FRIDAY, JULY 14, 2017

09:00 – 10:15 Hall A

OC: OPENING CEREMONY

Chair: John A. Elefteriades, USA

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

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

Jeffrey S. Borer, USA
Member, Scientific Executive Committee
Chair, Section of Valvular Heart Disease
International Academy of Cardiology

Naranjan S. Dhalla, Canada
Member, Scientific Executive Committee
Chair, Section of Molecular Cardiology
International Academy of Cardiology

Garwood Gee, USA
President, California Chapter
American College of Cardiology

Samia Mora, USA
Member, Scientific Executive Committee
Chair, Section of Preventive Cardiology
International Academy of Cardiology

PRESENTATION OF 2017 AWARDS
John A. Elefteriades, USA
Jeffrey S. Borer, USA
FRIDAY, JULY 14, 2017

09:45 – 10:15 Hall A

OL: Opening Lecture
ELEVENTH H.J.C. SWAN MEMORIAL LECTURE

Chair: M.E. Cain, Buffalo, NY, USA

09:45 INTRODUCTION
M.E. Cain, Buffalo, NY, USA

09:50 IMPROVEMENT IN QUALITY OF CARE FOR ATRIAL FIBRILLATION IN GET WITH THE GUIDELINES – ATRIAL FIBRILLATION (GWTG-AFIB) (Opening Lecture)
University at Buffalo, Buffalo, NY, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
**FRIDAY, JULY 14, 2017**

**10:45 – 12:45**

**Hall A**

**PL01 Plenary Session**

**STEPS FORWARD IN THE MANAGEMENT OF ADVANCED HEART FAILURE**

Chairs:  
**M.R. Johnson**, Madison, WI, USA  
**N. Nair**, Lubbock, TX, USA

Abstract No 001

**10:45 A BRIEF HISTORY OF THE DEVELOPMENT OF MECHANICAL CIRCULATORY SUPPORT (MCS) (Invited Lecture)**

**F.A. Arabia**
Cedars-Sinai Heart Institute, Los Angeles, CA, USA

Abstract No 002

**11:00 IMPROVING QUALITY OF LIFE IN PATIENTS WITH CHRONIC HEART FAILURE: OVERCOMING EXERCISE INTOLERANCE (Invited Lecture)**

**H.N. Sabbah**, Henry Ford Hospital, Detroit, MI, USA

Abstract No 003

**11:15 ROLE OF ISOLATED ULTRAFILTRATION IN THE MANAGEMENT OF CHRONIC REFRACTORY AND ACUTE DECOMPENSATED HEART FAILURE (Invited Lecture)**

**M.A. Alpert**
University of Missouri, Columbia, MO, USA

Abstract No 004

**11:30 TEMPORARY MECHANICAL SUPPORT FOR THE RIGHT VENTRICLE: PRE-IMPLANT PATIENT SELECTION, DEVICE RECIPIENT SURVEILLANCE AND WEANING OF PATIENTS FROM THE SUPPORT SYSTEM (Invited Lecture)**

**M. Dandel**
Deutsches Herzzentrum, Berlin, Germany

Abstract No 005

**11:45 DO NEW STUDIES/DEVICES TIP THE BALANCE TO EARLIER LVAD IMPLANTATION? (Invited Lecture)**

**M.R. Johnson**
University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

Abstract No 006

**12:00 VADS IN THE ELDERLY: A Viable Option (Invited Lecture)**

**N. Nair**
Texas Tech Health Sciences Center, Lubbock, TX, USA

Abstract No 007

**12:15 SODIUM RESTRICTION IN CHRONIC HEART FAILURE: TAKE IT WITH A PINCH OF SALT? (Invited Lecture)**

**R. Doukky**
Cook County Health and Hospitals System, Chicago, IL, USA

Abstract No 008

**12:30 IMPROVING CARDIAC FUNCTION IN PULMONARY ARTERIAL HYPERTENSION: IS THERE A ROLE FOR EXERCISE TRAINING? (Invited Lecture)**

University of Porto, Porto, Portugal

**12:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION**
PL02  Plenary Session
INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING

Chairs:  J.J. Mahmarian, Houston, TX, USA
         G-P. Shi, Boston, MA, USA

10:45 OCT-GUIDED VS IVUS-GUIDED PCI  (Invited Lecture)
T. Kubo, T. Akasaka
Wakayama Medical University, Wakayama, Japan

11:00 THE COMPLEMENTARY ROLE OF ANATOMY AND PHYSIOLOGY IN PREDICTING PATIENT OUTCOME: WHERE DO CARDIAC CT AND STRESS MYOCARDIAL PERFUSION IMAGING FIT?  (Invited Lecture)
J.J. Mahmarian
Weill Cornell Medical College, Houston Methodist Hospital, Houston, TX, USA

11:15 EVALUATION OF CORONARY ARTERY DISEASE IN OBESE PATIENTS. THE ROLE OF NON-INVASIVE CARDIAC IMAGING  (Invited Lecture)
A. Elhendy
Marshfield, WI, USA

11:30 Na\(^+\)-H\(^+\) EXCHANGER 1 DETERMINES ATHEROSCLEROTIC LESION ACIDIFICATION AND PROMOTES ATHEROGENESIS  (Invited Lecture)
C-L. Liu, S. Achilefu, M. Nahrendorf, P. Libby, G-P. Shi
Brigham and Women’s Hospital and Harvard Medical School, Boston, USA

11:45 INTEGRATED APPROACH TO INTRAVASCULAR IMAGING- CURRENT AND NOVEL TECHNIQUES  (Invited Lecture)
S.K. Koshy, L.K. George
University of Tennessee Health Sciences Center, Memphis, TN, USA

12:00 COMPARISON OF COMPUTED TOMOGRAPHY DERIVED FRACTIONAL FLOW RESERVE TO INVASIVE FRACTIONAL FLOW RESERVE IN DIAGNOSIS OF FUNCTIONAL CORONARY STENOSIS  (Invited Lecture)
R. Sachdeva
Morehouse School of Medicine, Atlanta, Georgia, USA

12:15 DETERMINATION OF OPTIMAL VIEWING ANGLES FOR X-RAY CORONARY ANGIOGRAPHY BASED ON A QUANTITATIVE ANALYSIS OF 3D RECONSTRUCTED MODELS  (Invited Lecture)
J.A. Garcia
Orlando Health -Mid-Florida Cardiology, Orlando, FL, USA
FRIDAY, JULY 14, 2017

10:45 – 13:15 Hall B

PL02 Plenary Session
INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING (cont.)

Abstract No

12:30 ECHOCARDIOGRAPHIC QUANTITATION OF MITRAL REGURGITATION
(Invited Lecture)
H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

12:45 FOCUSED READING SESSIONS IMPROVE CORRELATION OF
ECHOCARDIOGRAPHIC ASSESSMENT OF RIGHT VENTRICULAR SYSTOLIC
FUNCTION WITH RIGHT VENTRICULAR EJECTION FRACTION BY CARDIAC
MAGNETIC RESONANCE IMAGING (Invited Lecture)
Z. Popovic
Heart and Vascular Institute, Cleveland Clinic, OH, USA

13:00 EVIDENCE-BASED USE OF HANDHELD ULTRASOUND IN CLINICAL
CARDIOLOGY (Invited Lecture)
I. Kedan
Cedars Sinai Heart Institute, Los Angeles, CA, USA

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
**FRIDAY, JULY 14, 2017**

**10:45 – 13:00**

**Hall C**

**PL03 Plenary Session**

**CELLULAR AND MOLECULAR BIOLOGY TARGETS FOR CLINICAL CARE IN CARDIOVASCULAR DISEASE**

*Chairs: T. Malinski, Athens, OH, USA  
N. Maulik, Farmington, CT, USA*

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract No</th>
<th>Title</th>
<th>Authors and Affiliations</th>
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</thead>
<tbody>
<tr>
<td>10:45</td>
<td>019</td>
<td>NEW MOLECULAR TARGETS OF VEGF SIGNALING IN CARDIOVASCULAR DISEASE</td>
<td>N. Maulik, M. Thirunavukkarasu, V. Coca-Soliz, V. Selvaraju, L. Tapias University of Connecticut Health Center, Farmington, CT, USA</td>
</tr>
<tr>
<td>11:00</td>
<td>020</td>
<td>IMMUNE CELL ALTERATIONS IN HEART FAILURE</td>
<td>S.D. Prabhu, University of Alabama at Birmingham, Birmingham, AL, USA</td>
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<tr>
<td>11:15</td>
<td>021</td>
<td>ANGIOGRAPHIC CONTRAST-INDUCED VASCULAR AND RENAL TOXICITY – A NANOMEDICAL APPROACH</td>
<td>T. Malinski, H. Dawoud, M. Wagner Ohio University, Athens, Ohio, USA</td>
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<tr>
<td>11:30</td>
<td>022</td>
<td>VASCULOprotective ROLE OF NATRIURETIC PEPTIDE RECEPTOR C</td>
<td>M.B. Anand-Srivastava University of Montreal, Montréal, Québec, Canada</td>
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<tr>
<td>11:45</td>
<td>023</td>
<td>ROLE OF APELIN/APELIN RECEPTOR AXIS IN HEART DISEASE: THERAPEUTIC ROLE OF APELIN ANALOGUES</td>
<td>G.Y. Oudit, University of Alberta, Edmonton, Alberta, Canada</td>
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<tr>
<td>12:00</td>
<td>024</td>
<td>ENDOTHELIN-1 AND CORONARY VASOMOTOR DYSFUNCTION: ROLE OF P38 KINASE AND NADPH OXIDASE</td>
<td>L. Kuo, T.W. Hein Texas A&amp;M Health Science Center and Baylor Scott &amp; White Health, Temple, TX, USA</td>
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<tr>
<td>12:15</td>
<td>025</td>
<td>BETA3-ADRENOCEPTORS, CATECHOLAMINES AND STRESS</td>
<td>D. Jezova, A. Csanova Biomedical Research Center, Slovak Academy of Sciences, Bratislava, Slovakia</td>
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<tr>
<td>12:30</td>
<td>026</td>
<td>REPETITIVE TRANSIENT ISCHEMIA-INDUCED CARDIAC ANGIogenesis IS MEDIATED BY CaMKII ACTIVATION</td>
<td>Y.G. Wang Zhongnan Hospital of Wuhan University, Wuhan University, Wuhan, China</td>
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<tr>
<td>12:45</td>
<td>027</td>
<td>A NOVEL CELL PENETRATING PEPTIDE, CARDIAC TARGETING PEPTIDE APPEARS TO UTILIZE CARDIAC CHANNELS FOR TRANSDUCTION</td>
<td>M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA</td>
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**13:00**

**LUNCH BREAK, VISIT POSTERS AND EXHIBITION**
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**P101 VASCULAR BIOLOGY, BASIC RESEARCH**

1. **PEROXIREDOXIN1 NORMALIZES MACROPHAGE LIPOPHAGIC FLUX IN ATHEROSCLEROSIS**
   S.J. Jeong, S. Kim, **G.T. Oh**, Ewha Womans University, Seoul, Republic of Korea

2. **THE PROTECTIVE EFFECTS OF EICOSAPENTAENOIC ACID ARE TRIGGERED UNUSUAL MECHANISMS OF CA2+ RELEASE AND CA2+ INFLUX IN MOUSE CEREBRAL CORTEX ENDOTHELIAL CELLS**
   **K.L. Wong**, C.W. Cheung, Y.M. Leung
   China Medical University Hospital, Taichung, Taiwan

**P102 CARDIOVASCULAR PHARMACOLOGY AND DRUG THERAPY**

3. **NOVEL APPLICATIONS OF CALCIUM CHANNEL BLOCKERS: A NEW INSIGHT TO CARDIAC DRUGS**
   **N. Motayagheni**, A. Hyre, M. Mirzazadeh, S. Subashchandrabose, A. Atala
   Institute for Regenerative Medicine, Wake Forest, NC, USA

4. **BETA-BLOCKER THERAPY IN COCAINE USERS WITH HEART FAILURE: INSIGHTS FROM AN URBAN ACADEMIC CENTER**
   Morehouse School of Medicine, Atlanta, Georgia, USA

**P103 EXERCISE PHYSIOLOGY; BASIC AND CLINICAL**

5. **RELATIONSHIP BETWEEN ABDOMINAL VISCERAL FAT AND BLOOD PRESSURE RESPONSE DURING EXERCISE IN NORMOTENSIVE POPULATION**
   Korea University Anam Hospital, Seoul, South Korea

