAST-ENHANCED
TRANSTHORACIC ECHOCARDIOGRAPHY PREDICTS CARDIAC
ALLOGRAFT VASCULOPATHY ONSET IN HEART TRANSPLANT
PATIENTS WITH NORMAL CORONARY ANGIOGRAM
E. Osto, F. Tona, M. Napodano, A. Vinci, A. Bortolami, G. Tarantini,
A.L.P. Caforio, R. Montisci, G. Gerosa, S. Iliceto, University of Padova,
Padova, Italy

55       555
CORONARY FLOW RESERVE BY CONTRAST-ENHANCED
TRANSTHORACIC ECHOCARDIOGRAPHY PREDICTS MAXIMAL
EPICARDIAL INTIMAL THICKENING IN TRANSPLANT CORONARY
ARTERY DISEASE
E. Osto, F. Tona, G. Tarantini, M. Napodano, A.L.P. Caforio,
A. Bortolami, A. Ramondo, G. Torregrossa, G. Gerosa, S. Iliceto,
University of Padova, Padova, Italy

POS 601  Poster Session
INTERVENTIONAL CARDIOLOGY

56       556
CAROTID ANGIOPLASTY AND STENTING IN OCTOGENARIANS. IS IT SAFE?
M. Henry, A. Polydorou, I. Henry, A.D. Polydorou, M. Hugel,
Cabinet de Cardiologie, Nancy, France

57       557
FREQUENCY OF STENT FRACTURE AS A CAUSE OF CORONARY
RESTENOSIS AFTER SIROLIMUS-ELUTING STENT IMPLANTATION
J.S. Park, D.G. Shin, Y.J. Kim, G.R. Hong, W. Kim, B.S. Shim,
Yeungnam University Hospital, Daegu, Korea

58       558
LATE OUTCOMES AFTER DRUG-ELUTING STENT IMPLANTATION
IN "REAL-WORLD" CLINICAL PRACTICE
K.A. Ramsdale, A. Rao, O. Asghar, E. McKay, D.R. Ramsdale,
The Cardiothoracic Centre, Liverpool, UK
<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors, Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>59</td>
<td>559</td>
<td>LATE OUTCOMES IN PATIENTS WITH ACUTE CORONARY SYNDROMES TREATED BY DRUG-ELUTING STENT IMPLANTATION IN &quot;REAL-WORLD&quot; CLINICAL PRACTICE</td>
<td>K.A. Ramsdale, A. Rao, O. Asghar, D.R. Ramsdale, The Cardiothoracic Centre, Liverpool, UK</td>
</tr>
<tr>
<td>60</td>
<td>560</td>
<td>GENDER DIFFERENCES IN THE USE OF CARDIAC PROCEDURES FOLLOWING HOSPITAL ADMISSION WITH ACUTE MYOCARDIAL INFARCTION</td>
<td>V.N. Singh, T. Law, K. Garner, M. Nelson, University of South Florida, Tampa, FL, USA</td>
</tr>
<tr>
<td>62</td>
<td>562</td>
<td>INVESTIGATION OF WALL SHEAR STRESS DISTRIBUTION IN STENTED CORONARY ARTERY BIFURCATION</td>
<td>V. Dehlaghi, S. Najarian, A. Rai, Kermanshah University of Medical Sciences, Kermanshah, Iran</td>
</tr>
</tbody>
</table>

**POS 602 Poster Session**

**MYOCYTE AND RECEPTOR ABNORMALITIES IN HEART FAILURE**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors, Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>63</td>
<td>563</td>
<td>ROLE OF INTEGRIN RECEPTORS IN CARDIOMYOCYTE RESPONSE TO OXIDATIVE STRESS</td>
<td>L. Shewchuk, M. Ulanova, N. Khaper, Lakehead University, Thunder Bay, ON, Canada</td>
</tr>
</tbody>
</table>

**POS 603 Poster Session**

**EXERCISE PHYSIOLOGY IN HEART FAILURE**

<table>
<thead>
<tr>
<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors, Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>564</td>
<td>EFFECTS OF TREATMENT WITH G-CSF ON CARDIO RESPIRATORY FITNESS AND ECG RECORD IN EXPERIMENTAL CHAGAS' DISEASE</td>
<td>S. Garcia, J. Vasconcelos, P. Guimaraes, C. Costa, R.S. Lima, L. Cortizo, W. Klein, C.K.C. Sa, R. Ribeiro dos Santos, M.B.P. Soares, CPQGM - FIOCRUZ</td>
</tr>
</tbody>
</table>
KYMOGRAM - A NEW TOOL FOR THE ASSESSMENT OF HEART VALVE PERFORMANCE

M. Kondruweit, T. Strecker, T. Wittenberg, S. Friedl, M. Weyand,
Friedrich-Alexander-University of Erlangen-Nuremberg, Erlangen, Germany