SATURDAY, JULY 30, 2016

09:00 – 10:15 Hall A

OC: OPENING CEREMONY

Chair: Jeffrey S. Borer, USA

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

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

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

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

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

Laurence Sperling, USA
Member, Scientific Executive Committee
Chairman, Section of Preventive Cardiology
International Academy of Cardiology

PRESENTATION OF 2016 AWARDS
Jeffrey S. Borer, USA
John A. Elefteriades, USA
SATURDAY, JULY 30, 2016

09:40 – 10:15 Hall A

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

Chair: N.K. Wenger, Atlanta, GA, USA

09:40 INTRODUCTION
N.K. Wenger, Atlanta, GA, USA

09:45 THE WAR ON HEART FAILURE (Invited Lecture)
E. Braunwald
Brigham and Women’s Hospital, Boston, MA, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:15 Hall A

PL01 Plenary Session
HEART FAILURE: NOVEL APPROACHES FOR DIAGNOSIS AND TREATMENT

Chairs: J.D. Marsh, Little Rock, AR, USA
F.G. Spinale, Columbia, SC, USA

10:45 CLINICAL GENETICS OF DILATED CARDIOMYOPATHY- TESTING WISELY (Invited Lecture)
J.D. Marsh
University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:00 THE CANCER ASSOCIATED FIBROBLAST AND THE HEART FAILURE ASSOCIATED FIBROBLAST- SIMILAR PHENOTYPE, SIMILAR PATHWAYS LEADING TO POTENTIALLY SIMILAR TREATMENT (Invited Lecture)
F.G. Spinale
USC School of Medicine and WJB Dorn VA, Columbia, SC, USA

11:15 REGENERATIVE MEDICINE 2.0 (Invited Lecture)
L.W. Miller
Morgan Heart Institute, Clearwater, FL, USA

11:30 THYROID HORMONE TREATMENT OF HEART FAILURE: IS THERE A THERAPEUTIC WINDOW? (Invited Lecture)
A. Martin Gerdes
New York Institute of Technology-College of Osteopathic Medicine, Old Westbury, NY, USA
SATURDAY, JULY 30, 2016

10:45 – 13:15  Hall A

PL01  Plenary Session
HEART FAILURE: NOVEL APPROACHES FOR DIAGNOSIS AND TREATMENT (cont.)

Abstract No.

11:45  006  ALCOHOL CONSUMPTION AND INCIDENCE OF HEART FAILURE IN MEN WITH CORONARY ARTERY DISEASE  (Invited Lecture)
L. Djousse, J.M. Gaziano
Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

12:00  007  30-DAY ALL-CAUSE HOSPITAL READMISSION IN HEART FAILURE: FINDINGS FROM PROPENSITY SCORE MATCHED STUDIES  (Invited Lecture)
A. Ahmed
The Washington DC VA Medical Center, MD, USA

12:15  008  EFFECTIVENESS OF REMOTE PATIENT MONITORING AFTER DISCHARGE OF HOSPITALIZED PATIENTS WITH HEART FAILURE: THE BETTER EFFECTIVENESS AFTER TRANSITION-HEART FAILURE (BEAT-HF) RANDOMIZED CLINICAL TRIAL  (Invited Lecture)
University of California, Los Angeles, CA, USA

12:30  009  INDUCTION OF ENDOGENOUS T REGULATORY CELLS IS EFFECTIVE IN TREATING HEART FAILURE AND HEART FAILURE-INDUCED LUNG REMODELING  (Invited Lecture)
A. Chen, H. Wang, L. Hou, Y. Chen
University of Minnesota Medical School, Minneapolis, MN, USA

12:45  010  SIRTUINS AS REGULATORS OF MITOCHONDRIAL FITNESS AND EVOLUTION OF HEART FAILURE  (Invited Lecture)
M.P. Gupta
University of Chicago, Chicago, IL, USA

13:00  011  MONTREAL COGNITIVE ASSESSMENT IS SUPERIOR TO STANDARDIZED MINI-MENTAL STATUS EXAM IN DETECTING MILD COGNITIVE IMPAIRMENT IN HEART FAILURE  (Invited Lecture)
K. Alagiakrishnan, D. Mah, J. Dyck, A. Senthilvelan, J. Ezekowitz
University of Alberta, Edmonton, Alberta, Canada

13:15  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 30, 2016

10:45 – 13:00 Hall B

PL02 Plenary Session
ADVANCES IN CARDIOVASCULAR IMAGING THAT WILL IMPACT PATIENT CARE

Chairs:  
D.S. Berman, Los Angeles, CA USA  
J.J. Mahmarian, Houston, TX, USA

Abstract No.

10:45 OPTIMIZING EVALUATION OF PATIENTS WITH LOW TO INTERMEDIATE RISK ACUTE CHEST PAIN: WHAT IS THE RELATIVE VALUES OF STRESS MYOCARDIAL PERFUSION IMAGING WHEN INCORPORATING STRESS-ONLY IMAGING VERSUS CARDIAC COMPUTED TOMOGRAPHY (Invited Lecture)
J.J. Mahmarian
Houston Methodist DeBakey Cardiology Associates, Houston, TX, USA

11:00 PET AND CT ASSESSMENT OF CORONARY FLOW PHYSIOLOGY (Invited Lecture)
D.S. Berman, M. Motlagh, D. Dey, J.D. Friedman, S.W. Hayes, L.E.J. Thomson, L. Shaw, B.K. Tamarappoo, G. Germano, P. Slomka
Cedars-Sinai, Los Angeles, California USA

11:15 NOVEL METHODS OF ISCHEMIA EVALUATION BY COMPUTED TOMOGRAPHY (Invited Lecture)
J.K. Min
Weill Cornell Medicine, Dalio Institute of Cardiovascular Imaging, New York, NY, USA

11:30 ECHOCARDIOGRAPHIC ASSESSMENT OF LEFT VENTRICULAR DIASTOLIC FUNCTION: AN UPDATE (Invited Lecture)
S.F. Nagueh Armanious
Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

11:45 SELECTING BETWEEN CORONARY CTA VERSUS FUNCTIONAL TESTING: DOES IT MAKE A DIFFERENCE? (Invited Lecture)
R. Blankstein
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

12:00 LOOKING INTO HIGH-RISK PLAQUE AND DES BIOLOGY: HIGH-SPEED INTEGRATED OCT-NIRF (Invited Lecture)
J.W. Kim, Korea University Guro Hospital, Seoul, South Korea

12:15 PET/CT-DETERMINED PERFUSION AND CORONARY FLOW IN CLINICAL ROUTINE (Invited Lecture)
T.H. Schindler, Johns Hopkins University, Baltimore, MD, USA

12:30 ROLE OF CAC TESTING IN 2016: SHARED DECISION MAKING FOR INFORMED CHOICES (Invited Lecture)
K. Nasir, Baptist Health South Florida, Miami, FL, USA

12:45 COMPUTED TOMOGRAPHY ANGIOGRAPHY VS. CORONARY ANGIOGRAPHY: A 3D VESSEL FEATURE COMPARISON AND VALIDATION (Invited Lecture)
J.A. Garcia, Orlando Health, Orlando, FL, USA

13:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
**PL03**  **Plenary Session**  **CELLULAR AND MOLECULAR MECHANISMS OF CARDIOVASCULAR DISEASES: FROM BASIC RESEARCH TO TRANSLATIONAL MEDICINE**

Chairs:  
**K. Maiese**, Newark, NJ, USA  
**K.N. Pandey**, New Orleans, LA, USA

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<th>Speaker(s)</th>
<th>Institution(s)</th>
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| 10:45  | TRANSLATING VASCULAR BIOLOGY INTO CLINICAL CARE FOR CARDIOLOGY       | **K. Maiese**  
Rutgers University of Medicine & Dentistry of New Jersey, Newark, NJ, USA                                                  |
| 11:00  | GENETIC BASIS OF CARDIAC DYSFUNCTION: PROTECTIVE ROLE OF ALL-TRANS RETINOIC ACID AND HISTONE DEACETYLASE INHIBITOR | **K.N. Pandey**, U. Subramanian, P. Kumar, I. Mani, I. Kessler, R. Raghavaraju  
Tulane University Health Sciences Center, New Orleans, LA, USA                |
| 11:15  | FINDING NOVEL ANTI-FIBROTIC THERAPIES USING A DUAL-REPORTER MOUSE THAT TRACKS FIBROBLAST CELL TRANSITIONS IN VIVO AND IV VITRO | **C.S. Long**, V. Martinelli, S. Zacchigna  
University of Colorado, Denver, CO, USA                                       |
| 11:30  | INCREASED M2 MACROPHAGES REDUCES PRO-INFLAMMATORY CYTOKINES IN ATHEROSCLEROSIS | **D.K. Singla**  
University of Central Florida, Orlando, FL, USA                           |
| 11:45  | EXTRACELLULAR MATRIX TURNOVER IN VASCULAR CALCIFICATION               | **W. Kong**  
Peking University Health Science Center, Beijing, China                                                                |
| 12:00  | PLAQUE LYMPHANGIOGENESIS: TO DRAIN OR NOT TO DRAIN                    | **M. Kietasidorn**, T. Rademakers, M. Manca, E. van der Vorst, K. Alitalo, J. Sluimer, A. Noel, **E. Biessen**  
Maastricht University, Maastricht, Netherlands                                |
Boston Children's Hospital, Harvard Medical School, Boston, MA, USA           |
| 12:30  | SHORT AND LONG NON-CODING RNAs AS BIOMARKERS OF ACUTE CARDIAC CONDITIONS | **Y. Devaux**  
Luxembourg Institute of Health, Luxembourg                                   |
SATURDAY, JULY 30, 2016

10:45 – 13:30 Hall C

**PL03 Plenary Session**

**CELLULAR AND MOLECULAR MECHANISMS OF CARDIOVASCULAR DISEASES: FROM BASIC RESEARCH TO TRANSLATIONAL MEDICINE (cont.)**

Abstract No.

12:45 TARGETING THE HEART UTILIZING A NOVEL CELL PENETRATING PEPTIDE (Invited Lecture)

**M. Zahid**
University of Pittsburgh, Pittsburgh, PA, USA

13:00 DECIPHERING THE ROLE OF MITOPHAGY IN THE HEART DURING FASTING (Invited Lecture)

**Q. Liang**
New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

13:15 DOES CYSTATIN SN INFLUENCE ON CYSTATIN C LEVEL IN ISCHEMIA AND PREVIOUS MYOCARDIAL INFARCTION? (Invited Lecture)

N.V. Goncharova, G.S. Russkikh, M.M. Gevorgyan, N.P. Voronina, Ts.P Korolenko, N.A. Kikhtenko, **T.A. Korolenko**
Institute Physiol. Fund. Med., Novosibirsk, Russia

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 12:45 Hall D

**S21 INTERVENTIONAL CARDIOLOGY**

Chairs: **J. Golledge**, Townsville, Queensland, Australia

**B.F. Uretsky**, Little Rock, AR, USA

Abstract No.