6. **MITOCHONDRIAL PROTEIN HYPERACETYLATION IN SKELETAL MUSCLE IS ASSOCIATED WITH EXERCISE INTOLERANCE IN MURINE MODEL OF POST-INFARCT HEART FAILURE**
   Hokkaido University Graduate School of Medicine, Sapporo, Japan

7. **RELATION OF N-TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE AND LEFT VENTRICULAR DIASTOLIC FUNCTION TO EXERCISE TOLERANCE IN PATIENTS WITH SIGNIFICANT VALVULAR HEART DISEASE AND NORMAL LEFT VENTRICULAR SYSTOLIC FUNCTION**
   Samsung Medical Center, Seoul, South Korea

   **A.K Shaiikh**, F. Rotatori
   Richmond University Medical Center Staten Island, NY, USA

9. **GLUCOCORTICOID RECEPTOR REGULATES FNDC5 TRANSCRIPTION**
   H.K. Kim, Y.J. Jeong, I.S. Song, Y.H. Noh, K.W. Seo, M. Kim, **J. Han**
   Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea
FRIDAY, JULY 14, 2017

08:00 – 13:00  Poster Hall

P104  SYSTEMIC AND PULMONARY HYPERTENSION

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<td>MITOCHONDRIAL TRNA MUTATION WITH HIGH-SALT STIMULATION ON CARDIAC DAMAGE: UNDERLYING MECHANISM ASSOCIATED WITH CHANGE OF BAX AND VDAC</td>
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<td>General Hospital of People’s Liberation Army, Beijing, China</td>
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<td>POTENTIAL EFFECT OF ALCOHOLIC EXTRACT OF LEAVES OF OCIMUM SANCTUM IN MONOCROTALINE-INDUCED PULMONARY ARTERY HYPERTENSION IN RATS</td>
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<td>All India Institute of Medical Sciences (AIIMS), New Delhi, India</td>
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<td>SUBLINGUAL VERSUS ORAL CAPTOPRIL FOR DECREASING BLOOD PRESSURE</td>
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<td>M. Mousavi, N. Razavianzadeh, M. Armin</td>
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<td>Alborz University of Medical Sciences, Shaheed Raiaei Hospital, Karaj, Iran</td>
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P105  CHRONIC KIDNEY DISEASE AND CARDIOVASCULAR DISEASE

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<tr>
<td>UNDERLYING RHEUMATIC HEART DISEASE HAD GREATER RISK OF INFECTIVE ENDOCARDITIS IN TAIWAN DIALYSIS PATIENTS</td>
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<tr>
<td>M.T. Chou, W.S. Wu, C.C. Chien</td>
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<td>Ch-i-Mei Medical Center, Tainan, Taiwan</td>
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<tr>
<td>MECHANICAL DEVICE FOR THE MANAGEMENT OF CARDIO-RENAL SYNDROME</td>
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<tr>
<td>L.W. Miller</td>
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<td>Leonhardt Ventures, Tampa, FL, USA</td>
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<td>ASSOCIATION OF CORONARY ARTERY CALCIFICATION AND ARTERIAL MICROCALCIFICATION OF THE VASCULAR ACCESS IN INCIDENTAL HEMODIALYSIS PATIENTS</td>
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<td>S.Y. Bahk, Y.S. Kim, Y.O. Kim</td>
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<tr>
<td>College of Medicine, The Catholic University of Korea, Uijeongbu, Korea</td>
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P106  PEDIATRIC CARDIOLOGY AND CONGENITAL HEART DISEASE

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<td>16</td>
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<tr>
<td>MYOCARDIAL ISCHEMIA ASSOCIATED WITH INTER-ARTERIAL VARIANTS OF ISOLATED SINGLE CORONARY ARTERY</td>
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<tr>
<td>A. Sinha, R. Kumar, J. Shirani</td>
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<tr>
<td>Saint Luke’s University Health Network, PA, USA</td>
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<td>17</td>
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<tr>
<td>REABSORBABLE PINS CAN REINFORCE AN EARLY STERNAL STABILITY AFTER MEDIAN STERNOTOMY IN YOUNG CHILDREN WITH CONGENITAL HEART DISEASE</td>
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<tr>
<td>C. Fan, S. Wu, J. Yang</td>
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<td>The Second Xiangya Hospital, Central South University, Changsha, China</td>
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**FRIDAY, JULY 14, 2017**

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<th>CARDIOLOGY AND CONGENITAL HEART DISEASE (cont.)</th>
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</table>
| 18 | MYOCARDIAL ISCHEMIA CAUSED BY ISOLATED SINGLE CORONARY ARTERY IN PEDIATRIC POPULATION  
A. Sinha, R. Kumar, J. Shirani  
Saint Luke's University Health Network, PA, USA | 045 |
| 19 | GERBODE DEFECT IN AN ADULT PATIENT: A VERY RARE ENTITY  
R. Malik, S. Hussain, H. Keshmiri, S. Danciu  
Advocate Illinois Masonic Medical Center, Chicago, IL, USA | 047 |
| 20 | HETEROTAXY SYNDROME IN AN ADULT: A RARE PRESENTATION  
A. Sharma, P. Garcia, S. Nadaraj, D. Penigalapati  
Saint Peter’s University Hospital/ Rutgers Robertwood Johnson Medical School, New Brunswick, NJ, USA | 048 |
| 21 | EXCEPTIONAL SURVIVAL OF A DOUBLE INLET LEFT VENTRICLE: A RARE CASE  
A.L. Schenone, A. Addoumich, D. Majdalany  
Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA | 049 |

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<th>MEASUREMENT OF OUTCOME AND QUALITY OF CARDIOVASCULAR CARE</th>
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| 22 | PREDICTING HOSPITALIZATION OUTCOMES BASED ON HEART  
D. Chang, K. Gu, J. Shin, S. Hasni  
Drexel University, Philadelphia, PA, USA | 050 |
| 23 | ORTHOSTATIC VITALS IN THE EVALUATION OF SYNCOPE: KNOWLEDGE, ATTITUDE AND PRACTICE OF HEALTH CARE PROVIDERS (HCPS)  
A.C. Atanda, G. Samuel, D. Bekele, Y. Paul, A. Gebreselassie, D. Larbi  
Howard University Hospital, Washington DC, USA | 051 |
| 24 | CUSTOMIZED QUALITY IMPROVEMENT FOR ECHOCARDIOGRAPHY  
D.R. Chilton, B.L. Hansen, P.L. Rowland, D.E. Langholz  
Spectrum Health Frederik Meijer Heart and Vascular Institute, Grand Rapids, MI, USA | 052 |
| 25 | MISUSE OF CARDIAC TROPONIN IN THE OUTPATIENT SETTING: A SINGLE-CENTER RETROSPECTIVE ANALYSIS  
S.J. Ross, D.J. Cordiner, S.A. Noutong Njapo, D.E. Winchester  
University of Florida, Gainesville, FL, USA | 053 |
| 26 | PREVALENCE AND PATTERNS OF CARE IN CARDIAC TROPONIN SUPERUSERS  
S.M. Taasan, S.J. Ross, D.E. Winchester  
University of Florida, Gainesville, FL, USA | 054 |
FRIDAY, JULY 14, 2017

14:00 – 16:00 Hall A

PL04 Plenary Session
CARDIOVASCULAR DISEASE: DIFFERENT STRATEGIES FOR PRIMARY AND SECONDARY PREVENTION

Chairs: U. Thadani, Oklahoma City, OK, USA
       N.K. Wenger, Atlanta, GA, USA

14:00 ASPIRIN FOR THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: ADVANCES IN DIAGNOSIS AND TREATMENT (Invited Lecture)
S. Mora
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

14:15 OPTIMIZING STATIN UTILIZATION AND TREATMENT ADHERENCE AMONG PATIENTS WHO DISCONTINUE STATINS DUE TO ADVERSE MUSCLE EVENTS (Invited Lecture)
R.S. Rosenson
Icahn School of Medicine at Mount Sinai, New York, NY, USA

14:30 GERIATRIC CARDIOLOGY: OCTOGENARIAN PEARLS (Invited Lecture)
N.K. Wenger, Emory University School of Medicine, Atlanta, GA, USA

14:45 MANAGEMENT OF STABLE ANGINA-EUROPEAN, CANADIAN, BRITISH AND AMERICAN SCIENTIFIC SOCIETY GUIDELINES: A CRITICAL APPRAISAL (Invited Lecture)
U. Thadani
OUHSC; Medical Center and VA Medical Center Oklahoma City, OK, USA

15:00 COMBINATION THERAPY OF LIPID DISORDERS. CAN WE REDUCE THE RESIDUAL RISK EFFECTIVELY? (Invited Lecture)
M. Banach
Medical University of Lodz (MUL), Lodz, Poland

15:15 AHA’S CARDIOVASCULAR HEALTH METRICS, COPD, AND CVD (Invited Lecture)
H. Lee, W. Fan, A. Lee, C. Kieu, N. Wong
University of California, Irvine, Irvine, CA, USA

15:30 ACTIVATION OF ADIPONECTIN RECEPTOR INDUCES PROPROTEIN CONVERTASE SUBTILISIN/KEXIN TYPE 9 EXPRESSION BUT AMELIORATES LIPID PROFILES IN MICE (Invited Lecture)
L. Sun, X. Yang, Y. Chen, Y. Duan, J. Han
Nankai University, Tianjin, China

15:45 TRENDS OF CARDIOVASCULAR RISK FACTORS (FRAMINGHAM RISK SCORE) IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION (Invited Lecture)
Y. Plakht, A. Shiyovich; A. Abu-Eid, H. Gilutz
Ben-Gurion University of the Negev, Beer-Sheva, Israel

16:00 COFFEE BREAK, VISIT EXHIBITION
FRIDAY, JULY 14, 2017

14:00 – 16:45 Hall A

PL05 Plenary Session
CARDIAC ARRHYTHMIAS AND SUDDEN DEATH

Chairs: M.E. Cain, Buffalo, NY, USA
        S.C. Dudley, Minneapolis, MN, USA

14:00 WHY IT IS TIME TO ABANDON THE ALMOST 100 YEAR OLD WAYS TO ADJUST THE QT INTERVAL FOR HEART RATE AND ADOPT A NEW MODERN APPROACH (Invited Lecture)
S.W. Rabkin
University of British Columbia, Vancouver, BC, Canada

14:15 IL-1ß INDUCES CARDIAC ARRHYTHMIA IN DIABETES THROUGH ROS REGULATION (Invited Lecture)
S.C. Dudley
University of Minnesota, Minneapolis, MN, USA

14:30 NEW ELECTROCARDIOGRAPHIC PREDICTORS OF SUDDEN CARDIAC DEATH (Invited Lecture)
M.E. Cain
University at Buffalo, Buffalo, NY, USA

14:45 THE PROGNOSTIC IMPACT OF SINGLE EXTRA-STIMULUS ON PROGRAMMED VENTRICULAR STIMULATION IN BRUGADA PATIENTS WITHOUT PREVIOUS CARDIAC ARREST (Invited Lecture)
M. Takagi, Kansai Medical University, Moriguchi, Japan

15:00 UPDATE ON CHEST COMPRESSION ONLY CPR FOR WITNESS CARDIAC ARREST VICTIMS (Invited Lecture)
M.R. Movahed
CareMore, University of Arizona, College of Medicine, Tucson, AZ, USA

15:15 CARDIAC RYANODINE RECEPTOR CHANNELOPATHY (Invited Lecture)
Shiga University of Medical Sciences, Otsu, Japan

15:30 RISK STRATIFICATION IN PEDIATRIC ASYMPTOMATIC WOLFF-PARKINSON-WHITE PATTERN: THE ONGOING DEBATE (Invited Lecture)
M.J. LaPage, University of Michigan Congenital Heart Center, Ann Arbor, MI, USA

15:45 COFFEE BREAK, VISIT EXHIBITION

Abstract No.

063
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069
FRIDAY, JULY 14, 2017

14:00 - 16:15 Hall C

PL06 Plenary Session
AORTIC AND PERIPHERAL ARTERIAL DISEASE: BASIC AND CLINICAL STUDIES

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

Abstract No.