10:45 CLINICAL DECISION-MAKING USING FRACTIONAL FLOW RESERVE IN ACUTE CORONARY SYNDROMES (Invited Lecture)

**B.F. Uretsky**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:00 EXPEDITIOUS REPERFUSION IN NON-ST SEGMENT ELEVATION MYOCARDIAL INFARCTION: A SINGLE CENTER TEN YEAR EXPERIENCE

Aurora Health Care, Milwaukee, WI, USA

11:15 EARLY ANTIPLATELET THERAPY UPGRADE IN STEMI PATIENTS TREATED WITH PRIMARY PCI

**A. Lupi**, M. Lazzero, A. Rognoni, C. Cavallino, A.S. Bongo
AOU Maggiore della Carita’, Novara, Italy
SATURDAY, JULY 30, 2016

10:45 – 12:45 Hall D

S21 INTERVENTIONAL CARDIOLOGY (cont.)

11:30 BIODEGRADABLE POLYMER DRUG ELUTING STENT: EFFICACY AND SAFETY WITH SHORT REGIMEN OF ANTIPLATELET THERAPY
Hospital Costa del Sol, Marbella, Spain

11:45 SYSTEMATIC REVIEW OF THE UTILITY OF THROMBUS ASPIRATION IN PATIENTS WITH STEMI UNDERGOING PRIMARY PCI
NY Methodist Hospital, Brooklyn, NY, USA

12:00 DOES AN UPRIGHT T WAVE IN LEAD V1 PREDICT SIGNIFICANT CORONARY ARTERY DISEASE?
I. Suen, N. Sablani, M. Iskandir, B. Simmons, S. Talebi, R. Chirurgi, G. Fernaine, G.W. Hassen
St. George’s University School of Medicine, Grenada, West Indies

12:15 DUAL ANTIPLATELET THERAPY AFTER CORONARY ARTERY BYPASS GRAFTING IN THE SETTING OF ACUTE CORONARY SYNDROME
M. Agarwal, R. Bomb, C.S. Oliphant, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

12:30 ST ELEVATED MYOCARDIAL INFARCTION AS AN EPIPHENOMENON OF NON CARDIOVASCULAR DISEASE
J.M. Telayna, J.M. Telayna (h), R.A. Costantini
Hospital Universitario Austral, Buenos Aires, Argentina

12:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 30, 2016
08:00 – 13:00 
Poster Hall

**P101 GENETICS OF CARDIOVASCULAR DISEASES**

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1. **BETA3-ADRENOCEPTOR GENE EXPRESSION IN RAT ADIPOSE TISSUE IN RESPONSE TO REPEATED IMMUNE CHALLENGE**
   A. Csanova, M. Pokusa, D. Jezova
   Biomedical Research Center Slovak Academy of Sciences, Bratislava, Slovak Republic

2. **VALIDATED GENETIC BIOMARKERS FOR PREDICTION OF INDIVIDUAL RISK OF MYOCARDIAL INFARCTION IN RUSSIANS**
   Russian Cardiology Scientific and Production Center, Moscow, Russia

**P102 PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATEROTHROMBOTIC DISEASE**

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3. **ACUTE EFFECTS OF AIR POLLUTION ON CARDIOVASCULAR DISEASE**
   S-W Yang, H-R Guo
   National Cheng Kung University, Tainan, Taiwan

4. **RELATIONSHIP BETWEEN FAMILY HISTORY OF CARDIOVASCULAR DISEASE ON CORONARY CALCIUM SCORE**
   S. Saberian, S. Banga, S. Mungee, K. Wattanakit
   OSF St. Francis Medical Center, University of Illinois College of Medicine at Peoria, IL, USA

5. **EPIDEMIOLOGY OF LOW-DOSE ASPIRIN USE FOR PRIMARY AND SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE**
   M.E. Stuntz
   Deerfield Institute, New York, NY, USA

6. **DEVELOPMENT OF A HEALTH PROMOTION MODEL GUIDED LIFESTYLE INTERVENTION PROGRAM FOR ADULTS WITH METABOLIC SYNDROME**
   Q. Wang, S.Y. Chair, E.M.L. Wong
   The Nethersole School of Nursing, Faculty of Medicine, The Chinese University of Hong Kong

7. **KNOWLEDGE OF HEART DISEASE IN FEMALE AND MALE COLLEGE STUDENTS**
   M. Granieri, C. Bavishi, A. Koulova, J.P. Cordova, J. Tamis-Holland
   Mt. Sinai St. Luke’s Hospital, New York, NY, USA

8. **PATTERNS OF REFERRAL AND IMMEDIATE CLINICAL IMPACT OF CORONARY ARTERY CALCIUM SCORING**
   A. Quddus, A. Smith, M. Mclane, S. Agrawal, A. Sinha, D. Prutzman, J. Shirani, F. Burt
   St. Luke’s University Health Network, Bethlehem, PA, USA
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<td>THE B12/CRP INDEX AS A SIMPLE INDICATOR OF CORONARY ARTERY DISEASE IN AN ADULT POPULATION</td>
<td>G.D. Spyromitros, I.D. Lagos, E.S. Papadopoulou, G.H. Katerini</td>
<td>Cardiology Department, Katerini, Greece</td>
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<td>PREDICTORS OF CHILDHOOD OBESITY AND ADULTHOOD BLOOD PRESSURE LEVELS</td>
<td>S. Singh, J. Kaur, K.K. Thumburu, P. Niemenen, A. Chauhan, N. Jaiswal,</td>
<td>Advanced Pediatric Centre, PGIMER, Chandigarh, India</td>
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<td>GROUPING OF PATIENTS ON RELATION TO HOSPITAL READMISSION BY ACUTE HEART FAILURE</td>
<td>J.M. Quintana, A. Anton-Ladislao, S. Garcia-Gutierrez, I. Lafuente,</td>
<td>Unidad de Investigacion, Hospital Galdakao-Usansolo, Galdakao, Bizkaia, Spain</td>
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<td>A PREDICTIVE MODEL OF 30 DAYS DEATH IN ADMITTED PATIENTS BY ACUTE HEART FAILURE</td>
<td>J.M. Quintana, A. Anton, S. Garcia, I. Lafuente, M.J. Morillas, E. Hernandez, I. Rilo, N. Murga, R. Quiros</td>
<td>Unidad de Investigacion, Hospital Galdakao-Usansolo, Spain</td>
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<td>CONGESTIVE HEART FAILURE CLINICS: HOW TO MAKE THEM WORK IN A COMMUNITY-BASED HOSPITAL SYSTEM</td>
<td>M. Kabach, O. Kreidieh, J. Larned, L. Tamariz, K. Raimondo</td>
<td>University of Miami Miller School of Medicine, Miami, Florida, USA</td>
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<td>EVALUATION OF IN-PATIENT CLINICAL OUTCOMES OF GUIDELINE-BASED THERAPY FOR ACUTE HEART FAILURE</td>
<td>K.G. Castillo, R.E. Ramboyong</td>
<td>The Medical City, Pasig, Philippines</td>
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## P104 PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

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<td>TILT TABLE TESTING TO DIAGNOSE PSEUDOSYNCOPE IN THE PEDIATRIC POPULATION</td>
<td>J.A. Robinson, J.K. Shivapour, C.S. Snyder</td>
<td>The Congenital Heart Collaborative, Rainbow Babies and Children's Hospital, Case Western Reserve University School of Medicine, Cleveland, OH, USA</td>
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<td>FIVE HEART CHAMBERS AT 60 YEARS: A RARE PRESENTATION OF COR TRIATRIUM SINISTRUM</td>
<td>A.S. Saggu, A.S. Rajabalan, S.V. Patel, P. Patel, T. Singh</td>
<td>Western Reserve Health Education/NEOMED, Youngstown, OH, USA</td>
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<td>LATE COMPLICATIONS OF D-TRANSPOSITION OF THE GREAT ARTERIES S/P MUSTARD PROCEDURE</td>
<td>K.S. Patel, K. Ramasubbu, B. Subedi</td>
<td>New York Methodist Hospital, NY, USA</td>
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<td>HEALTHY CAREGIVERS-HEALTHY CHILDREN: A PRIMARY PREVENTION PROGRAM WITH PRESCHOOL CHILDREN</td>
<td>R.N. Natale, S.E. Messiah, C. Chang, K. Sardinas, J. Fitzgibbons, S. Peraza</td>
<td>University of Miami School of Medicine, Mailman Center for Child Development, Miami, FL, USA</td>
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## P105 CARDIOVASCULAR QUALITY IMPROVEMENT AND OUTCOME

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<td>APPROPRIATENESS OF AERO MEDICAL TRANSPORT FOR CARDIAC EMERGENCIES</td>
<td>A. Aggarwal, J. Heslop, S. Banga, S. Mungee, K. Kalvakuri</td>
<td>University of Illinois College of Medicine at Peoria, Illinois; OSF Saint Francis Medical Center, Peoria, Illinois, USA</td>
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<tr>
<td>20</td>
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<td>DECREASED DUPLICATE TESTING WITH ELECTRONIC MEDICAL RECORDS. A STUDY OF 7,400 NUCLEAR MEDICINE STRESS TESTS</td>
<td>A. Avezbadalov, F. Mushtaq, P. Hardigan, J.J. Rozanski, M.A. Chizner</td>
<td>The Heart Center of Excellence, NOVA University, Fort Lauderdale, FL, USA</td>
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<td>22</td>
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<td>CHANGES IN MANAGEMENT OF STEMI WITH MULTIVESSEL DISEASE IN A CARDIAC CATHETERIZATION LAB</td>
<td>J.B. Halevy, P.B. Gogo</td>
<td>The University of Vermont Medical Center, Burlington, VT, USA</td>
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CLINICAL CHARACTERISTICS, HOSPITAL MANAGEMENT PRACTICES, AND IN-HOSPITAL OUTCOMES OF PATIENTS HOSPITALIZED WITH TYPE 1 AND TYPE 2 MYOCARDIAL INFARCTION: THE WORCESTER HEART ATTACK STUDY

J. Yarzebski; M. Tisminetzky, E. Granillo; R. Charan, R.P. Makam; D.D. McManus; D. Lessard; J.M. Gore; R. Goldberg

University of Massachusetts Medical School, Worcester, MA, USA
SATURDAY, JULY 30, 2016

14:00 – 16:45 Hall A

**PL04 Plenary Session**
LIPIDS, OBESITY, METABOLIC SYNDROME AND DIABETES
*Joint Session with the American Society for Preventive Cardiology*

Chairs: **N.S. Dhalla**, Winnipeg, MB, Canada  
**N.K. Wenger**, Atlanta, GA, USA

**Abstract No.**

14:00 PATHOGENESIS AND THERAPY OF DIABETIC CARDIOMYOPATHY 065
*(Invited Lecture)*
**N.S. Dhalla**
St. Boniface Hospital Albrechtsen Research Centre, University of Manitoba, Winnipeg, MB, Canada

14:15 SEX DIFFERENCES IN THE CARDIOVASCULAR CONSEQUENCES OF DIABETES MELLITUS 066
*(Invited Lecture)*
**N.K. Wenger**
Emory University School of Medicine, Atlanta, GA, USA

14:30 STATINS IN THE TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASES: CURRENT AND EMERGING CLINICAL AND PUBLIC HEALTH CHALLENGES 067
*(Invited Lecture)*
**C.H. Hennekens, E.H. Lieberman; M.H. Rubenstein; P.R. Hebert; D.L. DeMets; M.A. Pfeffer**
Florida Atlantic University, Boca Raton, FL, USA