14:00 MOLECULAR REGULATION OF EXTRACELLULAR MATRIX IN VASCULAR
        AGING (Invited Lecture)
         Y. Chen, University of Alabama at Birmingham, Birmingham, AL, USA

14:15 CYCLIC AMP ATTENUATES ANGIOTENSIN-II–INDUCED EXPRESSION
        OF EGR-1 VIA PKA-DEPENDENT PATHWAY IN VSMC (Invited Lecture)
         A.K. Srivastava
         CRCHUM, Montreal, Quebec, Canada

14:30 ESTIMATION OF IMMEDIATE PRE-DISSECTION AORTIC DIAMETER –
        IMPORTANT AND SURPRISING INFORMATION (Invited Lecture)
         J.A. Elefteriades
         Yale University School of Medicine, New Haven, CT, USA

14:45 THROMBOEMBOLIC COMPLICATIONS OF ABDOMINAL AORTIC ANEURYSM:
        PATHOGENETIC MECHANISMS AND LESSONS FROM PRINZMETAL’S ANGINA
        (Invited Lecture)
         S.D. Gertz, D. Gilon, R. Beeri, C. Rubinstein, L. Gavish
         The Hebrew University, Jerusalem, Israel

15:00 CAN PRESENCE OF AORTIC PLAQUE PREDICT CORONARY HEART DISEASE?
        (Invited Lecture)
         T. Tomaru, T. Matsubara, E. Matsubara
         Toho University Medical School, Tokyo, Japan

15:15 THE CLINICAL IMPORTANCE OF CARDIAC CALCIFICATIONS (Invited Lecture)
         G.S. Pressman
         Einstein Medical Center, Philadelphia, PA, USA

15:30 DILATED AORTA: IS IT SAFE TO PERFORM EXERCISE ECHOCARDIOGRAPHY?
        (Invited Lecture)
         M. Prokudina, N. Malinina, P. Mochalov, E. Bobrova, E. Karev, S. Verbilo
         Federal Medical Research Center, St Petersburg, Russia

15:45 NOVEL BIODEGRADABLE STENT FOR USE IN CONGENITAL HEART DISEASE
        S.R. Veeram Reddy, T. Welch, J. Wang, M. Riegel, J. Richardson, M. Hussain,
        G. Greil, J. Forbess, A. Nugent
        University of Texas Southwestern Medical Center, Dallas, Texas, USA

16:00 SURGICAL MANAGEMENT OF AORTIC ROOT ABSCESS (Invited Lecture)
         M.A. Borger
         Heart Center, University Leipzig, Leipzig, Germany

16:15 COFFEE BREAK, VISIT EXHIBITION
**S21 Session**

**HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE – FROM BENCH TO BEDSIDE**

*Chairs: M.A. Alpert, Columbia, MO, USA\n R.S. Rosenson, New York, USA*

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>16:30</td>
<td>INFLUENCE OF DIASTOLIC BLOOD PRESSURE ON ADVERSE OUTCOMES IN TREATMENT OF HYPERTENSION</td>
<td>S.H. Sundaravel, E.J. Venegas, M. Kabach, R. Chait, E. Donath University of Miami/Palm Beach Regional Consortium, Atlantis, Florida, USA</td>
</tr>
<tr>
<td>16:45</td>
<td>EFFECTS OF ADDING SODIUM-GLUCOSE COTRANSPORTER-2 INHIBITORS TO STANDARD CARE IN PATIENTS WITH TYPE 2 DIABETES</td>
<td>A. Sharma, H. Kamran, S. Goel, D. Mukherjee State University of New York Downstate Medical Center, New York, NY, USA</td>
</tr>
<tr>
<td>17:00</td>
<td>COMPLETE CORONARY REVASCULARIZATION IN ST ELEVATION MYOCARDIAL INFARCTION IN HIGH-RISK PATIENTS: DIABETICS WITH MULTIVESSEL DISEASE</td>
<td>R.A. Costantini, J.Mh. Telayna, J.M. Telayna Hospital Universitario Austral, Pilar, Argentina</td>
</tr>
<tr>
<td>17:30</td>
<td>ROLE OF CGRP AND NO IN THE PROTECTIVE EFFECT OF TRANSCUTANEOUS ELECTRICAL STIMULATION IN DEVELOPMENT OF FRUCTOSE-INDUCED HYPERTENSION IN RATS</td>
<td>V.K. Spiridonov, Z.S. Tolochko, T.A. Korolenko Institute of Physiol. and Basic Med., Novosibirsk, Russia</td>
</tr>
<tr>
<td>17:45</td>
<td>ASSOCIATION OF OBESITY TYPES WITH THE 10-YEAR CORONARY HEART DISEASE RISK IN TIBET AND XINJIANG AREA OF CHINA</td>
<td>C.Y. Zheng, Z.W. Wang, Z. Chen, L.F. Zhang, X. Wang, Y. Dong, J.Y. Nie, J.L. Wang, L. Shao, Y. Tian Chinese Academy of Medical Sciences and Peking Union Medical College, Fuwai Hospital, Beijing, China</td>
</tr>
<tr>
<td>18:00</td>
<td>ISOLATED DIASTOLIC WHITE COAT HYPERTENSION</td>
<td>M. Arulthasan, W. Sheu, D. Bloomfield Richmond University Medical Center, Staten Island, New York, USA</td>
</tr>
<tr>
<td>18:15</td>
<td>INTERVENTIONAL TREATMENT FOR RESISTANT HYPERTENSION: A SYSTEMATIC REVIEW</td>
<td>T. Matos e Silva, C.R.B. Macedo, R. Aras, A.M. Gomes, Jr, J.Q.V. Muniz Federal University of Bahia; Faculdade de Medicina da Bahia, Brazil</td>
</tr>
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</table>
S22  
**Session**  
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY, CONGENITAL HEART DISEASE  

**Chairs:**  
A. Lorber, Haifa, Israel  
S.R. Veeram Reddy, Dallas, TX, USA  

**16:30**  
COMPARISON OF PERICARDIUM AND PULMONARY PATCH FOR AORTIC COARCTATION COMBINING HYPOPLASTIC ARCH IN INFANTS  
H.T. Xu, J. Yan  
National Center for Cardiovascular Disease and Fuwai Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, Beijing, China  

**16:45**  
ATRIAL FIBRILLATION AND STROKE IN PATIENTS WITH REPAIRED TETRALOGY OF FALLOT  
C. Tsui, D. Wan, J. Grewal, M. Kiess, A. Barlow, D. Human, A. Krahn, S. Chakrabarti  
University of British Columbia, Vancouver, BC, Canada  

**17:00**  
UN-ROOFING A MYOCARDIAL BRIDGE  
S. Mok, D. Majdalany, C. Pettersson  
Cleveland Clinic, Cleveland, OH, USA  

**17:15**  
LATE PRESENTATION OF SYMPTOMATIC ANOMALOUS LEFT MAIN CORONARY ARTERY  
U. Batnyam, J. Mellone, A. Javaid  
University of Central Florida, College of Medicine, Orlando, FL, USA  

**17:30**  
PROGNOSTIC VALUE OF RED BLOOD CELL DISTRIBUTION WIDTH IN PEDIATRIC PATIENTS WITH CONGENITAL HEART DISEASE  
D. Li, X. Wang, J.X. Yang, T. Pan  
Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, P.R. China
FRIDAY, JULY 14, 2017

16:30 - 18:15  Hall C

S23  Session
MOLECULAR CARDIOLOGY AND VASCULAR BIOLOGY, BASIC RESEARCH

Chairs:  P.K. Singal, Winnipeg, MB, Canada  
         D.K. Singla, Orlando, FL, USA

Abstract No.

16:30  SPINAL CORD INJURY-INDUCED SYSTOLIC DYSFUNCTION IS ASSOCIATED WITH CARDIOMYOCYTE ATROPHY AND UP-REGULATION OF PROTEOLYTIC PATHWAYS  
M. Poormasjedi-Meibod, J.W. Squair, M. Mansouri, C.R. West  
International Collaboration on Repair Discoveries (ICORD), Faculty of Medicine, University of British Columbia, Canada

16:45  DPP-4 INHIBITION BY LINAGLIPTIN PREVENTS CARDIAC DYSFUNCTION AND INFLAMMATION BY TARGETING THE NLRP3/ASC INFLAMMASOME  
Y. Ye, M. Bajaj, Y. Birnbaum  
UTMB, Galveston, TX, USA

17:00  DOWNREGULATED CAVEOLIN-1 EXPRESSION PLAYS A POTENTIAL ROLE IN CORONARY ARTERY SPASM BY INDUCING NITRIC OXIDE PRODUCTION IN VITRO  
X.M. Cao, X.T. Song  
Daxing Hospital, Capital Medical University, Beijing, China

17:15  EFFECTS OF A DISINTEGRIN AND METALLOPROTEASE 10 ON CORONARY ARTERY IN-STENT RESTENOSIS WITH DIABETES  
L. Wu, Y. Wang, Q. Cai, K. Yang, J. Cao  
Ruijin Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, P.R. China

17:30  DIFFERENTIAL ROLES OF THE FULL-LENGTH AND N-TERMINAL FRAGMENT OF SERUM RESPONSE FACTOR ON CARDIOMYOCYTE DIFFERENTIATION FROM CARDIAC STEM CELLS  
Hainan Medical University-Haikou, Hainan, China

17:45  ROLE OF VASCULAR AUTOPHAGY IN HYPERTENSION AND HYPOTENSIVE EFFECTS OF TETRAHYDROXYSTILBENE GLYCOSIDE IN OBESE RATS  
Q. Dong, W. Xing, S. Wang, F. Gao, H. Zhang  
Fourth Military Medical University, Xi’an, China

18:00  ACTIVITY AND EXPRESSION OF CHITOTRIOSIDASE IN A MURINE MODEL OF LIPEMIA INDUCED BY POLOXAMER 407 AND EFFECTIVE HYPOLIPIDEMIC PRETREATMENT  
Institute of Physiology and Basic Medicine, Novosibirsk, Russia  
Mayo Clinic, Arizona, USA
INTERNATIONAL ACADEMY OF CARDIOLOGY
ANNUAL SCIENTIFIC SESSIONS 2017
22nd WORLD CONGRESS ON
HEART DISEASE

VANCOUVER, BC, CANADA, JULY 14 – 16, 2017

Saturday, July 15, 2017
PL07 Plenary Session
VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS

Chairs: S.H. Rahimtoola, Los Angeles, CA, USA
J. Ye, Vancouver, BC, Canada

08:30 SUTURELESS VALVE ASSOCIATED A MINIMALLY INVASIVE APPROACH COVERS THE GAP BETWEEN TRANSCATHETER AORTIC VALVE IMPLANTATION AND CONVENTIONAL AORTIC VALVE REPLACEMENT (Invited Lecture)
A. Miceli
Istituto Clinico Sant’Ambrogio, Gruppo Ospedaliero San Donato, Milano, Italy

08:45 TRANSCATHETER AORTIC VALVE IMPLANTATION FOR PURE AORTIC REGURGITATION (Invited Lecture)
J. Ye
St. Paul’s Hospital, University of British Columbia, Vancouver, BC, Canada

09:00 VALVE PROSTHESIS - PATIENT MISMATCH: AN UPDATE - CLEAR THE CONFUSION AND SIMPLIFY (Invited Lecture)
G. Huang, S.H. Rahimtoola.
Methodist Hospital of Southern California; University of Southern California, CA, USA

09:15 WHEN ANSWERS CANNOT BE FOUND IN THE TEXTBOOK – MAKING DECISIONS IN CHILDREN WITH PROFOUND DISABILITIES (Invited Lecture)
A. Lorber, Rappaport Faculty of Medicine – Technion, Haifa, Israel

09:30 WnT SIGNALING IN ATHEROSCLEROSIS: THE OSTEOCARDIOLOGY GO/NO GO THEORY (Invited Lecture)
N.M. Rajamannan, Mayo Clinic, Rochester, MN, USA

09:45 TAVR FOR ALL COMERS WITH AORTIC STENOSIS: A DESTINATION TOO FAR? (Invited Lecture)
A.N. Cheema, University of Toronto, ON, Canada

10:00 PERICARDIAL CYSTS- REVISITED (Invited Lecture)
Y. Charuzi, R. Van Allan, J. Finkelstein-Boim, J. Mirocha
Cedars Sinai Medical Center, Los Angeles, USA

10:15 DA VINCI AORTIC AND NON-AORTIC SURGERY
P. Stadler, L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic

10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL08  **Plenary Session**

**INFLAMMATION AND CARDIOVASCULAR DISEASE: FROM PATHOGENESIS TO THERAPEUTIC TARGET**

Chair:  
**J.G. Filep**, Montreal, QC, Canada  
**J.L. Mehta**, Little Rock, AR, USA

---

08:30 **BEYOND SLICING AND DICING: CYSTEINE PROTEASE CATHEPSIN K A NOVEL TARGET FOR CARDIOMETABOLIC DISEASE** (Invited Lecture)  
**S. Nair**, University of Wyoming, Laramie, WY, USA  

08:45 **IL-10 AND TOLL LIKE RECEPTORS 2 AND 4 IN CARDIAC STRESS CONDITIONS** (Invited Lecture)  
**P.K. Singal**, A. Bagchi, P. Ayyappan, G. Akolkar  
St. Boniface Hospital Albrechtsen Research Centre, University of Manitoba, Winnipeg, Manitoba, Canada

09:00 **ACUTE CORONARY SYNDROMES: A ROLE FOR INFLAMMATION AND ITS RESOLUTION** (Invited Lecture)  
**J.G. Filep**  
University of Montreal, Montreal, and Maisonneuve-Rosemont Hospital, Montreal, QC, Canada

09:15 **INFLAMMATION, AUTOPHAGY AND MYOCARDIAL ISCHEMIA** (Invited Lecture)  
**J.L. Mehta**  
University of Arkansas for Medical Sciences and CAVHS, Little Rock, AR, USA

09:30 **LYSOPHOSPHATIDIC ACID IS THE CULPRIT MOLECULE INVOLVED IN BOTH ATHEROSCLEROSIS AND IN CANCER** (Invited Lecture)  
**M. Navab**, A. Chattopadhyay, P. Mukherjee, M. Hough, N. Dorreh, P. Martinez, Z. Zarina Barseghyan  
David Geffen School of Medicine, University of California Los Angeles, USA

09:45 **MODIFIED MYXOMAVIRAL SERPIN REACTIVE CENTER LOOP (RCL) PEPTIDE IMPROVES SURVIVAL AND OUTCOMES IN AN ACCELERATED LETHAL MOUSE INFLAMMATORY VASCULITIC SYNDROME MODEL** (Invited Lecture)  
Biodesign Institute/ Arizona State University, Arizona & St Joseph's Hospital, Phoenix, AZ, USA

10:00 **UPSTREAM MEDIATORS OF INFLAMMATION AND THE POTENTIAL TO UNLOCK PARADOXES OF AGE-RELATED DISEASE** (Invited Lecture)  
**S. Cheng**, Brigham and Women’s Hospital, Boston, MA, USA

10:15 **COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
S24  Session
CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

Chairs:  A. Elhendy, Marshfield, WI, USA
T. Tomaru, Tokyo, Japan

08:30  THE UTILITY OF ECHOCARDIOGRAPHY IN SYNCOPE EVALUATION 115
W. Sheu, G. Faldu, S. Noriega, A. Dulku, D. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

08:45  ASSESSMENT OF LEFT VENTRICULAR SEGMENTAL MASS IN HYPERTROPHIC CARDIOMYOPATHY BY THREE DIMENSIONAL ECHOCARDIOGRAPHY 116
H. Salehi
Austin Health, Melbourne, Victoria, Australia

09:00  SAFETY PROFILE OF ECHOCARDIOGRAPHIC CONTRAST AGENTS 117
S. Kumar, C.S. Purtell, A. Peterson, P. Gibbons, J. Lindner, S. Heitner
Oregon Health & Science University, Portland, OR, USA

09:15  CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY AS A COST-EFFECTIVE TEST FOR CORONARY ARTERY DISEASE 118
M. Gorenchtein, E. Wilson, T.J. Turco, A.N. Johnson, J.K. Hersh, K.A. Hebert
Mount Sinai St. Luke's and Mount Sinai West Hospitals, New York, NY, USA

09:30  DOES MORPHOLOGY AND FUNCTION OF THE LEFT ATRIAL APPENDAGE CHANGE AS A RESULT OF MITRAL REGURGITATION? 119
A.P. Ziganshina, E. Meoli, B.A. Ziganshin, J.A. Elefteriades, S.K. Mukherjee
Western Connecticut Health Network, Danbury Hospital, Danbury, CT; Aortic Institute at Yale-New Haven Hospital, Yale University School of Medicine, New Haven, CT, USA

09:45  QUANTIFICATION OF PLEURAL EFFUSIONS BY TWO-DIMENSIONAL ECHOCARDIOGRAPHY 120
S.A. Chang, D. McFarlane, J. Yim, K. Gin, J. Jue, P.K. Lee, P. Nair, M. Tsang, D. Thompson, T. Tsang
University of British Columbia, Vancouver, BC, Canada

10:00  AUTONOMOUS HEART MURMUR DETECTION IN THE ELDERLY WITH VALVE DEFECTS 121
CSD Labs, Graz, Styria, Austria

10:15  SYSTEMATIC REVIEW OF USING SIMULATION TO TEACH ECHOCARDIOGRAPHY 122
UF Health Shands at the University of Florida, Gainesville, FL, USA

10:30  CARDIOVASCULAR ABNORMALITIES IN HIV PATIENTS AND THEIR ASSOCIATION WITH DURATION OF HAART AND CD4 COUNT 123
A. Sharma, H. Dandu, A.K. Tripathi, S. Chandra
Saint Peter's University Hospital/ Rutgers Robertwood Johnson Medical School, New Brunswick, NJ, USA

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 15, 2017

11:00 – 13:15 Hall A

PL09 Plenary Session

IDENTIFICATION AND MODIFICATION OF NOVEL RISK FACTORS FOR CARDIOVASCULAR DISEASES

Chairs: J.S. Borer, New York, NY, USA

J. Shirani, Bethlehem, PA, USA

Abstract No.

11:00 LIFESTYLE FACTORS AND THE IMPACT ON LIFETIME INCIDENCE AND MORTALITY OF CORONARY HEART DISEASE (Invited Lecture)
P.E. Puddu, A Menotti
Sapienza University of Rome, Italy

11:15 NEW CARDIOVASCULAR RISK FACTORS AND ENDOTHELIAL DYSFUNCTION (Invited Lecture)
C. Chen, J.M. Lu, Q. Yao
Baylor College of Medicine, Houston, TX, USA

11:30 PARADOXICAL HOOKAH SMOKING-INDUCED AUGMENTATION OF ENDOTHELIAL FUNCTION (Invited Lecture)
Cedars-Sinai Medical Center, Los Angeles, CA, USA

11:45 CARDIOVASCULAR RISKS OF RECREATIONAL MARIJUANA USE (Invited Lecture)
J. Shirani
St. Luke’s University Health Network, PA, USA

12:00 NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN PATIENTS WITH CORONARY ARTERY DISEASE: RELATIVE RISKS FROM THE PRECISION TRIAL (Invited Lecture)
J.S. Borer
SUNY Downstate Medical Center and College of Medicine, Brooklyn and New York, NY, USA, on behalf of the Executive Committee and other Co-Authors of PRECISION

12:15 NON-PLATELET THROMBOXANE GENERATION AS A NOVEL PREDICTOR OF MORTALITY (Invited Lecture)
J. Rade
University of Massachusetts Medical School, Worcester, MA, USA

12:30 HEALTHY WEIGHT, HEALTHY EATING AND ACTIVE LIFESTYLE REDUCE THE RISK OF HEART DISEASE AND STROKE (Invited Lecture)
H.S. Buttar, University of Ottawa, Ottawa, Ontario, Canada

12:45 A CURRENT UPDATE ON INFLUENZA AND CARDIOVASCULAR DISEASES (Invited Lecture)
M. Madjid, University of Texas at Houston HSC, Houston, TX, USA

13:00 BIG DATA IN CARDIOLOGY - WHERE WE SHOULD BE GOING AND WHY? (Invited Lecture)
R. Potluri
Aston Medical School, Birmingham, UK

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 15, 2017

11:00 – 13:00

Plenary Session
HEMODYNAMICS, INTERVENTIONAL CARDIOLOGY AND SURGICAL TREATMENT

Chairs: L.P. Perrault, Montreal, QC, Canada
G.W. Vetrovec, Richmond, VA, USA

11:00 HEMODYNAMIC SUPPORT FOR HIGH RISK PCI AND CARDIOGENIC SHOCK:
FINDING THE SWEET SPOT (Invited Lecture)
G.W. Vetrovec
VCU Pauler Heart Center, Virginia Commonwealth University, VA, USA

11:15 THE IMPORTANCE OF POST-PCI FFR: “IT’S NOT OVER ‘TIL IT’S REALLY OVER”
(Invited Lecture)
B.F Uretsky
University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:30 DURAGRAFT VASCULAR GRAFT TREATMENT IN THE PREVENTION OF
PATIENTS UNDERGOING CABG (Invited Lecture)
L. Perrault, M. Carrier, D. Bouchard, R. Cartier, P. Demers, Y. Lamarche,
I. El-Hamamsy, D. Tanguay, D. Terronne
Montreal Heart Institute, Montreal, QC, Canada

11:45 HOW TO PREDICT THE LONG-TERM OUTCOME OF NEW STENTS?
(Invited Lecture)
Y. Ueda, Osaka National Hospital, Osaka, Japan

12:00 ROLE OF ECMO IN ADVANCED HEART FAILURE AND CARDIAC ARREST
(Invited Lecture)
A. Kumar
MMIMSR Institute, Mulana, Ambala, India

12:15 COMPREHENSIVE MULTIMODAL INTRA-VASCULAR OPTICAL IMAGING
WITHOUT EXOGENOUS CONTRAST AGENT (Invited Lecture)
H. Yoo, Hanyang University, Seoul, Korea

12:30 DEVELOPMENT OF BIODEGRADABLE NANOFIBROUS DRUG-ELUTING STENTS:
CHALLENGES AND OPPORTUNITIES (Invited Lecture)
S.K. Bhullar, H.S. Buttar
Bursa Technical University, Bursa, Turkey and University of Victoria,
Victoria, BC, Canada

12:45 PERCUTANEOUS HEMODYNAMIC SUPPORT DEVICES IN THE CURRENT DAY
CATH LAB (Invited Lecture)
M. Shanmugasundaram
The University of Arizona College of Medicine/ SAVAHCS, Tucson, AZ, USA

13:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
### PL11 Plenary Session

**IMPROVING UNDERSTANDING, TREATMENT AND OUTCOME IN ATRIAL FIBRILLATION**

**Chairs:**
- **A.B. Curtis**, Buffalo, NY, USA
- **D. Dobrev**, Essen, Germany

**Abstract No.**

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<th>Speaker(s)</th>
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<tr>
<td>11:00</td>
<td>CELLULAR ELECTROPHYSIOLOGICAL MECHANISMS OF PAROXYSMAL ATRIAL FIBRILLATION IN PATIENTS (Invited Lecture)</td>
<td><strong>D. Dobrev</strong>, University Duisburg-Essen, Essen, Germany</td>
</tr>
<tr>
<td>11:15</td>
<td>IS IT TIME TO RETHINK OUR MODEL OF ATRIAL FIBRILLATION AND STROKE? (Invited Lecture)</td>
<td><strong>T.J. Bunch</strong>, Intermountain Medical Center Heart Institute, Murray, UT, USA</td>
</tr>
<tr>
<td>11:30</td>
<td>TREATMENT OF ARRHYTHMIAS IN THE ELDERLY: SPECIFIC AGE RELATED CONSIDERATIONS (Invited Lecture)</td>
<td><strong>S.K. Seidl</strong>, Klinikum Ingolstadt, Ingolstadt, Deutschland</td>
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<tr>
<td>11:45</td>
<td>ARE LOW DOSES OF DIRECT-ACTING ORAL ANTICOAGULANTS JUSTIFIED AND APPROPRIATE IN PATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION? (Invited Lecture)</td>
<td><strong>A. Martinez-Rubio</strong>, O. Martinez-Torrecilla, Univ. Hosp. of Sabadell, Univ. Autonoma of Barcelona, Sabadell, Spain</td>
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<tr>
<td>12:00</td>
<td>UTILIZATION OF 3-D MAPPING FOR SUCCESSFUL ABLATION OF TYPICAL ATRIAL FLUTTER (Invited Lecture)</td>
<td><strong>H. Paydak</strong>, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<tr>
<td>12:15</td>
<td>INCREASED VULNERABILITY OF FAILING HEARTS TO SYMPATHETIC STIMULATION INDUCED ATRIAL FIBRILLATION: THE ROLE OF RYANODINE RECEPTOR DYSFUNCTION (Invited Lecture)</td>
<td><strong>Y. Zhang</strong>, New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA</td>
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<tr>
<td>12:30</td>
<td>ATRIAL FIBRILLATION AND GERIATRIC SYNDROMES (Invited Lecture)</td>
<td><strong>K. Alagiakrishnan</strong>, University of Alberta, Edmonton, Canada</td>
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<tr>
<td>12:45</td>
<td>LEADLESS PACEMAKERS (Invited Lecture)</td>
<td><strong>K.S. Srivathsan</strong>, Mayo Clinic, AZ, USA</td>
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<tr>
<td>13:00</td>
<td>FUNCTIONAL CHARACTERIZATION OF RARE VARIANTS IMPLICATED IN SUSCEPTIBILITY TO LONE ATRIAL FIBRILLATION</td>
<td><strong>K. Hayashi</strong>, N. Fujino, K. Sakata, T. Konno, H. Tada, T. Tsuda, R. Teramoto, A. Nomura, N. Makita, M. Yamagishi, Kanazawa University, Kanazawa, Japan</td>
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<tr>
<td>13:15</td>
<td>LUNCH BREAK, VISIT POSTERS AND EXHIBITION</td>
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# SATURDAY, JULY 15, 2017