14:45 STATIN INTOLERANCE - NOVEL BIOMARKERS, MECHANISMS, DEFINITION, AND EFFECTIVE MANAGEMENT. A WAY TO IMPROVE THERAPY ADHERENCE AND AVOID STATIN DISCONTINUATION? 068
*(Invited Lecture)*
**M. Banach**
Medical University of Lodz, Poland

15:00 EVOLUTION OF PCSK9 MAB THERAPY FOR DYSLIPIDEMIA 069
*(Invited Lecture)*
**N.D. Wong**
University of California, Irvine, CA, USA

15:15 THE HIGHLY DIFFICULT LIPOPROTEIN: CONTROVERSIES AND NEW DIRECTIONS 070
*(Invited Lecture)*
**R.S. Rosenson**, Icahn School of Medicine at Mount Sinai, New York, NY, USA

15:30 COMPREHENSIVE CARDIOVASCULAR RISK REDUCTION IN THE METABOLIC SYNDROME AND DIABETES 071
*(Invited Lecture)*
**L.S. Sperling**, Emory University School of Medicine, Atlanta, USA

15:45 PDE5 INHIBITION IN PROTECTION OF DIABETIC HEART 072
*(Invited Lecture)*
**R.C. Kukreja**, S.S. Koka, L. Xi, A. Varma, F.N. Salloum, E.J. Lesnefsky, A. Das Virginia Commonwealth University Richmond, VA, USA

16:00 INITIAL STAGES OF OBESITY ARE ASSOCIATED WITH INCREASED CARDIOVASCULAR ACTIVATION UNDER STRESS 073
*(Invited Lecture)*
**D. Jezova**, B. Prokopova, N. Hlavacova
Slovak Academy of Sciences, Bratislava, Slovakia
16:15 METFORMIN ENHANCES T0901317-REDUCED ATHEROSCLEROSIS AND INHIBITS T0901317-INDUCED HYPERTRIGLYCERIDEMIA--A NEW STRATEGY FOR ATHEROSCLEROSIS TREATMENT (Invited Lecture)
C. Ma, W. Zhang, Y. Duan, Y. Chen, J. Han
Nankai University, Tianjin, China

16:30 MACROPHAGE DEPOSITION OF CHOLESTEROL INTO THE EXTRACELLULAR MATRIX -- A PATHWAY FOR REVERSE CHOLESTEROL TRANSPORT (Invited Lecture)
National Institutes of Health, Bethesda, Maryland, USA

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 30, 2016

14:00 – 16:00  Hall B

PL05  Plenary Session
ELECTROPHYSIOLOGY: SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY

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

Abstract No.

14:00  IMPROVEMENT IN CLINICAL OUTCOMES WITH BIVENTRICULAR VERSUS RIGHT VENTRICULAR PACING IN THE BLOCK HF STUDY  (Invited Lecture)
A.B. Curtis, S.J. Worley, E.S. Chung, P. Li, S.A. Christman, M. St. John Sutton
University at Buffalo, Buffalo, NY, USA  076

14:15  PREVENTION OF SUDDEN CARDIAC DEATH: CHALLENGES AND OPPORTUNITIES  (Invited Lecture)
M.E. Cain
University at Buffalo, Buffalo, NY, USA  077

14:30  RISK STRATIFICATION AND THERAPY OF ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY  (Invited Lecture)
D. Corrado, University of Padova, Italy  078

14:45  RAISING ION CHANNEL CURRENTS TO PREVENT ARRHYTHMIAS  (Invited Lecture)
C. Rutledge, M. Liu, H. Liu, E.M Jeong, A. Xie, I. Efimov, S.C. Dudley
Lifespan Cardiovascular Institute, Providence, Brown University, Providence, RI, Providence, USA  079

15:00  INNOVATIVE P-WAVE DETECTION FOR DISCRIMINATION BETWEEN VENTRICULAR AND SUPRAVENTRICULAR TACHYCARDIA IN SINGLE-CHAMBER ICDS: IS THE P-WAVE INVISIBLE DURING TACHYCARDIA?  (Invited Lecture)
H. Paydak, UAMS, Little Rock, AR, USA  080

J.R. Gimbel
Case Western Reserve University, Cleveland, OH, USA  081

15:30  RISK STRATIFICATION IN BRUGADA SYNDROME: ICD INDICATION IN PATIENTS WITHOUT HISTORY OF CARDIAC ARREST  (Invited Lecture)
M. Takagi
Osaka City Graduate School of Medicine, Osaka, Japan  082

15:45  THE CHANGING PARADIGM OF ATHLETIC PARTICIPATION IN LONG QT SYNDROME  (Invited Lecture)
M.J. LaPage
University of Michigan, Ann Arbor, MI, USA  083

16:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
NEW DIRECTIONS IN CARDIOVASCULAR SURGERY: HEART VALVE SURGERY / CORONARY REvascularization / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION

Chairs: **F.A. Arabia**, Los Angeles, CA, USA  
**S.H. Rahimtoola**, Los Angeles, CA, USA

**14:00**  
VALVE PROSTHESIS-PATIENT MISMATCH (VP-PM): A LONG-TERM PERSPECTIVE (Invited Lecture)  
D. Daneshvar, **S.H. Rahimtoola**  
University of Southern California, Los Angeles, CA, USA

**14:15**  
TRANSCATHETER AORTIC VALVE IMPLANTATION SHORTENS THE QTC INTERVAL IN PATIENTS WITH SEVERE AORTIC VALVE STENOSIS  
Lankenau Medical Center, Wynnewood, PA, USA

**14:30**  
CHANGING PATHOLOGY OF THE AORTA: FROM ACUTE TO CHRONIC DISSECTION  
Aortic Institute at Yale-New Haven Hospital, Yale University School of Medicine, New Haven, CT, USA

**14:45**  
OUTCOMES IN NONAGENARIANS UNDERGOING TRANSAORTIC VALVE REPLACEMENT IN A SINGLE CARDIOVASCULAR CENTER  
**J.E. Pino**, O.I. Kreidieh, M. Miller, J. Choi, L.S. Lovitz, M.E. Nores, R. Chait  
University of Miami, Palm Beach Regional Campus, Atlantis, FL, USA

**15:00**  
CONTEMPORARY UTILIZATION AND GENDER-RACIAL DISPARITIES IN CORONARY ARTERY BYPASS SURGERY IN THE UNITED STATES: ANALYSIS OF 2 MILLION PATIENTS  
S.V. Patel, **A. Rajabalani**, P. Patel, A. Saggu, M. Patel, T. Singh  
Western Reserve Health Education/NEOMED, Youngstown, OH, USA

**15:15**  
ISCHEMIC PATIENTS UNDERGOING CARDIAC SURGERY HAVE SIGNIFICANT MITOCHONDRIAL COMPLEX I DYSFUNCTION  
**D. Schipper**, C. O’Hare, R. Palma, D. Dicken, T. Kazui, Z. Kralpey  
University of Arizona College of Medicine, Department of Surgery, Tucson, AZ, USA

**15:30**  
The Use of Extracorporeal Membrane Oxygenation for Cardiac Indications: A Tertiary Center Experience  
**M. Rivera**, R. Mendirichaga, S. Chaparro, M. Murman, V. Singh, R.N. Cardoso, G. Fernandes, M. Pardinas, S. Dickens, S. Krick  
University of Miami Leonard M. Miller School of Medicine, Miami, USA

**15:45**  
Recurrent Pericardial Effusion in a Heart Transplant Recipient Managed With a PleurX Catheter  
**B. Louka**, E. Kransdorf, E. Yang, L. Lanza, O. Pajaro  
Mayo Clinic, Arizona, USA
SATURDAY, JULY 30, 2016

14:00 – 16:45 Hall C

S22 NEW DIRECTIONS IN CARDIOVASCULAR SURGERY: HEART VALVE SURGERY / CORONARY REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION (cont.)

Abstract No.

16:00 TRENDS IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR) CHARACTERISTICS AND OUTCOMES: A SINGLE CENTER EXPERIENCE
University of Minnesota Medical Center, MN, USA

16:15 MARKERS OF IMPROVEMENT AFTER ECMO IMPLANTATION
A. Rifai, T. Yousuf, A. Tatooles, W. Cotts, G. Bhat
Advocate Christ Medical Center, Chicago, IL, USA

16:30 CORRELATION OF DEMOGRAPHIC PROFILE AND CLINICAL RISK FACTORS WITH SYNTAX SCORE TO PREDICT SEVERITY OF CAD IN PATIENTS UNDERGOING CABG
S.P. Shashidharan, S. Banga, S. Mungee, E. Mukhopadhyay
OSF St. Francis Medical Center, University of Illinois College of Medicine at Peoria, IL, USA

16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
**S23 CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE**

**Chairs:**  
G. Barsness, Rochester, MN, USA  
T. Tomaru, Toho, Japan

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<td>LASER STIMULATED STEM CELLS TREATMENT POST-MYOCARDIAL INFARCTION IN HUMANS: SAFETY AND FEASIBILITY STUDY</td>
<td>A. Blatt, G. Elbaz-Greener, O. Tzuman, M. Leitman, Z. Vered, U. Oron Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel</td>
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<td>14:15</td>
<td>NEW IDEAS ON HYPERTENSION TREATMENT (Invited Lecture)</td>
<td>C. Rosendorff, Icahn School of Medicine at Mount Sinai, New York, NY, USA</td>
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<td>14:30</td>
<td>SAFETY OF THE ASSOCIATION OF RANOLAZINE AND IVABRADINE FOR ANTIANGINAL TREATMENT IN STABLE CORONARY ARTERY DISEASE</td>
<td>A. Lupi, A. Schaffer, F. Mirabelli, A. Rognoni, A.S. Bongo AOU Maggiore della Carita’, 2nd Cardiology Division, Italy</td>
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<td>14:45</td>
<td>LEFT VENTRICULAR FUNCTION ON LV ANGIOGRAPHY – A PREDICTOR FOR EARLY DISCHARGE IN PATIENTS WITH STEMI POST-PCI</td>
<td>S. Banga, K. Narala, K. Kalvakuri, J N. Patel, S. Mungee University of Illinois College of Medicine at Peoria; OSF Saint Francis Medical Center, Peoria, Illinois, USA</td>
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<td>15:00</td>
<td>BETA 2 GLYCOPROTEIN I PEPTIDE PROTECTS FROM CARDIAC ISCHEMIA REPERFUSION INJURY IN MICE</td>
<td>G. Chen, J.C. Weaver, P. Zhang, J. Beretov, A. Tatsuya, M. Qi, R. Bhindi, J.C. Qi, M.C. Madigan, B. Giannakopoulos, S.A. Krilis St George Hospital, Sydney, Australia</td>
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<td>15:15</td>
<td>ASSOCIATION BETWEEN CANCER AND CORONARY HEART DISEASE – NHANES 2011-2012</td>
<td>P. Agasthi, D. Adedunsewo, A. Chaudhry, K. Sivakumar, A. Onwuanyi Morehouse School of Medicine, Atlanta, GA, USA</td>
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<td>15:30</td>
<td>PREVALENCE OF ABDOMINAL AORTIC ANEURYSM IN VETERANS WITH MULTIVESSEL CORONARY ARTERY DISEASE</td>
<td>M. Dameron, R. Chana, A. Parashar, Veterans Affairs Medical Center Salem VA, USA</td>
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<td>15:45</td>
<td>RE-EVALUATING THE ROLE OF HEART SCORE IN CHEST PAIN ADMISSIONS</td>
<td>H.A. Lodhi, H. Shafiq, S. Jampana, M. Waqas, F. Hassan, A. Shafiq Baptist Desoto Hospital, Southaven, MS; USA</td>
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<td>16:00</td>
<td>THE OBESITY PARADOX ALSO OCCURS AMONG HISPANIC PUERTO RICAN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROMES</td>
<td>E.J. Reyes-Aponte, A. Lopez-Candales, O. García-Rodríguez, M. Irizarry, M. López, E. García University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico, USA</td>
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<td>16:15</td>
<td>ELEVATED TROPONINS IN A PATIENT WITHOUT MYOCARDIAL INJURY: AN INTERESTING CASE WITH MURAL THROMBUS IN THORACIC AORTA</td>
<td>A. Rajabalan, B. Bat, T. Bat, A. Elmograbhy, T. Jose, S. Patel, S. Lutton, A. Bhatti, Western Reserve Health Education/NEOMED, Youngstown, OH, USA</td>
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<td>16:30</td>
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SATURDAY, JULY 30, 2016