## 08:00 – 13:00

### Poster Hall

## P201 ECHOCARDIOGRAPHY

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<td>1</td>
<td>152</td>
<td>PROGNOSTIC IMPACT OF LEFT VENTRICULAR REMODELING IN ARTERIAL</td>
<td>I. Fabiani, N.R. Pugliese, S. La Carrubba, L. Conte, F. Antonini Canterin, P. Colonna, S. Carerj, F. Benedetto, E. Calogero, V. Di Bello</td>
<td>SD Cardioangiologia Universitaria, Pisa, Italy</td>
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<tr>
<td>2</td>
<td>153</td>
<td>RELATIONSHIP BETWEEN CARDIOMEGALY BY CHEST X-RAY AND LEFT VENTRICULAR SIZE BY ECHOCARDIOGRAPHY</td>
<td>S.A. Chang, D. McFarlane, J. Yim, K. Gin, J. Jue, P.K. Lee, P. Nair, M. Tsang, D. Thompson, T.S. Tsang</td>
<td>University of British Columbia, Vancouver, BC, Canada</td>
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## P203 ACUTE MYOCARDIAL INFARCTION, REPERFUSION THERAPY

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<td>5</td>
<td>156</td>
<td>EFFECT OF TAILORED USE OF TIROFIBAN IN PATIENTS WITH NON-ST-ELEVATION ACUTE CORONARY SYNDROME UNDERGOING PERCUTANEOUS CORONARY INTERVENTION</td>
<td>T.J. Youn, J.W. Suh, W.J. Lee, D.G. Park, K.J. Ahn</td>
<td>Seoul National University and Seoul National University Bundang Hospital, Seongnam, Korea</td>
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<td>6</td>
<td>157</td>
<td>AMI IN PATIENTS WITH NON-OCCLUSIVE CORONARY ARTERY DISEASE.</td>
<td>P.J. Cruz, S.S. Imran, K.L. Leow, M. Liang</td>
<td>Khoo Teck Puat Hopsital, Singapore</td>
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<td>8</td>
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<td>POSSIBLE DIFFUSE ALVEOLAR HEMORRHAGE FROM BIVALIRUDIN USE</td>
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<td>Easton Hospital, Easton, PA, USA</td>
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J.R. Kneller, K. Merrill, T. Evans, K. Larios, J. Thorndike
Yakima Heart Center, Yakima, WA, USA
SATURDAY, JULY 15, 2017

08:00 – 13:00  Poster Hall

P205  ELECTROPHYSIOLOGY, SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY (cont.)

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P206  ATRIAL FIBRILLATION AND SUPRAVENTRICAL ARRHYTHMIA

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<td>E.N. Dreessen, T.M. Ratajczak, A.A. El-Moghraby, R. Arcenas Wright State University Department of Internal Medicine, Dayton, OH, USA</td>
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    University of Tennessee Health science center, Memphis, Tennessee, USA

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31  A CASE OF INCIDENTAL CORONARY ARTERY ECTASIA 182
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32  ATTEMPTING TO CLEANUP A RIGHT ATRIAL MASS IN A 20 YEAR OLD FEMALE WITH ANGIOVAC 183
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    University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA
PL12  Plenary Session
HYPERTENSION, OBESITY, DIABETES MELLITUS AND CARDIOVASCULAR DISEASES, PREVENTION, RISK REDUCTION AND TREATMENT

Chairs:  N.S. Dhalla, Winnipeg, MB, Canada
        B.I. Jugdutt, Edmonton, AL, Canada

14:00  PROTECTION OF DIABETIC HEART WITH PDE5 INHIBITION AND HYDROXYCHLOROQUINE
R. Wang, L. Xi, R.C. Kukreja  (Invited Lecture)
Virginia Commonwealth University, Richmond VA, USA

Y. Ye, M. Bajaj, Y. Hsiu-Chiung, J.R. Perez-Polo, Y. Birnbaum
UTMB, Galveston, Texas, USA

14:30  CO2 WATER-BATH AS A NOVEL THERAPY FOR THE TREATMENT OF PERIPHERAL ARTERY DISEASE IN DIABETES  (Invited Lecture)
N.S. Dhalla, Y.J. Xu, V. Elimban
Rady Faculty of Health Sciences, University of Manitoba, Winnipeg, Canada

14:45  CARDIOVASCULAR MECHANISMS OF EXERCISE INTOLERANCE IN DIABETES AND THE ROLE OF SEX  (Invited Lecture)
J.G. Regensteiner, M. Cree-Green, D. Rafferty, T.A. Bauer, J.E.B. Reusch
University of Colorado School of Medicine, Aurora, Colorado, USA

15:00  AGING AND OBESITY  (Invited Lecture)
B.I. Jugdutt
University of Alberta, Edmonton, Alberta, Canada

15:15  ROLE OF THE ADIPOKINE OMENTIN IN CARDIOVASCULAR DISEASE  (Invited Lecture)
N. Ouchi
Nagoya University Graduate School of Medicine, Nagoya, Japan

15:30  REVASCULARIZATION IN PATIENTS WITH DIABETES MELLITUS: OPTIMAL APPROACH IN 2017  (Invited Lecture)
G.W. Barsness
Mayo Clinic, Rochester, MN, USA

15:45  CLINICAL SIGNIFICANCE OF EXAGGERATED BLOOD PRESSURE  (Invited Lecture)
P. Kokkinos
Veterans Affairs Medical Center, Washington, DC, Georgetown University School of Medicine, George Washington University School, University of South Carolina, USA

16:00  mTOR SIGNALING IN DIABETES AND MYOCARDIAL INFARCTION  (Invited Lecture)
A. Das
Virginia Commonwealth University, Richmond, Virginia, USA

16:15  COFFEE BREAK, VISIT EXHIBITION
PL13  Plenary Session
VASCULAR REMODELING AND CARDIAC REGENERATION AND REPAIR

Chairs:  A.M. Gerdes, Old Westbury, NY, USA
         K.N. Pandey, New Orleans, LA, USA

14:00  LOW DOSE IGF1 FOR CARDIAC CYTOPROTECTION AND REPAIR FROM
       MOUSE TO MAN (Invited Lecture)
       N.M. Caplice, University College Cork, Ireland

14:15  WHERE ARE WE WITH BONE MARROW CELL THERAPY FOR HEART REPAIR?
       (Invited Lecture)
       B. Dawn, University of Kansas Medical Center, Kansas City, KS, USA

14:30  WHAT YOU SHOULD KNOW ABOUT CARDIAC REMODELING  (Invited Lecture)
       A.M. Gerdes
       New York Institute of Technology College of Osteopathic Medicine, Old Westbury,
       NY, USA

14:45  PLAQUE ANGIOGENESIS IN HUMAN ATHEROSCLEROSIS:
       A SYSTEMS MEDICINE APPROACH  (Invited Lecture)
       Maastricht University, The Netherlands

15:00  REBUILDING THE FAILING HEART WITH CELL THERAPY:
       ROADBLOCKS TO OVERCOME  (Invited Lecture)
       J. Zhang
       UAB - The University of Alabama at Birmingham, Birmingham, AL, USA

15:15  HISTONE DEACETYLASE INHIBITORS PREVENT CARDIAC HYPERTROPHIC
       REMODELING AND DYSFUNCTION IN NPR1 HAPLOTYPE MICE  (Invited Lecture)
       K.N. Pandey
       Tulane University Health Sciences Center, School of Medicine, New Orleans,
       LA, USA

15:30  STEM CELLS DERIVED EXOSOMES: A FUTURE OF CELL THERAPY
       (Invited Lecture)
       D. Singla, University of Central Florida, Orlando, FL, USA

15:45  BIOELECTRIC STIMULATION FOR ORGAN REGENERATION  (Invited Lecture)
       L.W. Miller, Leonhardt Ventures, Tampa, FL, USA

16:00  A NOVEL MECHANISM CONTROLLING VASCULAR REMODELING
       (Invited Lecture)
       R. Tang, X.B. Cui, J.N. Wang, S.Y. Chen
       University of Georgia, Athens, GA, USA

16:15  EMERGING ROLE OF CELLULAR THERAPY (STEM CELL THERAPY) IN
       CORONARY ARTERY DISEASE  (Invited Lecture)
       University of Arkansas for Medical Sciences, Little Rock, AR, USA

16:30  MACROPHAGES AND CARDIAC REPAIR  (Invited Lecture)
       E. Thorp, Feinberg School of Medicine, Chicago, IL, USA

16:45  COFFEE BREAK, VISIT EXHIBITION
S25  Session
ARRHYTHMIA I: DIAGNOSIS, DRUG THERAPY, ABLATION

Chairs:  T.J. Bunch, Murray, UT, USA
A. Martinez-Rubio, Barcelona, Spain

14:00  THE VALUE OF INCORPORATING THE LEFT ATRIAL SIZE TO THE CURRENT STROKE RISK SCORING SYSTEMS FOR ATRIAL FIBRILLATION, M. Shahreyar, S.A. Salem, U. Ashraf, J. Gardner, W.P. Skelton, R.N. Khouzam University of Tennessee Health Science Center, Memphis, TN, USA

14:15  EFFECT OF ATRIAL FIBRILLATION ON THE IN-HOSPITAL MORBIDITY AND MORTALITY TRENDS OF TAKOTSUBO CARDIOMYOPATHY A. Sharma, P. Charilaou, N. Patel, B. Yegneswaran, A. Badheka Saint Peter’s University Hospital/ Rutgers Robertwood Johnson Medical School, New Brunswick, NJ, USA

14:30  ASSOCIATION OF CHA2DS2VASC AND R2CHADS2 SCORES WITH LEFT ATRIAL VOLUME INDEX: A RETROSPECTIVE STUDY OF STROKE PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION (NVAF) J.J. Mehta, M.R. Vindhyal, J.K. Kallail, F.A. Eid University of Kansas School of Medicine - Wichita, KS, USA

14:45  INFERIOR VENA CAVA DIAMETER BY HAND HELD ULTRASOUND PREDICTS ATRIAL FIBRILLATION RECURRENCE AFTER CARDIOVERSION D.W. Kehl, R. Zimmer, I. Kedan Cedars-Sinai Heart Institute, Los Angeles, CA, USA

15:00  PVI WITHOUT FLUOROSCOPY IS AS SAFE, EFFICIENT, AND EFFECTIVE AS TRADITIONAL FLUOROSCOPIC TECHNIQUES A. Ahmad, A. Velasco, J. Barrios, H. McElderry, V. Plumb, T. Yamada, V. Kumar, H. Doppalapudi, W. Maddox The University of Alabama at Birmingham, Birmingham, AL, USA

15:15  AV NODAL REENTRANT TACHYCARDIA OF THE SICK M.E. Madmani, F.J. Habash, P. Card, B. Boye, H. Paydak University of Arkansas for Medical Sciences, Little Rock, AR, USA

15:30  INTER-OBSERVER RELIABILITY OF TWO-DIMENSIONAL SPECKLE-TRACKING DERIVED GLOBAL LEFT ATRIAL STRAIN MEASUREMENTS IN PATIENTS WITH SLEEP DISORDERED BREATHING AND PAROXYSMAL ATRIAL FIBRILLATION: RESULTS FROM THE SAFEBEAT STUDY B. Xu, R. Byrne, R. Mehra, J. Aylor, R. Nawabit, L. Wang, J. Bena, D. Kwon Heart and Vascular Institute, Cleveland Clinic, OH, USA