16:45 – 19:00 Hall B

PL06 Plenary Session

NEW CONCEPTS IN THE PATHOGENESIS AND TREATMENT OF CORONARY ARTERY DISEASE

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

16:45 WHAT HAPPENS TO THE BRAIN AFTER MYOCARDIAL INFARCTION? (Invited Lecture)
J.L. Mehta, X. Wang
University of Arkansas for Medical Sciences and VA Medical Center,
Little Rock, AR, USA

17:00 CpG DNA REGULATION OF COAGULATION: IMPLICATIONS FOR ACUTE CORONARY ARTERY DISEASE (Invited Lecture)
J.G. Filep
University of Montreal, Montreal, Quebec, Canada

17:15 TICAGRELOR AND STATIN HAVE SYNERGISTIC EFFECTS ON MYOCARDIAL PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY (Invited Lecture)
Y. Ye, S. Nylander, Y. Birnbaum
Baylor College of Medicine, Houston, TX, USA

17:30 ROLE OF MICROPARTICLES IN CARDIOVASCULAR CALCIFICATION (Invited Lecture)
J.D. Hutcheson, E. Aikawa
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

17:45 INTRAMYOCARDIAL HEMORRHAGE AFTER ACUTE MYOCARDIAL INFARCTION; PATHOGENESIS AND CLINICAL IMPLICATIONS (Invited Lecture)
N. van Royen
VU University Medical Center, Amsterdam, The Netherlands

18:00 DIFFERENCES IN META-ANALYSES RESULTS IN CARDIAC CELL-BASED REGENERATIVE THERAPIES (Invited Lecture)
M. Gyöngyösi, Medical University of Vienna, Vienna, Austria

18:15 EVOLVING CELLULAR THERAPY IN CARDIOVASCULAR AND PERIPHERAL VASCULAR DISEASES (Invited Lecture)
University of South Florida, Tampa Florida, USA

18:30 ROLE OF CD4+ T-CELLS AFTER MYOCARDIAL INFARCTION (Invited Lecture)
U. Hofmann, University Clinic Halle(Saale), Germany

18:45 RISK FACTORS FOR NON-PLATELET THROMBOXANE GENERATION (Invited Lecture)
J.J. Rade, N. Kakouros, S.M. Nazarian, P.B. Stadler, T.J. Kickler
University of Massachusetts Medical School, Worcester, MA, USA
SATURDAY, JULY 30, 2016

16:45 – 18:30 Hall C

S24 ARRHYTHMIA I: DIAGNOSIS, DRUG THERAPY, ABLATION

Chair: D. Corrado, Padova, Italy
M. LaPage, Ann Arbor, MI, USA

16:45 INCIDENCE OF VENTRICULAR ARRHYTHMIAS IN CYSTIC FIBROSIS PATIENTS TREATED WITH CHRONIC AZITHROMYCIN THERAPY AND OTHER QT PROLONGING DRUGS
A.K. Tripathi, M. Mohammed, L. Fitzpatrick, M. Bromstedt, D. Lakkireddy, D. Polineni
Kansas University Medical Center, Kansas City, KS, USA

17:00 CATHETER ABLATION RELATED CORONARY OCCLUSION AND TAMPONADE - A DOUBLE HIT
University of Arkansas for Medical Sciences, Little Rock, AR; USA

17:15 DISTRIBUTION OF ADRENERGIC AND CHOLINERGIC NERVE FIBERS WITHIN INTRINSIC NERVES AT THE LEVEL OF THE HUMAN HEART HILUM
V. Petraitiene, D.H. Pauza, R. Benetis
Medical Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania

17:30 COMPARING R2CHADS2 AND CHA2DS2VASC SCORES IN STROKE PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION AND RENAL FAILURE
M.R. Vindhyal, S.R. Vindhyal, T. Haneke, P. Ndunda, F. Eid, J.K. Kallail
KUSM - Wichita, Wichita, Kansas, USA

17:45 LEFT ATRIAL DYSYNSCHRONY AS A PREDICTOR OF POSTOPERATIVE ATRIAL FIBRILLATION IN CANCER PATIENTS
The University of Texas MD Anderson Cancer Center, Houston, TX, USA

18:00 DOES OBESITY IMPACT THE RECURRENCE OF ATRIAL FIBRILLATION AFTER CRYOABLATION USING THE ARCTIC FRONT ADVANCE CATHETER?
A. Avezbadalov, S. Pollack, A.F. Osman
The Heart Center of Excellence, NOVA Southeastern University, Fort Lauderdale, FL, USA

18:15 SHORT PR: IT IS NOT ALWAYS WOLFF-PARKINSON-WHITE SYNDROME
P. Christia, I. Katsa, J. Miles, R. Faillace
Albert Einstein College of Medicine Jacobi Medical Center, Bronx, NY, USA
S25  PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY, CONGENITAL HEART DISEASE

Chairs:  A. Lorber, Haifa, Israel  
         C.S. Snyder, Cleveland OH, USA

Abstract No.

16:45  VALIDATION OF AN EARLY WARNING SCORE FOR IDENTIFYING HOSPITALIZED CHILDREN AT RISK FOR CLINICAL DETERIORATION
       M.C. McLellan; K. Gauvreau; J.A. Connor
       Boston Children’s Hospital, Boston, MA, USA

17:00  MATERNAL EXPOSURE TO DI(2-ETHYHEXYL)PHTHALATE IMPACTS FETAL CARDIAC DEVELOPMENT
       C. Wang, Y.F. Li, Y.F. Zhang, K.Y. Zhou, Y.M. Hua
       West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China

17:15  CONGENITAL HEART DISEASE IN INDIA
       R. Bhardwaj, A. Kumar, D. Agrawal, B. Mohapatra
       Dept. of Zoology, Institute of Science, BHU, Varanasi, India

17:30  CLINICAL RESEARCH ON FETAL BRADYCARDIA
       K.Y. Zhou, C. Wang, Y.F. Li, Y.M. Hua
       West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China

17:45  COGNITIVE REQUIREMENTS FOR AUTOMATIC EXTERNAL DEFIBRILLATOR USE: ARE WE STARTING TOO YOUNG?
       C.S. Snyder, H. Hall
       The Congenital Heart Collaborative, Case Western Reserve University, Cleveland OH, USA

18:00  ASSOCIATIONS BETWEEN ABCB1 AND ABCG2 GENE POLYMORPHISMS OF CHILDREN AND ISOLATED SEPTAL DEFECTS IN A HAN CHINESE POPULATION
       C. Wang, K.Y. Zhou, Y.F. Li, Y. Zhang, Y.M. Hua
       West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China

18:15  CORRELATION BETWEEN ECG ABNORMALITIES AND MARIJUANA USE IN THE PEDIATRIC POPULATION
       J.A. Robinson, S. Somasegar, J.K. Shivapour, C.S. Snyder
       The Congenital Heart Collaborative, Rainbow Babies and Children’s Hospital, Case Western Reserve University School of Medicine, Cleveland, OH, USA

18:30  EFFECT OF FENESTRATION ON EARLY POSTOPERATIVE OUTCOME IN PATIENTS WITH DIFFERENT RISK LEVEL UNDERGOING EXTRACARDIAC FONTAN
       F. Fan, Q. Wang, Z.M. Liu, S.J. Li, T. Yi, J. Yan, F.X. Yan, X. Wang
       The Pediatric Cardiac Surgical Centre, Cardiovascular Institute and Fu Wai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
18:45  YIELD OF SPORTS PREPARTICIPATION CARDIOVASCULAR SCREENING IN MIDDLE AND HIGH SCHOOL STUDENTS
       St. Luke’s University Health Network, Bethlehem, PA, USA

19:00  RESOLUTION OF EARLY SECOND TRIMESTER HYDROPS FETALIS FOLLOWING TREATMENT OF FETAL TACHYCARDIA
       J.A. Robinson, J.P. Strainic, J.K. Shivapour, C.S. Snyder
       The Congenital Heart Collaborative, Rainbow Babies and Children’s Hospital, Case Western Reserve University School of Medicine, Cleveland, OH, USA
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<td>ASSESSMENT OF ASCENDING AORTIC DIAMETER BY TRANSTHORACIC ECHOCARDIOGRAPHY: AGE AND SEX SPECIFIC REFERENCE VALUES IN ADULTS WITH AND WITHOUT SYSTEMIC HYPERTENSION</td>
<td>G. Kumar, C. Ayoub, P. Thapa, F.A. Miller, P.C. Spittell</td>
<td>Emory University School of Medicine, Atlanta, GA, USA</td>
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<td>C. Ayoub, S.A. Luis, J. Maleszewski, P. Pellikka</td>
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<td>J. Salvanera, I. Bundalian, R. Ramboyong</td>
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<td>C. Gallegos, V. Singh, M. Rivera-Maza, R. Colombo, R.C. Hendel</td>
<td>University of Miami, Miller School of Medicine, FL, USA</td>
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<td>J.A. Ryu, G.M. Park, D.W. Kim, T.S. Kim, C.J. Kim, J.S. Cho, M.W. Park, S.H. Her, J.B. Kwon</td>
<td>Daejeon St. Mary’s Hospital, the Catholic University of Korea, Seoul, Korea</td>
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<td>IS NON-INVASIVE MEASUREMENT OF CARDIAC OUTPUT USING ELECTRICAL CARDIOMETRY IN PATIENTS WITH AORTIC STENOSIS A RELIABLE METHOD?</td>
<td>P. Teevy, R. Bagur, K. Karimi-Shahri, J. Teevy, R. Sule, C. Phillips, K. Norozi</td>
<td>Western University, London, ON, Canada</td>
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<td>IMPACT OF INITIAL FUNCTIONAL EVALUATION COMPARED WITH INVASIVE ANGIOGRAPHY FOR STABLE CORONARY ARTERY DISEASE</td>
<td>G.S. Jung, S.Y. Oh, G.M. Park, D.W. Kim, T.S. Kim, C.J. Kim, J.S. Cho, M.W. Park, S.H. Her, J.B. Kwon</td>
<td>Daejeon St. Mary’s Hospital, the Catholic University of Korea, Seoul, Korea</td>
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### P202  NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES (cont.)

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<td>S. Talebi, O. Zaher, <strong>H. Reyes</strong>, O. Olatunde, F. Visco, G. Pekler</td>
<td>New York Medical College - Metropolitan Hospital Center, New York, NY, USA</td>
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<td><strong>N. Katta</strong>, P. Velagapudi, M. Mittal, H. Agrawal, A. Kumar</td>
<td>University of Missouri School of Medicine, Columbia, MO, USA</td>
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<td>Richmond University Medical Center, Staten Island, New York, USA</td>
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<td><strong>W. Ciozda</strong>, I. Kedan, R. Khandwalla, R. Zimmer, A. Kimchi</td>
<td>David Geffen School of Medicine, University of California, Los Angeles, California, USA</td>
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<td>INCIDENTAL FINDING OF INTERVENTRICULAR MEMBRANOUS SEPTAL ANEURYSM IN A PATIENT WITH SUPRAVENTRICULAR TACHYCARDIA</td>
<td><strong>F. Elmi</strong>, M. Sharma, B. Ganguly</td>
<td>Drexel University College of Medicine, Philadelphia, PA, USA</td>
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### P203  CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT

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<td>UTILITY OF SIGNAL-AVERAGED HOLTER ELECTROCARDI DiGRAM AFTER PILSICAINIDE PROVOCATION FOR RISK STRATIFICATION IN BRUGADA SYNDROME</td>
<td><strong>J. Kakihara</strong>, M. Takagi, Y. Hayashi, H. Tatsumi, A. Doi, K. Sugioka, M. Yoshiyama</td>
<td>Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka, Japan</td>
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<td>THE IMPACT OF SOCIOECONOMIC HEALTH DISPARITIES IN CONGESTIVE HEART FAILURE IN OUT PATIENT MANAGEMENT A CASE SERIES RETROSPECTIVE ANALYSIS OF DIAGNOSED CASES</td>
<td><strong>R. Patel</strong>, A. Patel, M. Singh, M.D. Dao, B. Hussain, K. George</td>
<td>Clinical Trial Network, Houston, TX, USA</td>
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### P204  NEW INSIGHTS INTO PATHOGENESIS AND MANAGEMENT OF HEART FAILURE

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**17**  COMPARABLE LONG-TERM PROGNOSIS AFTER THE CHANGE FROM ANGIOTENSIN-CONVERTING ENZYME INHIBITOR TO ANGIOTENSIN RECEPTOR BLOCKER IN ACUTE MYOCARDIAL INFARCTION  
**H.Y. Kim, S.M. Lim, K.Y. Chang, W.S. Chung, K.B. Seung**  
The Catholic University of Korea, Seoul, Korea

**18**  THE EFFECT OF INTRAHEPATIC CHOLESTASIS OF PREGNANCY ON THE EXPRESSION AND FUNCTIONALITY OF PLACENTAL P-GLYCOPROTEIN IN MICE: IMPLICATIONS IN THE INDIVIDUALIZED TRANSPLACENTAL DIGOXIN TREATMENT FOR FETAL HEART FAILURE  
**C. Wang, Y.M. Hua, Y. Zhang, Y.F. Li, K.Y. Zhou**  
West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China

**19**  SODIUM TANSHINONE IIA SULFONATE AND SODIUM DANSHEN SU OPEN THE PLACENTAL BARRIER THROUGH DOWN-REGULATION OF PLACENTAL P-GLYCOPROTEIN IN MICE: IMPLICATIONS IN THE TRANSPLACENTAL DIGOXIN TREATMENT FOR FETAL HEART FAILURE  
**C. Wang, K.Y. Zhou, Y.F. Li, Y.F. Zhang, Y.M. Hua**  
West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China

### P205  MISCELLANEOUS

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**20**  ASSESSING THE COMPETENCY OF INTERNAL MEDICINE RESIDENTS IN ELECTROCARDIOGRAM INTERPRETATION  
**A. Kodra, T. Rambhatla, S. Patel, N. Coplan**  
Lenox Hill Hospital, New York, NY, USA

**21**  A LARGE MASS OBLITERATING THE RIGHT VENTRICLE: A TUMOR OR A THROMBUS?  
**S. Patnaik, M. Shah, S. Sharm, H. Seetha Rammohan, A. Rubin**  
Albert Einstein Medical Center, Philadelphia, PA, USA

**22**  ASSESSMENT THE ROLE OF CORONARY CLEARANCE FRAME COUNT IN PATIENTS WITH CARDIAC SYNDROME X  
**E. Yildirim, U.C. Yuksel, B. Bugan, M. Celik, M. Koklu, S. Gormel, H.K. Kabul, C. Barcin**  
Gulhane Military Medical Academy, Department of Cardiology, Ankara, Turkey

**23**  MULTI-CHAMBER CARDIAC EMBOLUS DETECTED WITH MULTI-MODAL IMAGING  
**V. Tavakoli, R. Grodman, J. Nfonoyim, A.R. Chaudery, V. Pandian**  
Richmond University Medical Center, New York, NY, USA

**24**  CARDIOVASCULAR DISEASE IS ASSOCIATED WITH AN INCREASED RISK OF FRAILTY IN ELDERLY RESIDENTS OF A LONG-TERM CARE FACILITY  
**C.J. Hsieh, N.F. Miao**  
National Taipei University of Nursing and Health Sciences, Taipei, Taiwan
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<tr>
<td>PSEUDOHYDONATREMIA CAUSED BY LIPOPROTEIN X IN OBSTRUCTIVE BILIARY CHOLESTASIS SECONDARY TO PANCREATIC CANCER</td>
<td>K. Anouti, J. Clark, M. Maalouf, E. Gnall, T. Phiambolis, T. Shapiro Lankenau Medical Center, Wynnewood, PA, USA</td>
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<tr>
<td>CARDIAC TUBERCULOMA PRESENTING AS THROMBOTIC THROMBOCYTOPENIC PURPURA-HEMOLYTIC UREMIC SYNDROME</td>
<td>E.A. Christian, R.M. Mehta, R.N. Khouzam University of Tennessee Health Sciences Center, Memphis, TN, USA</td>
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<td>A CASE REPORT OF CELIAC GANGLION BLOCK IN POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME</td>
<td>H.Y. Mistry, S.E. Hamid, A. Suleman The Heartbeat Clinic, McKinney, Texas, USA</td>
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<td>LARGE HEPATIC CYST AND PATENT FORAMEN OVALE: UNUSUAL COMBINATION PRODUCING PLATYPNEA-ORTHODEOXIA SYNDROME</td>
<td>B.A. Foreman, J Hansen Penn State Hershey Medical Center/College of Medicine, Hershey, PA, USA</td>
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<tr>
<td>USE OF HIGH FREQUENCY PERCUSSIVE VENTILATOR AS BRIDGE TO ORGAN PROCUREMENT: LIFE GOES ON</td>
<td>F. Benn, A. Ashwad, I. Gulkarov, B. Fahoum, F. Khusid, M. Majumder New York Methodist Hospital, Brooklyn NY USA</td>
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SUNDAY, JULY 31, 2016

08:30 – 10:30 Hall A

**PL07**

**Plenary Session**

**AORTIC ANEURYSMS AND PERIPHERAL VASCULAR DISEASE: PATHOGENESIS, DIAGNOSIS AND TREATMENT**

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

---

08:30  
**ASTHMA AS A RISK FACTOR OF HUMAN AND EXPERIMENTAL ABDOMINAL AORTIC ANEURYSM** (Invited Lecture)  
C.-L. Liu, H. Wemmelund, J.S. Lindholt, A. Daugherty, B.D. Levy, P. Libby, **G.-P. Shi**  
Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

08:45  
**CXCR6/CXCL16 AXIS IS INVOLVED IN MONONUCLEAR CELL ADHESION INDUCED BY ANGIOTENSIN II, POTENTIAL IMPLICATION IN ABDOMINAL AORTIC ANEURYSM (AAA) FORMATION?** (Invited Lecture)  
Faculty of Medicine, University of Valencia, Valencia, Spain

09:00  
**THE CENTRAL ROLE OF SMOOTH MUSCLE CELL MITOCHONDRIA IN THE PREVENTION OF ABDOMINAL AORTIC ANEURYSM BY LOW LEVEL LASER THERAPY** (Invited Lecture)  
L. Gavish, R. Beeri, D. Gilon, C. Rubinstein, Y. Berlatzky, **S.D. Gertz**  
The Hebrew University of Jerusalem and Hadassah University Hospital, Jerusalem, Israel

09:15  
**WHAT IS THE PROGRESS WITH TREATMENTS FOR SMALL ABDOMINAL AORTIC ANEURYSMS?** (Invited Lecture)  
**J. Golledge**  
James Cook University, School of Medicine Townsville, Queensland, Australia

09:30  
**WHOLE EXOME SEQUENCE FOR THORACIC AORTIC ANEURYSMS** (Invited Lecture)  
Yale University School of Medicine, New Haven, CT, USA

09:45  
**DILATING VENOUS DISEASE: PATHOPHYSIOLOGY AND A SYSTEMATIC ASPECT TO DIFFERENT VASCULAR TERRITORIES** (Invited Lecture)  
**E. Yetkin**, International Medical Center, Mercin, Turkey

10:00  
**MANAGEMENT OF VENOUS THROMBOEMBOLISM** (Invited Lecture)  
**T. Tomaru**, T. Matsubara, E. Matsubara, S. Kodera  
Toho University Sakura Hospital, Sakura, Japan

10:15  
**THE 2016 BEST TOOL FOR PERIPHERAL VASCULAR INTERVENTION** (Invited Lecture)  
**S.M. Butman**  
Verde Valley Medical Center, Cottonwood, AZ, Banner University Medical Center, Tucson, AZ, USA

10:30  
**COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
### SUNDAY, JULY 31, 2016