15:45  ASSOCIATION OF BRAIN NATRIURETIC PEPTIDE AND ATRIAL FIBRILLATION RECURRENCE AFTER SUCCESSFUL ELECTRICAL CARDIOVERSION: A MULTIVARIATE ANALYSIS INCLUDING DIASTOLIC DYSFUNCTION A. Al-Sheyyab, T. Gilotra, B. Barad, M. Jbara, T. Paul East Tennessee State University, Johnson City, Tennessee, USA
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<td>ASSESSMENT OF SAFETY OF BOLUS INJECTION OF PROTAMINE AFTER PULMONARY VEIN ISOLATION</td>
<td>T.J. Matsubara, K. Fujiu, E. Hasumi, T. Kojima, I. Komuro</td>
<td>Tokyo University, Tokyo, Japan</td>
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<td>RAMP™ SHEATH DECREASES THE NUMBER OF RADIOFREQUENCY ABLATION APPLICATIONS FOR BIDIRECTIONAL ISTHMUS BLOCK IN TYPICAL RIGHT ATRIAL FLUTTER</td>
<td>J.A. Thomas, J. Wong, L. Achanta, L. Oke, R. Delongchamp, N. Pothineni, W. Maskoun, A. Sewani, H. Paydak</td>
<td>University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<td>CONVERSION OF ISOLATED UNIDIRECTIONAL ISTHMUS BLOCK TO BIDIRECTIONAL BLOCK BY ABLATING A DIFFERENT LOCATION IN THE CAVO-TRICUSPID ISTHMUS FOR THE TREATMENT OF TYPICAL ATRIAL FLUTTER</td>
<td>J. Xu, J. Wong, S. Reddy, T.E. Watts, K. Singkhek, H. Paydak</td>
<td>University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<td>16:45</td>
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## Session S26

**CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT**

**Chairs:**
- **G. Barsness**, Rochester, MN, USA
- **S. Mora**, Boston, MA, USA

### Abstract No. 16:30

**ASSOCIATION OF SERUM FERRITIN WITH CARDIOVASCULAR DISEASE INCIDENCE AMONG AFRICAN AMERICANS: A JACKSON HEART STUDY**  
Atlanta Morehouse School of Med, GA, USA

### Abstract No. 16:45

**SOCIAL SUPPORT VERSUS ISOLATION: RELATION TO GLOBAL CARDIOVASCULAR HEALTH**  
**S.R. Behforooz**, C.K. Kieu, N.D. Wong  
University of California, Irvine, CA, USA

### Abstract No. 17:00

**CARDIORESPIRATORY FITNESS ATTENUATES THE RISK OF CONGESTIVE HEART FAILURE IN HYPERTENSIVES**  
**P. Kokkinos**, P. Narayan, F. Mordini, J. Myers, A. Ahmed, C. Faselis  
Veterans Affairs Medical Center, Washington, DC, USA

### Abstract No. 17:15

**A FEASIBILITY STUDY ON 10-YEAR CVD RISK ASSESSMENT AS A SECONDARY PREVENTION TOOL FOR CARDIOVASCULAR DISEASE**  
**R. Shi**, **Y. Lan**, **W. Yu**  
Pfizer, China

### Abstract No. 17:30

**PATIENT CENTERED SPECIALTY PRACTICE: THE PROVIDENCE EXPERIENCE**  
**X. Huang**, L. Jones Larson  
Providence Heart Clinic, Portland, OR, USA

### Abstract No. 17:45

**PREVALENCE OF ASYMPTOMATIC PERIPHERAL ARTERIAL DISEASE BY ANKLE BRACHIAL INDEX AND ITS CORRELATION TO ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (ASCVD) RISK ESTIMATE AMONG PATIENTS IN A PRIVATE TERTIARY HOSPITAL IN PASAY CITY, PHILIPPINES: A PROSPECTIVE ANALYTICAL STUDY**  
**A.V. Dela Cruz**, G.M. Obrado, M.O. Matulac  
Adventist Medical Center Manila. Pasay City, Philippines

### Abstract No. 18:00

**MAKING THE DECISION TO QUIT SMOKING: IMPACT OF INTERACTIVE AND EDUCATIONAL VIDEO APPLIED IN POPULATION WITH MULTIMORBIDITIES**  
**L.S. Pereira**, M.F. Madureira, M.F.M. Lamas, D.A. Brum, N.P. Sobreira, N.S. Pereira, **A.G.S. Galil**, A.P. Cupertino, F.A.B. Colugnati  
Public University of Juiz de Fora, Juiz de Fora, Minas Gerais, Brazil
SATURDAY, JULY 15, 2017

17:00 – 19:15 Hall B

S27 Session
ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT

Chairs:  
Y. Ueda, Osaka, Japan  
B. Uretsky, Little Rock, AR, USA

Abstract No.

17:00 NON-CULPRIT VESSEL OBSTRUCTIVE LESIONS IN PATIENTS WITH ANTERIOR ST ELEVATION MYOCARDIAL INFARCTION AND INFERIOR ST DEPRESSIONS  
T.J. Breen, P. Fisher, M. Torosoff, A. Nappi  
Albany Medical College, Albany, NY, USA  

17:15 WOMEN FAIL TO RECOGNIZE SYMPTOMS OF MYOCARDIAL INFARCTION LEADING TO DELAYS IN HOSPITAL PRESENTATION  
E. Wilson, J.P. Cordova, C.P. Bavishi, J. Tamis-Holland  
Mount Sinai St. Luke’s and Mount Sinai West Hospitals, Icahn School of Medicine at Mount Sinai, New York, NY, USA  

17:30 TYPE II MYOCARDIAL INFARCTION AND THE RISK OF READMISSION  
Aurora Health Care, Milwaukee, WI, USA  

17:45 THE HIGH-DEGREE ATRIOVENTRICULAR BLOCK REMAINS A SEVERE PROGNOSTIC MARKER IN THE PRIMARY PERCUTANEOUS CORONARY INTERVENTION ERA, THE NEXT STEP  
P. Dobes  
Glenfield Hospital, University Hospitals of Leicester NHS Trust, Leicester, UK  

18:00 ONE-YEAR MORTALITY IN TYPE 2 MI: PATIENT CHARACTERISTICS FROM A LARGE CLINICAL SERIES  
Aurora Health Care, Milwaukee, WI, USA  

18:15 ACUTE MYOCARDIAL INFARCTION AND CHRONIC TOTAL OCCLUSIONS: A NOT SO INNOCENT SILENT GUEST  
J.M. Telayna, R.A. Costantini, J.M.(h) Telayna  
Hospital Universitario Austral, Pilar, Buenos Aires, Argentina  

18:30 POSTCONDITIONING WITH LACTATE-ENRICHED BLOOD FOR CARDIOPROTECTION IN HUMANS  
Saitama Municipal Hospital, Saitama City, Saitama, Japan  

222 223 224 225 226 227 228
SATURDAY, JULY 15, 2017

17:00 – 19:15 Hall B

S27 ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT (cont.)

18:45 STRESS-INDUCED THROMBUS: ROLE OF ANTICOAGULATION IN TAKOTSUBO CARDIOMYOPATHY
M.R. Heckle, C.W. McCoy, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

19:00 STEMI IN A PATIENT WITH HIV ASSOCIATED CORONARY ARTERY DISEASE
East Tennessee State University, Johnson City, TN, USA
17:00 A NOVEL RYR2 P.R420W MUTATION CAUSING SUDDEN CARDIAC DEATH IN FAMILIES WITH CPVT
O.A. Abdel-Razek, A. Collier, F. Curtis, S. Predham, A. Bullen, J. Houston, S. Stuckless, S. Connors, T.L. Young, K.L. Hodgkinson Memorial University, St. John’s, Newfoundland and Labrador, Canada

17:15 OUTCOMES IN QUADRIPOULAR VS BIPOLAR LEFT VENTRICULAR LEADS IN CARDIAC RESYNCHRONIZATION THERAPY (CRT): A META-ANALYSIS OF SEVEN STUDIES

17:30 BETTER THAN YOU THINK: APPROPRIATE USE OF IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS AT A SINGLE ACADEMIC CENTER

17:45 SUDDEN CARDIAC DEATH (SCD) AND SUDDEN UNEXPLAINED DEATH (SUD) IN NEWFOUNDLAND AND LABRADOR: A 10 YEAR RETROSPECTIVE STUDY
R.A. Alkhateb, F.L. Paulin, S.I. Avis, B.A. Gallagher, F.I. Curtis, T.L. Young, S.E. Connors, K.A. Hodgkinson Memorial University, St. John’s, NL, Canada

18:00 STAPLING FOR WOUND DEHISCENCE AFTER CARDIAC IMPLANTABLE ELECTRONIC DEVICE IMPLANTATION
O. Paydak, N.V. Pothineni, P. Card, A. Sewani University of Arkansas for Medical Sciences, Little Rock, AR, USA

18:15 2 CASES OF PACEMAKER DERMATITIS INDUCED BY BACKPACK STRAP FRICTION
T.J. Matsubara, K. Fujiu, E. Hasumi, T. Kojima, T. Sato, M. Yamasaki, S. Ohnishi, I. Komuro Tokyo University, Tokyo, Japan

K.S. Suarez, S.M. Mehta, S.A. Zamin, J.E. Banchs Scott and White Medical Center, Temple, TX, USA

18:45 TORSADES DE POINTES IN THE SETTING OF IVABRADINE
E.N. Dressens, T.M. Ratajczak, A.A. El-Moghraby, A. Wase Wright State University, Dayton, OH, USA
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**S28**  ARRHYTHMIA II: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY (cont.)

19:00  RECURRENT CONTACT DERMATITIS SECONDARY TO ADHESIVE TAPE AND DERMABOND USE AFTER PACEMAKER PROCEDURE
**P. Card**, A. Shanbhag, J. Guthrie, L. Gao, H. Paydak
University of Arkansas for Medical Sciences, Little Rock, AR, USA

19:15  VENTRICULAR FIBRILLATION STORM: AN UNCOMMON PRESENTATION OF IDIOPATHIC HEART BLOCK
**O.E. Egbuche**, D. Adedinsewo, P. Agasthi, A. Onwuanyi
Morehouse School of Medicine, Atlanta, Georgia, USA
PL14

Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2017: HOW CAN WE DO BETTER?

Chairs: P.A. Heidenreich, Palo Alto, CA, USA
J. Veselka, Prague, Czech Republic

Abstract No.

08:30
DIASTOLIC HEART FAILURE AND ATRIAL FIBRILLATION, THE TWIN-EVIL EPIDEMIC IN THE ELDERLY (Invited Lecture)
St. Louis University Medical School, St. Louis, Missouri, USA

08:45
BLOOD UREA NITROGEN REFLECTS THE COMPLEXITY OF CARDIORENAL INTERACTIONS IN HEART FAILURE (Invited Lecture)
A. Kazory, University of Florida, Gainesville, FL, USA

09:00
THE COST-EFFECTIVENESS OF NEW INTERVENTIONS FOR HEART FAILURE (Invited Lecture)
P.A. Heidenreich, Palo Alto VA Health Care System, Stanford University, Palo Alto, CA, USA

09:15
STATIN MODIFIES THE ASSOCIATION OF FISH CONSUMPTION WITH RISK OF HEART FAILURE: THE PHYSICIANS’ HEALTH STUDY (Invited Lecture)
L. Djousse, J.M. Gaziano
Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

09:30
THERAPY OF HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY (Invited Lecture)
J. Veselka
Motol University Hospital, 2nd Medical School, Charles University, Prague

09:45
KETOGENIC SIGNALING AND BDH1 AS EARLY BIOMARKERS OF DCM (Invited Lecture)
B. Tuana, University of Ottawa, ON, Canada

10:00
SEX DIFFERENCES IN BIOMARKERS OF HEART FAILURE (Invited Lecture)
Mayo Clinic, Jacksonville, FL, USA

10:15
DIFFERENTIAL ROLES OF MITOPHAGY IN THE HEART UNDER FASTING AND DIABETIC CONDITIONS (Invited Lecture)
New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

10:30
IMPROVEMENTS IN BIVENTRICULAR CARDIAC MECHANICS NOTED IN PATIENTS WITH AL AMYLOIDOSIS AFTER STEM CELL TRANSPLANTATION (Invited Lecture)
C.S. Purtell, E. Scott*, S. Heitner
Oregon Health and Science University, Portland, OR, USA
SUNDAY, JULY 16, 2017

08:30 – 11:00  Hall A

PL14  Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2017: HOW CAN WE DO BETTER? (cont.)

10:45  PSYCHIATRIC DISORDERS ARE LINKED TO HIGHER IN-HOSPITAL MORTALITY IN PATIENTS WITH TAKOTSUBO CARDIOMYOPATHY

S. Stroud, C. Gaefke, J. Sargeant, P. Suryanarayana, A. Abidov
University of Arizona, Tucson, AZ, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 16, 2017

08:30 – 11:15 Hall B

PL15 Plenary Session
ATHEROSCLEROSIS: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS, PROGNOSIS AND TREATMENT

Chairs: J.D. Marsh, Little Rock, AR, USA
K. Prasad, Saskatoon, SK, Canada

Abstract No.

08:30 NUTRACEUTICALS IN THE PREVENTION AND TREATMENT OF ATHEROSCLEROSIS (Invited Lecture)
H. Gallagher, J.W.E. Moss, J. Williams, T.S. Davies, W. Al-Ahmadi, V. O’Morain, D.P. Ramji
Cardiff University, Cardiff, UK

08:45 THE SPASMOGENIC ACTION OF THE PROTEASOME INHIBITOR CARFILZOMIB ON ARTERIAL AND VENOUS CONDUITS FROM PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY IS ACCENTUATED BY PREEXISTING TYPE II DIABETES (Invited Lecture)
T.M. Scarabelli
Pauley Heart Center, Virginia Commonwealth University (VCU), Richmond, Virginia, USA

09:00 EPIGENETIC REGULATION OF ACUTE CORONARY SYNDROMES (Invited Lecture)
L.M. Biasucci, G. La Rosa, M.C. Grimaldi, C. Mandolini, F. Crea
Catholic University of the Sacred Heart, Rome, Italy

09:15 LOW SERUM LEVELS OF SOLUBLE RECEPTOR FOR ADVANCED GLYCATION END PRODUCTS IS NOT AN UNIVERSAL BIOMARKER FOR CARDIOVASCULAR DISEASE (Invited Lecture)
K. Prasad, University of Saskatchewan, Saskatoon, SK, Canada

09:30 INTERVENTIONS FOR STROKE PREVENTION: WHAT IS A CARDIOLOGIST TO DO? (Invited Lecture)
J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, Arkansas, USA

09:45 NOVEL MECHANISM OF EXERCISE-INDUCED CARDIOVASCULAR PROTECTION: ROLE OF EXOSOMES (Invited Lecture)
Z. Hou, G. Li, X. Qin, F. Gao
The Fourth Military Medical University, Xi’an, China

10:00 TARGETED THERAPEUTIC STRATEGY IN HIGH-RISK PLAQUE (Invited Lecture)
J.W. Kim
Korea University Guro Hospital, Seoul, Republic of Korea

10:15 IMPACT OF REACTIVE OXYGEN SPECIES ON CORONARY ATHEROSCLEROSIS (Invited Lecture)
M. Terashima
Toyohashi Heart Center, Toyohashi, Aichi, JAPAN
SUNDAY, JULY 16, 2017

08:30 – 11:15 Hall B

PL15 Plenary Session
ATHEROSCLEROSIS: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS, PROGNOSIS AND TREATMENT (cont.)

Abstract No.

10:30 IMMUNOLOGICAL CONCEPTS DRIVING ATHEROSCLEROTIC PLAQUE REGRESSION (Invited Lecture)
F. Dierick, V. Michaud, T. Ebrahimian, S. Lehoux
McGill University, Montreal QC, Canada

10:45 CHITOTRIOSIDASE AS A NON-LIPID MARKER OF ATHEROSCLEROSIS AND PROGNOSTIC FACTOR IN CARDIOVASCULAR EVENTS (Invited Lecture)
T.A. Korolenko, M.S. Cherkanova, N.V. Goncharova, A.B. Shintyapina, G.S. Russkikh, Ts.P Korolenko
Institute of Physiology and Basic Medicine, Novosibirsk, Russia

11:00 NEW INSIGHTS INTO MYOCARDIAL ISCHEMIA/REPERFUSION INJURY - HOW TO DAMP-EN A RAGE-ING HEART (Invited Lecture)
Z. Yang
University of Virginia, Charlottesville, VA, USA

11:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 16, 2017

08:30 – 10:45 Hall C

S29  Session
ADVANCES IN INTERVENTIONAL CARDIOLOGY

Chairs:  
A. Garcia, Orlando, FL, USA  
R. Sachdeva, Atlanta, GA, USA

Abstract No.

08:30  EFFECT OF BASELINE REGIONAL WALL MOTION ABNORMALITIES ON CORONARY FRACTIONAL FLOW RESERVE
T.A. Ahmad, I. Gilchrist, A. Basit, E.H. Campoverde, S.M. Bokhari, M. Kozak  
Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

08:45  META-ANALYSIS COMPARING BIORESORBABLE VS. DRUG-ELUTING STENTS
N. King, C. Wood, N.A. Smart, Plymouth University, Plymouth, Devon, UK

09:00  ROUTINE ANGIOGRAPHIC FOLLOW-UP VERSUS ROUTINE CLINICAL FOLLOW-UP AFTER PCI: META-ANALYSIS OF RANDOMIZED CONTROLLED CLINICAL TRIALS
K. Shaikh, P. Sethi, N. Rajpurohit, M. Gedela, A. Stys  
Sanford Heart Hospital University of South Dakota, SD, USA

09:15  PERCUTANEOUS CORONARY INTERVENTION OUTCOMES IN PATIENTS WITH PRE-PROCEDURAL THROMBOCYTOPENIA
East Tennessee State University, Johnson City, TN, USA

09:30  USE OF CHEST X-RAY TO PREDICT PRESENCE OF TORTUOUS RIGHT BRACHIOCEPHALIC ARTERY PRIOR TO RIGHT RADIAL ACCESS FOR CARDIAC CATHETERIZATION PROCEDURES; A RETROSPECTIVE STUDY
S. Salem, D. Uppal, A. Sharma; R.N. Khouzam, R. Kedzierski, N. Garg  
University of Tennessee Health Science Center, Memphis, TN, USA

09:45  SHOULD WE STILL DOUBT TRANSRADIAL ACCESS IN STEMI?
J.M. Telayna, R.A. Costantini, J.M. Telayna (h)  
Hospital Universitario Austral, Buenos Aires, Argentina

10:00  SHORTER AND SHORTER DOOR-TO- BALLOON TIME FOR STEMI: SHOULD THERE BE A MINIMUM LIMIT?
T. Bob-Manuel, S. Askandar, P. Singh, M.R. Heckle, R.N Khouzam  
University of Tennessee Health Science Center, Memphis, Tennessee, USA

10:15  INTRAMURAL HEMATOMAS, RECURRENT ST ELEVATION MYOCARDIAL INFARCTIONS, AND THE INSPIRATION FROM MARY POPPINS “THE CHIMNEY SWEEP TECHNIQUE”
M.S. Khan, S. Kelly, S. Li, M.R. Sheikh, T. Stys, A. Stys  
University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

10:30  SUBCLAVIAN ARTERY STENOSIS WITH INTERNAL MAMMARY ARTERY OCCLUSION AND MUTLI-VESSEL OSTIAL STENOSES
K.A. Samtani, T.T. Aung, G.J. Fishbein  
Wright State University, Dayton, OH, USA

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 16, 2017

11:15 – 13:30 Hall A

S30 Session
HEART FAILURE: PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOME

Chairs: M. Dandel, Berlin, Germany
L. Djousse, Boston, MA, USA

Abstract No.

11:15 CLINICAL AND ECHOCARDIOGRAPHIC PREDICTORS OF ARRHYTHMIAS DETECTED WITH 24-HOUR HOLTER ELECTROCARDIOGRAPHY AMONG HYPERTENSIVE HEART FAILURE PATIENTS IN NIGERIA
Metropolitan Hospital Center, New York, NY, USA

11:30 ANEMIA-RELATED HIGH OUTPUT HEART FAILURE IN SICKLE CELL DISEASE (SCD)- DOES IT EXIST?
A.C. Atanda, O.I. Atanda, Y. Aliyu, A. Babadoko, A. Suleiman, A. Mamman, Z.Y. Aliyu
Howard University Hospital, Washington DC, USA

11:45 A SPECIALTY SPECIFIC CARDIOLOGY CARE TEAM MODEL IN A PATIENT-CENTERED MEDICAL HOME SETTING IMPROVES EFFICIENCY, ACCESS, QUALITY AND PRODUCTIVITY IN A MULTI-SPECIALITY INTEGRATED HEALTHCARE DELIVERY SYSTEM
A. Thakore, V. Malhotra
AdvantageCare Physicians, New York, NY, USA

12:00 EFFECT OF BETA-BLOCKER THERAPY ON READMISSIONS AND MORTALITY IN HEART FAILURE PATIENTS WITH ONGOING COCAINE USE
Morehouse School of Medicine, Atlanta, Georgia, USA

12:15 EFFECTIVENESS OF IMPLEMENTATION INTERVENTIONS IN IMPROVING PHYSICIAN ADHERENCE TO GUIDELINE RECOMMENDATIONS IN HEART FAILURE: A SYSTEMATIC REVIEW
Bachelor of Health Sciences Program, McMaster University, Hamilton, ON, Canada

12:30 ATRIAL FLUTTER IN A YOUNG WOMAN WITH DANON DISEASE
N.Y. Tan, S. Kapa, S.J. Asirvatham, Mayo Clinic, Rochester, MN, USA

12:45 CANCER AND TAKOTSUBO CARDIOMYOPATHY – IS THERE A CONNECTION?
J. Penalver, K. Lo, N. Sirinvaravong, D. Brito, G. Eiger
Einstein Medical Center, Philadelphia, PA, USA

13:00 CHRONIC KIDNEY DISEASE AMONG PATIENTS WITH MULTIPLE CHRONIC CONDITIONS
Public University of Juiz de Fora, Juiz de Fora, Minas Gerais, Brazil

13:15 FULMINANT MYOCARDITIS CAUSED BY INFLUENZA A/H3
A. Quddus, R. Aurshiya, S. Pakniyat, A. Bajwa, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA
SUNDAY, JULY 16, 2017

11:30 – 13:15 Hall B

S31 Session
NEW CONCEPTS IN THE PATHOGENESIS, DETECTION AND TREATMENT OF CARDIOVASCULAR DISEASES

Chairs:  
S. Lehoux, Montreal, QC, Canada  
D.P. Ramji, Cardiff, UK

Abstract No.

11:30 OXIDIZED LDL INDUCED DENDRITIC CELL MATURATION AND T CELL ACTIVATION - A NOVEL IMMUNOLOGICAL ROLE OF PCSK9  
A. Liu, J. Frostegard, Karolinska Institutet, Stockholm, Sweden  

11:45 SEX DIFFERENCES IN THE EFFECT OF VITAMIN D ON INFLAMMATORY HEART DISEASE: PROTECTIVE IN WOMEN BUT DAMAGING IN MEN  
K.A. Bruno, L.T. Cooper, J.E. Mathews, E.J. Douglass, J.E. Brandt, A. Bucek, M.J. Coronado, D. Fairweather  
Mayo Clinic, Jacksonville, FL, USA

12:00 SERUM LEVEL OF DHA IS INDEPENDENTLY ASSOCIATED WITH CORONARY ARTERY DISEASE IN CHINESE ELDERLY POPULATION  
Peking University First Hospital, Beijing, People's Republic of China

12:15 EFFICACY OF CANRENONE ADDED ON TOP OF MAXIMUM TOLERATED DOSE OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS/ANGIOTENSIN II TYPE 1 RECEPTOR BLOCKERS PLUS HYDROCHLOROTHIAZIDE AS ASSESSED BY 24-H AMBULATORY BLOOD PRESSURE MONITORING IN UNCONTROLLED HYPERTENSIVE PATIENTS  
G.V. Gaudio, G. De Rosa, A. Lupi, A. Davino, C. Sala, A. Mugellini, V. Vulpis, S. Felis, M. Vanasia, L. Guasti  
G. Gaudio, on behalf of the ESCAPE-IT Trial Investigators group  
Asst Valle Olona, Somma Lombardo, Italy

12:30 RANOLAZINE AFTER NOVEL TREATMENT FOR ERBB2 POSITIVE BREAST CANCER (TDM1) PREVENTS CARDIOTOXICITY IN VITRO AND IN VIVO (Invited Lecture)  
Istituto Nazionale per lo Studio e la Cura dei Tumori Fondazione Giovanni Pascale- IRCCS, Naples, Italy

12:45 TISSUE-ENGINEERED HEART VALVES WITH THE AUTOASSEMBLY METHOD  
Faculty of Sciences and Engineering, Laval University, Quebec, QC, Canada

13:00 CYSTATIN C IN ACUTE LIPEMIA IN MICE PRETREATED BY ATORVASTATIN OR/AND FENOFIBRATE  
Institute of Physiology and Basic Medicine, Novosibirsk, Russia
S32 Session

VALVULAR AND STRUCTURAL HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS

Chairs: A. Miceli, Milan, Italy
N. Rajamannan, Rochester, MN, USA

11:00 TRANSAPICAL AORTIC VALVE IMPLANTATION UTILIZING THE J-VALVE IN PATIENTS WITH AORTIC REGURGITATION: A ONE-YEAR RESULTS OF THE MULTI-CENTRE STUDY
State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, Beijing, China