**08:30 – 11:15 Hall B**

**PL08 Plenary Session**

**ATHEROSCLEROSIS: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR INTERVENTIONS**

Chairs:  
C. Chen, Houston, TX, USA  
T. Malinski, Athens, OH, USA

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<tr>
<td>08:30</td>
<td>NOVEL REGULATION OF VASCULAR CALCIFICATION (Invited Lecture)</td>
<td>Y. Chen, University of Alabama at Birmingham, Birmingham, AL, USA</td>
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</table>
| 08:45 | PREVENTION AND INTERFERENCE OF ATHEROSCLEROTIC HEART DISEASE IN MULTIPLE ANIMAL MODELS (Invited Lecture) | S. Chatterjee, D. Bedja, S. Mishra, C. Amuzie, C.A. Foss, M.G. Pomper, R. Bhattacharaya, K.J. Yarema  
Johns Hopkins University, Baltimore, MD, USA |
| 09:00 | GLYCOSAMINOGLYCANS (GAGS) IN CARDIOVASCULAR DISEASE: SEARCHING FOR THE SWEET SPOT (Invited Lecture) | A. Lucas, University of Florida, Gainesville, FL, USA                     |
| 09:15 | OXIDATIVE STRESS AND ENDOTHELIAL DYSFUNCTION (Invited Lecture)      | C. Chen, J. Lu, Q. Yao  
Baylor College of Medicine, Houston, TX, USA |
| 09:30 | A NANOMEDICAL APPROACH TO THE RESTORATION OF DYSFUNCTIONAL ENDOTHELIUM AND THE FUNCTION OF THE CARDIOVASCULAR SYSTEM (Invited Lecture) | T. Malinski, S. Awad, H. Dawoud, Ohio University, Athens, OH, USA         |
| 09:45 | EFFECT OF ENDOTHELIAL CELL SENESCENCE ON THE HEAT SHOCK RESPONSE AND CELLULAR FUNCTION (Invited Lecture) | A.A. Knowlton, H.T. Hwang  
Sacramento VA Medical Center, Mather, CA USA and University of California, Davis, CA, USA |
| 10:00 | INVOLVEMENT OF STROMAL INTERACTION MOLECULE-1 IN ANGIOTENSIN-II-INDUCED EXPRESSION OF EARLY GROWTH RESPONSE PROTEIN-1 IN VASCULAR SMOOTH MUSCLE CELLS (Invited Lecture) | E.R. Simo-Cheyou, A.K. Srivastava  
CRCHUM, University of Montreal, Montreal, Quebec, Canada |
| 10:15 | MICRORNA REGULATION OF ENDOTHELIAL INFLAMMATION AND ATHEROSCLEROSIS (Invited Lecture) | M. Feinberg  
Brigham and Women’s Hospital, Boston, MA, and Harvard Medical School, Boston, MA, USA |
| 10:30 | IMPACT OF REACTIVE OXYGEN SPECIES ON CORONARY ARTERIAL REMODELING - A COMPARATIVE INTRAVASCULAR ULTRASOUND AND HISTOCHEMICAL ANALYSIS OF ATHEROSCLEROTIC LESIONS (Invited Lecture) | M. Terashima  
Toyohashi Heart Center, Toyohashi, Japan |
SUNDAY, JULY 31, 2016

08:30 – 11:15 Hall B

PL08  Plenary Session
ATHEROSCLEROSIS: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR INTERVENTIONS (cont.)

Abstract No.

10:45  MOLECULAR MECHANISMS OF VASCULAR DYSFUNCTION AND Atherosclerosis REGULATED BY HEMODYNAMICS FORCES
Invited Lecture)
Z-G. Jin
University of Rochester School of Medicine and Dentistry, Rochester, NY, USA

11:00  ADAR1-MEDIATED RNA EDITING, A NOVEL MECHANISM CONTROLLING VASCULAR SMOOTH MUSCLE PHENOTYPIC MODULATION (Invited Lecture)
J. Fei, X.B. Cui, K. Dong, S.Y. Chen
University of Georgia, Athens, GA, USA

08:30 – 10:15 Hall C

S26  CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

Chairs:  Y. Charuzi, Los Angeles, CA, USA
         P.A. Pellikka, Rochester, MN, USA

08:30  ATRIAL FIBRILLATION INFLUENCES RIGHT ATRIAL PRESSURE ESTIMATION BY HAND HELD ULTRASOUND ASSESSMENT OF THE VENA CAVA
D.W. Kehl, R. Zimmer, G. Sheth, S.R. Shadix, R. Khandwalla, I. Kedan
Cedars-Sinai Medical Center, Los Angeles, CA, USA

08:45  NEW SOFTWARE BASED BEAMFORMING ALGORITHM IS SUPERIOR TO HARDWARE BASED BEAMFORMER IN ENDOCARDIAL BORDER DETECTION
Icahn School of Medicine at Mount Sinai, New York, NY, USA

09:00  A MIXED TREATMENT ANALYSIS COMPARING THE EFFICACIES OF IVABRADINE VERSUS BETA BLOCKERS WHEN USED AS PREMEDICATION FOR HEART RATE REDUCTION IN COMPUTED TOMOGRAPHY CORONARY ANGIOGRAPHY
S. Dayanand, J.M. Martinez
University of Central Florida, Kissimme, FL, USA

09:15  THE ROLE OF ECHOCARDIOGRAPHY IN THE MANAGEMENT OF PATIENTS UNDERGOING VENTRICULAR ASSIST DEVICE IMPLANTATION AND/OR TRANSPLANT SURGERY (Invited Lecture)
T.S. Kato, Juntendo University School of Medicine, Bunkyo-ku, Tokyo, Japan
## S26 CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION (cont.)

### Abstract No.

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<tr>
<td>09:30</td>
<td>COST EFFECTIVENESS OF CORONARY CT ANGIOGRAPHY IN PATIENTS WITH LOW RISK FOR CORONARY ARTERY DISEASE (CAD) AT A TERTIARY CARE CENTER</td>
<td>K. Kalvakuri, S. Banga, S. Singh, W. Keattiyoat, M.F. Malik</td>
<td>University of Illinois College of Medicine at Peoria, Illinois, USA</td>
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<td>09:45</td>
<td>HYPEREMIC INSTANTANEOUS WAVE-FREE RATIO PROVIDES THE HEMODYNAMIC OUTCOME FOR MODERATE TO SEVERE CORONARY ARTERY STENOSES</td>
<td>Y. Kanamori, R. Aikawa</td>
<td>Kuwana City Medical Center, Japan</td>
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<td>10:00</td>
<td>GLOBAL LONGITUDINAL STRAIN AS A PREDICTOR OF MAJOR ADVERSE EVENTS IN ESRD PATIENTS WITH PRESERVED EJECTION FRACTION</td>
<td>S. Furlan, F. Abdelmalak, E. Donath, R. Chait</td>
<td>University of Miami, Palm Beach Regional Campus, Atlantis, FL, USA</td>
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### 08:30 – 11:00 Hall D

## S27 ADVANCES IN HEART FAILURE, CARDIOMYOPATHIES AND PULMONARY HYPERTENSION

### Chairs:
- Y. Birnbaum, Houston, TX, USA
- A.M. Gerdes, Old Westbury, NY, USA

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<tr>
<td>08:30</td>
<td>PULMONARY AND HEMODYNAMIC RESPONSES TO FRUCTOSE-1,6-DIPHOSPHATE (FDP) IN PATIENTS WITH ACUTE LUNG INJURY (ALI)</td>
<td>A.K. Markov, T.N. Skelton</td>
<td>University of Mississippi School of Medicine Department of Medicine, Jackson, MS, USA</td>
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<td>08:45</td>
<td>MORTALITY OF PULMONARY EMBOLISM TREATED WITH SYSTEMIC OR INTRAPULMONARY THROMBOLYSIS: A SINGLE CENTER, 10-YEAR RETROSPECTIVE STUDY</td>
<td>S. Udae, J. Cholteesupachai, S. Srimahachota</td>
<td>King Chulalongkorn Memorial Hospital, Chulalongkorn University, Bangkok, Thailand</td>
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<td>09:00</td>
<td>SHORT TERM LOW DOSE ATORVASTATIN THERAPY IMPROVES ENDOTHELIAL DYSFUNCTION IN NORMOLIPIDEMIC PATIENTS WITH PRESERVED EJECTION FRACTION HEART FAILURE</td>
<td>S. Yazdankhah, S.H. Majidi, M.H Adel, A. Kardooni, H. Karbalivand, M .Maghsoodi, A. Rouhizadeh</td>
<td>Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Khuzestan</td>
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<td>09:15</td>
<td>A COMPARATIVE ANALYSIS OF CHRONIC HEART FAILURE IN A PREDOMINANT AFRICAN-AMERICAN POPULATION</td>
<td>D. Brito, E. Ladron-Fraco, T. Alnabelsi, J. Penalver, A. Macedo-Dias, H.D. Hares, B. Bozorgnia</td>
<td>Department of Internal Medicine, Einstein Medical Center, Philadelphia, PA, USA</td>
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<td>09:30</td>
<td>DOXORUBICIN-INDUCED CARDIOMYOPATHY IN CHRONIC LYMPHOCYTIC LEUKEMIA AND RICHTER’S TRANSFORMATION: DEVELOPMENT OF HEART FAILURE WITH SYSTOLIC AND DIASTOLIC DYSFUNCTION</td>
<td>S.H. Wan, R.L. Frye</td>
<td>Mayo Clinic, Rochester, MN, USA</td>
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<td>09:45</td>
<td>PRENATAL TRANS-PLACENTAL DIGOXIN THERAPY FOR FETAL HEART FAILURE: A COHORT STUDY</td>
<td>K.Y. Zhou, C. Wang, Y.F. Li, Y.M. Hua</td>
<td>West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China</td>
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<td>10:00</td>
<td>PATIENT PERCEPTIONS ABOUT A HOSPITAL-AT-HOME MODEL OF CARE FOR DECOMPENSATED HEART FAILURE</td>
<td>T. Rahman, Q. Ibrahim, H. Van Spall</td>
<td>McMaster University, Department of Medicine, Hamilton, ON, Canada</td>
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<td>10:15</td>
<td>A CASE OF TUBERCULOUS PERICARDITIS MIMICKING LUPUS CARDITIS</td>
<td>C. Panagiota, I. Katsa, J. Miles, R. Faillace</td>
<td>Albert Einstein College of Medicine Jacobi Medical Center, Bronx, NY, USA</td>
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<td>10:30</td>
<td>CLINICAL CHARACTERISTICS OF TAKOTSUBO CARDIOMYOPATHY IN THAILAND</td>
<td>A. Ardijnaphai, J. Chaipromprasit</td>
<td>Division of Cardiovascular Medicine, King Chulalongkorn Memorial Hospital, Bangkok, Thailand</td>
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<td>10:45</td>
<td>EMBOLIC PARADOX: WHEN TWO WRONGS MAKE A RIGHT</td>
<td>V. Tavakoli, R. Bindu, C. Philip, R. Grodman, D. Bloomfield</td>
<td>Richmond University Medical Center, Staten Island, NY, USA</td>
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<td>11:00</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
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SUNDAY, JULY 31, 2016

11:15 – 13:30 Hall A

PL09 Plenary Session
VALVULAR, STRUCTURAL AND CONGENITAL HEART DISEASE: NEW CHALLENGES AND NEW DIRECTIONS

Chairs:  
J.S. Borer, New York, NY, USA  
L.P. Perrault, Montreal, QC, Canada

Abstract No.

11:15 MITRAL INTERVENTION IN CABG PATIENTS: IS LESS EVER MORE?  
(Invited Lecture)  
L.P. Perrault  
Montreal Heart Institute, East, Montreal, QC, Canada  
197

11:30 VALVULAR HEART DISEASES 2016: EPIDEMIOLOGY AND IMPACT OF INTERVENTIONS  
(Invited Lecture)  
J.S. Borer, P.G. Supino  
SUNY Downstate, New York, NY, USA  
198

11:45 LOW GRADIENT SEVERE AORTIC STENOSIS: ECHO FEATURES AND CLINICAL SIGNIFICANCE  
(Invited Lecture)  
P.A. Pellikka  
Mayo Clinic, Rochester, MN, USA  
199

12:00 ATRIAL FUNCTIONAL MITRAL REGURGITATION: THE LEFT ATRIUM GETS ITS DUE RESPECT  
(Invited Lecture)  
B.D. Hoit  
University Hospitals Case Medical Center, Case Western Reserve University. Cleveland, OH, USA  
200

12:15 OSTEOGENIC DIFFERENTIATION IS A MECHANISM FOR BIOPROSTHETIC VALVE CALCIFICATION  
(Invited Lecture)  
N.M. Rajamannan  
Mayo Clinic, Rochester, MN, USA  
201

12:30 AVOIDING AND SOLVING COMPLICATIONS DURING PERCUTANEOUS CLOSURE OF ASD  
(Invited Lecture)  
A. Lorber  
Rambam Medical Campus, Haifa, Israel  
203

12:45 INCREMENTAL VALUE OF MRI IN STAGING THE SEVERITY OF AORTIC STENOSIS  
M. Katayama, P.M. Panse, C.B. Kendall, J.R. Daniels, J.P. Sweeney, F.D. Fortuin, M. Belohlavek, H.P. Chaliki  
Mayo Clinic, Scottsdale, AZ, USA  
204

13:00 IMPACT OF PREOPERATIVE PULMONARY ARTERIAL HYPERTENSION ON OUTCOME OF MITRAL VALVE REPLACEMENT  
M.A. Gebrie, N. Ahmed, A. Rungatscher, G.B. Luciani, G. Faggian  
Division of Cardiac Surgery, University of Verona, Verona, Italy  
205
SUNDAY, JULY 31, 2016

11:15 – 13:30 Hall A

PL09 Plenary Session
VALVULAR, STRUCTURAL AND CONGENITAL HEART DISEASE: NEW CHALLENGES AND NEW DIRECTIONS (cont.)

Abstract No.

13:15 EARLY OUTCOMES AFTER THE COMMANDO PROCEDURE: DOUBLE VALVE REPLACEMENT AND RECONSTRUCTION OF INTERVALVULAR FIBROSA
D.A. Steimer, T. Chamogeorgakis, J.C. MacHannahford, A. Rafael, S.R. Malyala, G.V. Gonzalez-Stawinski, B. Lima
Baylor University, Dallas, TX, USA

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

11:15 – 13:45 Hall B

PL10 Plenary Session
ATRIAL FIBRILLATION AND SUPRAVENTRICULAR TACHYCARDIA: FROM MECHANISMS TO MANAGEMENT

Chairs: M.A. Alpert, Columbia, MO, USA
T. Deneke, Bad Neustadt, Germany

11:15 ASYMPTOMATIC ACUTE COMPLICATIONS OF ATRIAL FIBRILLATION ABLATION USING IRRIGATED RADIOFREQUENCY TECHNOLOGY
(Invited Lecture)
T. Deneke, P. Halbfaß, P. Müller, G. Szöllösi, M. Roos, J. Krug, A. Schade, A. Müller, F. Fochler, K. Nentwich
Cardiovascular Center Bad Neustadt, Germany

11:30 ANTI-THROMBOTIC THERAPY FOR ATRIAL FIBRILLATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE: CURRENT VIEWS  (Invited Lecture)
M.A. Alpert
University of Missouri, Columbia, MO, USA

11:45 COMPLICATIONS AFTER RADIOFREQUENCY ABLATION OF ATRIAL FIBRILLATION: ATRIAL-ESOPHAGEAL AND PERICARDIOESOPHAGEAL FISTULAS  (Invited Lecture)
K. Seidl
Klinikum-Ingolstadt, Germany

12:00 THE MOST COST EFFECTIVE APPROACH TO RISK ASSESSING PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME  (Invited Lecture)
C.S. Snyder
The Congenital Heart Collaborative, Case Western Reserve University, Cleveland OH, USA
SUNDAY, JULY 31, 2016

11:15 – 13:45 Hall B

PL10  Plenary Session
ATRIAL FIBRILLATION AND SUPRAVENTRICULAR TACHYCARDIA: FROM MECHANISMS TO MANAGEMENT (cont.)

Abstract No.

12:15  CARDIAC AUTONOMIC NERVE STIMULATION AND ATRIAL FIBRILLATION: EFFECT OF IN VIVO SIMULTANEOUS SYMPATHETIC AND VAGAL EXCITATION  (Invited Lecture)
Y. Zhang
Cleveland Clinic, Cleveland, OH, USA, New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA

12:30  METABOLOMIC PROFILING IN RELATION TO NEW-ONSET ATRIAL FIBRILLATION IN THE COMMUNITY: THE FRAMINGHAM HEART STUDY
D. Ko, E.M. Riles; E.G. Marcos; J.W. Magnani; S.A. Lubitz; H. Lin; M.T. Long; R.B. Schnabel; D.D. McManus; P.T. Ellinor; V.S. Ramachandran; T.J. Wang; R.E. Gerszten; E.J. Benjamin; X. Yin; M. Rienstra
Boston Medical Center, Boston University School of Medicine, Boston, MA; USA

12:45  TEMPORAL TRENDS IN PREVALENCE OF COMORBIDITIES IN ATRIAL FIBRILLATION PATIENTS ADMITTED WITH FIRST ISCHEMIC STROKE
St. Luke’s University Health Network, Bethlehem, PA, USA

13:00  COLCHICINE VERSUS PLACEBO FOR PREVENTION OF POST-PROCEDURAL ATRIAL FIBRILLATION: A SYSTEMATIC REVIEW AND META-ANALYSIS
O. Kreidieh, M. Kabach, S. El Dassouki, J. Martinez, R. Rosenstein, R. Chait
University of Miami Miller, Palm Beach Regional Campus, Atlantis, Florida, USA

13:15  GASTROINTESTINAL BLEEDING PROPHYLAXIS IN ATRIAL FIBRILLATION PATIENTS RECEIVING DABIGATRAN
Texas Tech University Health Sciences Center, Lubbock, TX, USA

13:30  IMPACT OF CHA2DS2VASC SCORE ON ATRIAL FIBRILLATION DETECTION IN PATIENTS WITH CRYPTOGENIC STROKE
St. Luke’s University Health Network, Bethlehem, PA, USA

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S28 CARDIOVASCULAR DISEASE: PREVENTION AND RISK FACTORS

Chairs: C.H. Hennekens, Boca Raton, FL, USA
       N.D. Wong, Irvine, CA, USA

Abstract No.

11:15 STATIN CANDIDATES IN “PRIMARY PREVENTION” DOUBLES WITH THE “ACC/AHA GUIDELINE ON THE TREATMENT OF BLOOD CHOLESTEROL TO REDUCE ATHEROSCLEROTIC CARDIOVASCULAR RISK”: COMPARISON OF TWO AMERICAN GUIDELINES IN TURKISH POPULATION
C. Barcin, F. Bayram, A. Sonmez, C. Gokce, K. Gundogan
Gulhane Military Medical Academy, Ankara, Turkey

11:30 ASSESSING THE CARDIOVASCULAR HEALTH BEHAVIORS OF COLLEGE STUDENTS
M. Granieri, J.P. Cordova, A. Koulova, C. Bavishi, S. Trignano,
J.E. Tamis-Holland
Mount Sinai St. Luke's Hospital, NY, USA

11:45 HOW EFFECTIVE IS LIFESTYLE INTERVENTION IN WEIGHT MANAGEMENT AND DEPRESSION IN ADULTS WITH METABOLIC SYNDROME
Q. Wang, S.Y. Chair, E.M.L. Wong
The Nethersole School of Nursing, Faculty of Medicine, The Chinese University of Hong Kong

12:00 UPDATE ON ASPIRIN IN THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE
C.H. Hennekens
Florida Atlantic University, Boca Raton, FL, USA

12:15 Efficacy of a Cardiovascular Behavioral Intervention Program on Progression of Atherosclerosis
N.D. Wong, A. Eisenberg, J. Cecere, C. Patao, H. Eisenberg
University of California, Irvine, CA, USA

12:30 THE EFFECT OF SELF-MONITORING OF BLOOD PRESSURE ON MEDICATION ADHERENCE AND LIFESTYLE FACTORS: SYSTEMATIC REVIEW, META-ANALYSIS AND QUALITATIVE INTERVIEWS
B.R. Fletcher, J. Hartmann-Boyce, L. Hinton, R.J. McManus
University of Oxford, Oxford, UK

12:45 CAROTID INTIMA MEDIA THICKNESS MEASUREMENT PROMISES TO IMPROVE CARDIOVASCULAR RISK EVALUATION IN HEAD AND NECK CANCER PATIENTS
University of Pennsylvania, Philadelphia, PA, USA

13:00 EFFICACY OF A CARDIOVASCULAR BEHAVIORAL INTERVENTION PROGRAM ON MEASURES OF STRESS
A. Eisenberg, N.D. Wong, C. Pateo, J. Cecere, H. Eisenberg
Re-Engineering Healthcare, Tustin, California, USA
**SUNDAY, JULY 31, 2016**

**11:15 – 13:30 Hall C**

**S28 CARDIOVASCULAR DISEASE: PREVENTION AND RISK FACTORS (cont.)**

Abstract No.

13:15  **EFFECT OF VARIOUS CHILDHOOD ANTHROPOMETRIC MEASURES ON ADULTHOOD CAROTID INTIMA-MEDIA THICKNESS: A SYSTEMATIC REVIEW AND META-ANALYSIS**

J. Kaur, **S. Singh**, P. Nieminen, K.K. Thumburu, A. Chauhan, N. Jaiswal, A. Agarwal, M. Singh, N. Paul, S. Sagwal

ICMR Advanced Centre for Evidenced Based Child Health, Advanced Pediatric Centre, PGIMER, Chandigarh, India

**13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION**

---

**11:15 – 13:30 Hall D**

**S29 CELLULAR, MOLECULAR AND GENETIC MECHANISMS OF CARDIOVASCULAR DISEASE**

Chairs: **L.W. Miller**, Clearwater, FL, USA  
**D.K. Singla**, Orlando, FL, USA

Abstract No.

11:15  **DEPLETION OF THE CEREBLON GENE ENHANCES CARDIAC CONTRACTILITY, Ca2+ TRANSIENT AND MITOCHONDRIAL ENERGY METABOLISM IN MICE**

H.K. Kim, T.H. Ko, Y.H. Noh, S.H. Jeong, N. Kim, B.D. Rhee, K.S. Ko, **J. Han**

College of Medicine, Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea

11:30  **MITF SWITCHES FROM ACTIVATOR TO REPRESSOR OF ERBIN EXPRESSION DURING CARDIAC HYPERTROPHY**


Hebrew University Medical School, Jerusalem, Israel

11:45  **INHIBITION OF LEPTIN RECEPTOR ABOLISHES INTRALIPID-INDUCED CARDIOPROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY**

N. Motayagheni, S. Phan, C. Eshraghi, M. Eghbali

UCLA, CA, USA

12:00  **CYP2C19 GENETIC VARIATION AND INDIVIDUALIZED CLOPIDOGREL PRESCRIPTION IN A CARDIOLOGY CLINIC**

S.A. Mirabbasi, K. Khalighi, B. Khalighi, A. Kodali, Y. Wu, W. Fan

Easton Hospital, Drexel University, Easton, PA, USA
SUNDAY, JULY 31, 2016

11:15 – 13:30       Hall D

S29  CELLULAR, MOLECULAR AND GENETIC MECHANISMS OF CARDIOVASCULAR DISEASE
(cont.)