11:15 SUCCESSFUL PERCUTANEOUS MITRAL VALVE REPAIR IN SETTING OF PRIOR ANNULOPLASTY
A. Quddus, S. Olenchock, R. Durkin, C. Sarnoski, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA

11:30 RHEUMATIC MITRAL STENOSIS: WHO NEEDS INTERVENTION?
D.R. Elremisy, M.H. Samaan, R.H. Diab, W.M. Elnaggar, G.S. Sayed
Cairo University, Cairo, Egypt

11:45 DIVERSE LAYOUT OF MULTI-HOLE SECUNDUM ATRIAL SEPTAL DEFECT AND DEVICE OCCLUSION USING DIFFERENT PERATRIAL TECHNIQUES
Shandong Provincial Hospital Affiliated to Shandong University, Jinan, Shandong, P.R. China

12:00 MITRAL VALVE POSTERIOR LEAFLET ANEURYSM RESULTING FROM INFECTIVE ENDOCARDITIS: “A HEART INSIDE THE HEART”
East Tennessee State University, Johnson City, Tennessee, USA

12:15 PULMONARY VEIN STENOSIS TREATED WITH PERCUTANEOUS STENT FOLLOWING SINGLE LUNG TRANSPLANTATION
Cleveland Clinic, Cleveland, OH, USA

12:30 THE ASSOCIATION BETWEEN BICUSPID AORTIC VALVE PHENOTYPE, AORTIC VALVE LESION TYPE AND AORTIC CONFIGURATION
F. Li, Z.P. Huang, X.S. Ren
Peking Union Medical College, Beijing, China

12:45 RHEUMATIC HEART DISEASE IN SICKLE CELL DISEASE IN SUB-SAHARAN AFRICA
A.C. Atanda, Y. Aliyu, O.I. Atanda, A. Babadoko, A. Suleiman, A. Mamman, Z.Y. Aliyu
Howard University Hospital, Washington DC, USA

13:00 DIABETES AND HYPERTENSION ARE INDEPENDENT RISK FACTORS FOR THE PRESENCE OF AORTIC VALVE DISEASE
M.R. Movahed, M. Hashemzadeh, M. Hashemzadeh, University of Arizona, Tucson, AZ, USA
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1. SILENCING OF CSF1R AND CSF1 IN MYELOID CELLS AMELIORATES EXPERIMENTAL AUTOIMMUNE MYOCARDITIS
   University of Heidelberg, Heidelberg, Germany

2. ADIPOCYTE CELL SHEETS REDUCE MACROPHAGE PHENOTYPE 1 CELLS’ INFILTRATION DURING THE REMODELING PROCESS OF XENOGENEIC SCAFFOLDS IN VIVO
   Y. Tong, Q. Wang, F. Fan, G. Fan
   Fuwai Hospital, National Center for Cardiovascular Diseases, Beijing, China

3. SPI-B PLAYS A PROTECTIVE ROLE IN PRESSURE OVERLOAD-INDUCED HEART FAILURE THROUGH ATTENUATION OF CARDIAC INFLAMMATION
   A. Kimura, Y. Ishida, M. Nosaka, I. Sasaki, H. Yamamoto, Y. Kuninaka, T. Kato,
   Y. Fukuda, T. Kaisho, T Kondo
   Wakayama Medical University, Wakayama, Japan

4. HUMAN CARDIOMYOCYTES EXPRESS KLOTHO WHICH DECREASES IN PATIENTS WITH HIGH CARDIOVASCULAR RISK
   G. Corsetti, C. Romano, E. Pasini, H Patel, L Saravolatz, C. Chen-Scarabelli,
   T. Scarabelli, F. Dioguardi
   St. John Hospital and Medical Center, Wayne State University Medical School, Detroit, MI, and Virginia Commonwealth University (VCU) Medical Center. Richmond, Virginia

5. RESTORATION OF AUTOPHAGY ACTIVITY IN HIGH GLUCOSE INDUCED CARDIOMYOCYTE BY MESENCHYMAL STEM CELL THERAPY
   China Medical University, Taichung, Taiwan

6. MICRORNA-210 MEDIATES PKC delta-DEPENDENT UPREGULATION OF JNK TO CAUSE CARDIAC MITOCHONDRIAL DAMAGE AND APOPTOSIS FOLLOWING ADVANCED GLYCATION END-PRODUCTS EXPOSURE
   W.W.K. Kuo, C.Y.H. Huang
   China Medical University, Taichung, Taiwan

7. P21-ACTIVATED KINASE 1 IS NECESSARY FOR AN EFFICIENT AUTOPHAGY
   K. Tin, Y. Huang, S. Kobayashi, Q. Liang
   New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

8. ANTIOXIDANT EFFECT OF ELTACIN IN THERAPY OF PATIENTS WITH ISCHEMIC HEART DISEASE
   E.V. Kalinina, R.M. Zaslavskaya, Y.R. Nartsissov
   RUDN University, Moscow, Russia
SUNDAY, JULY 16, 2017

08:00 – 13:00 Poster Hall

P302 LIPIDS, OBESITY, METABOLIC SYNDROME AND DIABETES

Board No.  Abstract No.
9  RELATION BETWEEN SECONDHAND SMOKE EXPOSURE AND CARDIOVASCULAR RISK FACTORS IN NEVER SMOKERS

T.J. Youn, S.H. Kang, D.G. Park, K.J. Ahn
Seoul National University and Seoul National University Bundang Hospital, Seongnam, Korea

10  NONALCOHOLIC STEATOHEPATITIS DOES NOT INCREASE THE RISK OF ADVERSE CARDIAC OUTCOMES FOLLOWING LIVER TRANSPLANTATION

T. Othman, B. Kim, W.S. Schwartzman, H. Tun, M. Cao, T.L. Fong, H. VanHerle, D.M. Shavelle, A.J. Yoon
Keck Medical Center of the University of Southern California, Los Angeles, CA, USA

11  THE EFFECT OF GINGER SUPPLEMENTATION ON THE LIPID PROFILES, BLOOD GLUCOSE, QUALITY OF LIFE AND FUNCTIONAL CAPACITY IN PATIENTS WITH CORONARY ARTERY DISEASES

S.M.H. Adel, M. Alasvand, S. Alasvand, S. Yazdankhah, H. Babaahmadi-Rezaei, M. Noorizadehe
Ahvaz Jundishapur University of Medical Sciences, Khuzestan, Ahvaz, Iran

12  THE STUDY OF CHANGES OF MOLECULAR BIOMARKERS DURING DEVELOPMENT OF OBESITY USING NUTRIGENOMIC TOOLS

Y.B. Park, E-Y. Kwon, S.Y. Kim, R. Ryu, M-S. Choi
Kyungpook National University, San-Kyuk Dong Puk-Ku, Daegu, South Korea

13  ACUTE EFFECTS OF EXERCISE ON POST-PRANDIAL ACTIVITY OF Dipeptidyl Peptidase-4 In Type 2 Diabetes Mellitus

N.M. Sousa, L.R. Silva, F.C. Barros, M.Z. Fraga, B. Coelho, W.G. Silva Filho, V.G. Barauna
Laboratory of Exercise Physiology, Faculty of Estacio de Sa, Vitoria, ES, Brazil

14  STRICT CONTROL OF DIABETES MELLITUS MAY NOT PREVENT ARTERIOSCLEROSIS

Tokyo University Hospital, Tokyo, Japan

15  CTRP1 INHIBITS HYPERGLYCEMIA IN DIO MODEL

S. Han, Y. Yang, Sookmyung Women's University, Seoul, South Korea

16  AUTONOMIC DYSFUNCTION IN EXTREME OBESITY

E. Zawadzka-Bartczak, Military Institute of Aviation Medicine, Warsaw, Poland

17  CORRELATION OF LIPID PROFILE AND LIPOPROTEIN RATIOS WITH ANGIOGRAPHICALLY SIGNIFICANT CORONARY ARTERY DISEASE: A RETROSPECTIVE DESCRIPTIVE STUDY

F.J. Navarro, R.E. Ramboyong
The Medical City, Pasig City, Philippines
SUNDAY, JULY 16, 2017

08:00 – 13:00  Poster Hall

P303  HEART DISEASE IN WOMEN

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18 DIFFERENTIAL GENDER BASED DIAGNOSTIC TESTING AND PREVALENCE OF CARDIOVASCULAR DISEASE, A COHORT ANALYSIS OF VETERANS ADMINISTRATION REGISTRY DATA
S. Madireddy, **R.R. Arora**
Chicago Medical School at Rosalind Franklin University of Medicine and Science, North Chicago, IL, USA

19 CARDIOVASCULAR RISK PREDICTORS AMONG BLACK AND AFRICAN AMERICAN WOMEN: A PRELIMINARY ANALYSIS OF THE P4 STUDY
Morehouse School of Medicine, Atlanta, Georgia, USA

20 INITIAL EVALUATION OF THE MULTIMORBIDITIES AND THE FEMININE UNIVERSE: TO KNOW TO BETTER CARE
M.R.S. Fonseca, T.P. Terror, G.L. Passos, L.V. Santos, M.S. Carvalho, **A.G.S Galil**
Public University of Juiz de Fora, Juiz de Fora, Minas Gerais, Brasil

P304  ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES

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21 EFFECT OF BASELINE SYMPTOMS OF ANGINA ON CORONARY FRACTIONAL FLOW RESERVE
T.A. Ahmad, I. Gilchrist, **A. Basit**, E.H. Campoverde, S.M. Bokhari, M Kozak
Penn State Milton S. Hershey Medical Center, Hershey, PA, USA
University of British Columbia, Vancouver, BC, Canada

22 PROCEDURAL EFFICACY OF FEMORAL VS RADIAL IN PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS PRESENTING WITH STEMI
**J. Yee**, V. Kumar, S. Li, J. Higgins, J. Stys, A. Pham, P.A. Thompson, M. Petrasko, A. Stys, T. Stys
University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

23 IMPACT OF HYPERURICEMIA ON THE CLINICAL OUTCOME AFTER PERCUTANEOUS CORONARY INTERVENTION FOR IN-STENT RESTENOSIS
Korea University Anam Hospital, Seoul, South Korea

24 SPONTANEOUS CORONARY ARTERY DISSECTION – A RETROSPECTIVE ANALYSIS OF 19676 CORONARY ANGIOGRAMS
**A. Panneerselvan**, D. Basavanna, R. Ananthakrishna, P. Bhat, M.C. Nanjappa
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bengaluru, Karnataka, India

25 SPONTANEOUS CORONARY ARTERY DISSECTION FOLLOWED BY IATROGENIC FEMORAL ARTERY DISSECTION IN A PATIENT WITH EHLERS-DANLOS SYNDROME
Albert Einstein Medical Center, Philadelphia, PA, USA
SUNDAY, JULY 16, 2017

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**P304 ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES (cont.)**

**Board No.**

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<td>26</td>
<td>COULD RELYING TOO MUCH ON RADIAL APPROACH RISK LOOSING THE TRADITIONAL FEMORAL SKILLS?</td>
<td><strong>S. Salem</strong>, R. Khouzam</td>
<td>University of Tennessee Healthy Science Center, Memphis, TN, USA</td>
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<td>27</td>
<td>RADIAL ARTERY OCCLUSION AFTER CARDIAC CATHETERIZATION: SIGNIFICANCE, RISK FACTORS AND MANAGEMENT</td>
<td><strong>M. Nayyar</strong>, <strong>M.R. Heckle</strong>, R. Khouzam, R. Goswami, C. Oliphant, H. Youssef, M. Morsy</td>
<td>UTHSC - Division of Cardiology, University of Tennessee, Memphis TN, USA</td>
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**P305 VALVULAR HEART DISEASE / TRANSCATHETER THERAPY**

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<td>28</td>
<td>IMPROVEMENT OF CARDIAC SYMPATHETIC NERVOUS ACTIVITY AFTER TAVR EVALUATED BY USING 123I-MIBG SPECT</td>
<td><strong>Y. Tokuda</strong>, N. Asakawa, K. Noguchi, K. Kamiya, K. Omote</td>
<td>Hokkaido University Graduate School of Medicine, Japan</td>
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<td>29</td>
<td>TRICUSPID VALVE REPAIR VERSUS REPLACEMENT FOR VERY SEVERE FUNCTIONAL TRICUSPID REGURGITATION</td>
<td><strong>D.H. Kang</strong>, J.Y. Jang, R. Heo, J.M. Song, K.J. Choi, J.H. Zo</td>
<td>Asan Medical Center, Seoul, Korea</td>
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<td>Hokkaido University Graduate School of Medicine, Sapporo, Japan</td>
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<td>Einstein Medical Center, Philadelphia, PA, USA</td>
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