12:15  A GENOME-WIDE METHYLATION ANALYSIS SHOWS DIFFERENTIALLY METHYLATED REGIONS BETWEEN FUTURE CVD CASES AND CONTROLS
CiberOBN, Madrid, Spain

12:30  RELATIONSHIP BETWEEN ASPIRIN RESPONSE RELATED MICRORN
AND THE RISK OF CARDIOVASCULAR EVENTS IN CAD PATIENTS
Department of Geriatrics, Peking University First Hospital, Beijing, China

12:45  A GENETIC VARIANT IN THE CIRCADIAN GENE BMAL1 IS ASSOCIATED WITH HIGHER INCIDENCE OF CARDIOVASCULAR DISEASES
CiberOBN, Madrid, Spain

13:00  MMP1 GENE POLYMORPHISM AND CIRCULATING MMP IN ELDERS WITH LIPEMIA AND PATIENTS WITH IHD
G.A. Paul, N.V. Goncharova, V.M. Belichenko, T.A. Korolenko
Institute of Physiology and Fundamental Medicine, Novosibirsk, Russia

13:15  EVALUATION OF GENETIC PROFILES IN MEDICATION ADJUSTMENTS
Yale University New Haven, CT, USA

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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**P301 VASCULAR BIOLOGY, BASIC RESEARCH**

| 1 | MICRORNA AS KEY TARGETS OF MEF2 TRANSCRIPTION FACTOR IN THE ENDOTHELIUM: ROLE IN THE PATHOGENESIS OF PULMONARY ARTERIAL HYPERTENSION  
J. Kim, **Y. Young**  
Sookmyung Women’s University, Seoul, South Korea |
| 2 | PROCOLLAGEN TYPE I CARBOXY-TERMINAL PROPEPTIDE IS ASSOCIATED WITH BLOOD PRESSURE, CARDIAC HYPERTROPHY AND DYSFUNCTION, AND PREDICT CARDIOVASCULAR EVENTS IN HEMODIALYSIS PATIENTS  
**Y.O. Kim**, B.M. Choi, S.J. Shin  
The Catholic University, Seoul, Korea |
| 3 | IDH2 DEFICIENCY IMPAIRS MITOCHONDRIAL FUNCTION IN ENDOTHELIAL CELLS AND ENDOTHELIUM-DEPENDENT VASOMOTOR FUNCTION  
**S. Jung**, C. Kim  
Chungnam National University, Daejeon, Korea |
| 4 | EFFECTS OF PERIVASCULAR ADIPOSE TISSUE ON VASODILATION DIFFER BY THE SEVERITY OF METABOLIC DISORDERS  
**S. Kagota**, S. Iwata, K. Maruyama, S. Koyanagi, K. Shinozuka  
Mukogawa Women’s University, Nishinomiya, Japan |
| 5 | TRASTUZUMAB INDUCES SYSTEMIC OXIDATIVE STRESS IN AN EXPERIMENTAL BIOLOGICAL MODEL  
Instituto Nacional de Cardiologia “Ignacio Chavez”, Mexico City, Distrito Federal, Mexico |
| 6 | TIME-DEPENDENT RELAXANT EFFECTS OF NITRIC OXIDE AND CARBON MONOXIDE INTERACTION ON ALBINO RATS AORTIC RINGS WITH SPECIAL EMPHASIS ON THE ROLES OF K+ AND CA++ CHANNELS  
**O.A. Al-Habib**, S.S. Khalil  
University of Zakho, Kurdistan Region, Iraq |
| 7 | PROTEASE-ACTIVATED RECEPTOR-2 RELAXATION OF RAT AORTAS VASODILATION IN METABOLIC SYNDROME  
Mukogawa Women’s University, Nishinomiya, Hyogo, Japan |
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<td>China Medical University &amp; Hospital, Taichung, Taiwan</td>
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<td>E.S. Roberto, T. Aung, A. Agarwal</td>
<td>Wright State University Department of Internal Medicine, Dayton, OH, USA</td>
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<td>J.M. Telayna, J.M(h) Telayna, R.A. Costantini</td>
<td>Hospital Universitario Austral, Bs As, Argentina</td>
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<td>O.E Egbuche, P. Agasthi, K. Sivakumar, R. Sachdeva</td>
<td>Morehouse School of Medicine and Grady Memorial Hospital, Atlanta, Georgia, USA</td>
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<td>A.F. Chaudhry, P. Agasthi, D. Hirsh, R. Sachdeva</td>
<td>Morehouse School of Medicine, Atlanta, GA, USA</td>
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<td>Richmond University Medical Center, Staten Island, NY USA</td>
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<td>Mayo Clinic, Rochester, MN, USA</td>
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<td>K.A. Samtani, O.M. Ali</td>
<td>Wright State University, Dayton, OH, USA</td>
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**P303 ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY (cont.)**

**HIGH-SENSITIVITY TROPOIN I (HSTNI) LEVEL IN ACUTE MYOCARDIAL INFARCTION (AMI) PATIENTS AND ITS ASSOCIATION WITH CORONARY ARTERY DISEASE (CAD) RISK FACTORS, AN INVESTIGATIVE STUDY**

**K.A. Floren, R.E. Ramboyong**  
The Medical City, Pasig City, Philippines

**QRS COMPLEX FRAGMENTATION AS A PREDICTOR OF MYOCARDIAL SCAR IN PATIENTS WITH TRASTUZUMAB INDUCED CARDIOMYOPATHY**

**C.J. Hayes, D.J. Pytlewski, D.S. Jassal, C.M. Seifer, W.F. McIntyre**  
University of Manitoba, Winnipeg, MB, Canada

**DETERMINANTS OF CARDIAC DYSFUNCTION AND LEFT VENTRICULAR HYPERTROPHY IN PHEOCHROMOCYTOMA**

St Luke's University Health Network, Bethlehem, PA, USA

**DIFFERENTIAL REVERSIBILITY IN HEART FAILURE DUE TO HYPOTHYROIDISM**

**E.S. Roberto, T. Aung, A. Agarwal, R.J. Colon**  
Wright State University Department of Internal Medicine, Dayton, OH, USA

**ELECTRO-CARDIOVERSION OF NEW ONSET ATRIAL FLUTTER LEADING TO CARDIOGENIC SHOCK**

**E.A. Christian, S.R. Kadiire, R.N. Khouzam**  
University of Tennessee Health Science Center, Memphis, TN, USA

**DILATED CARDIOMYOPATHY INDUCED BY CHRONIC STARVATION AND SELENIUM DEFICIENCY**

**S. Dasgupta, A.M. Aly**  
University of Texas Medical Branch, Galveston, Texas, USA

**TRIPLE TROUBLE: SINGLE CORONARY ARTERY AND CORONARY ARTERY DISEASE IN THE SETTING OF HYPERTROPHIC CARDIOMYOPATHY**

**S. Patnaik, M. Shah, S. Sharma, N. Codolosa, V.M. Figueredo**  
Albert Einstein Medical Center, Philadelphia, USA

**LEFT VENTRICULAR OUTFLOW TRACK OBSTRUCTION AND MITRAL VALVE REGURGITATION IN A PATIENT WITH TAKOTSUBO CARDIOMYOPATHY**

**Y. Wu, W.Q. Fan, L. Chachula, G. Costacurta, R. Rohatgi, F. Elmi**  
Easton Hospital, Drexel University, Pennsylvania, USA
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<td>Wright State University Department of Internal Medicine, Dayton, OH, USA</td>
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<td>Mayo Clinic, Rochester, MN, USA</td>
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<td>P305 ELECTROPHYSIOLOGY: SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY</td>
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<td>University of Arizona College of Medicine- Phoenix, Phoenix, AZ, USA</td>
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<td>Ramathibodi Hospital, Mahidol University, Bangkok, Thailand</td>
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<td>WEARABLE CARDIOVERTER-DEFIBRILLATOR –WHERE ARE THE CLINICAL GUIDELINES?</td>
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<td>University of Tennessee Health Science Center, Memphis, Tennessee, USA</td>
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<td>J.A. Fanourgiakis, E.N. Simantirakis, N. Maniadakis, E.M Kanoupakis, S.J. Chrysostomakis, G. Kourlaba, G.I. Chlouverakis, S.E. Papadakis, M. Vernardos, P.E. Vardas</td>
<td>Heraklion University Hospital, Crete, Greece</td>
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**P305 ELECTROPHYSIOLOGY: SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY** (cont.)

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**32 PATIENTS FAVOR SHAPE OF MEDTRONIC ICD, BATTERY LIFE OFTEN MORE IMPORTANT**

**J. Kneller, L. Bird**
Yakima Heart Center, Yakima, WA, USA

**33 PACEMAKER COMPLICATION DOCUMENTATION AND THE EFFECT OF A CHANGE IN ANTIBIOTIC GUIDELINES**

**J. Basu, L. West, S. Firoozan**
Royal Berkshire Hospital, Reading, UK

**34 VENTRICULAR TACHYCARDIA STORM ON THE SAME DAY OF ICD IMPLANTATION FOR PRIMARY PREVENTION. WHAT HAPPENED?**

**S. Edla, J. Chandrasekaran, S. Neupane, A. Shakir**
St John Hospital and Medical Center, Detroit, MI, USA
SUNDAY, JULY 31, 2016

14:00 – 16:30   Hall A

PL11   Plenary Session
TREATING ADVANCED HEART FAILURE – THE PUMPS AND BEYOND

Chairs:  
M.R. Johnson, Madison, WI, USA  
H.N. Sabbah, Detroit, MI, USA

Abstract No.

14:00  USE OF THE NONIONIC BLOCK COPOLYMER, VEPOLOXAMER (P-188) FOR THE TREATMENT OF ADVANCED HEART FAILURE  (Invited Lecture)  
H.N. Sabbah, R.C. Gupta, V. Sing-Gupta, M. Emanuele  
Henry Ford Hospital, Detroit, MI, USA

14:15  THE PRESENT AND FUTURE OF THE TOTAL ARTIFICIAL HEART  
(Invited Lecture)  
F. Arabia, I. Gregoric, V. Kasirajan, J. D Moriguchi, D. C Naftel, S. L Myers, J. K Kirklin  
Cedars-Sinai Medical Center, Los Angeles, CA, USA

14:30  THE BENEFITS AND RISKS OF LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION; WHERE IS THE POINT OF CLINICAL EQUIPOISE?  
(Invited Lecture)  
M.R. Johnson  
University of Wisconsin, Madison, WI, USA

14:45  OPTIONS FOR REMOTE PATIENT MONITORING IN THE LVAD POPULATION  
(Invited Lecture)  
Methodist Health System, Dallas, Texas, USA

15:00  TRANSITION TO STAGE D HEART FAILURE AMONG STABLE OUTPATIENTS WITH SYSTOLIC HEART FAILURE  
(Invited Lecture)  
A.P. Kalogeropoulos, A.A. McCue, J.S. Hedley, A. Samman-Tahhan, J.B. Bjork, V.V. Georgiopoulou, J.D. Vega, A.L. Smith  
Emory University, Atlanta, GA, USA

15:15  MYOCARDIAL RECOVERY DURING VENTRICULAR UNLOADING IN PATIENTS WITH CHRONIC CARDIOMYOPATHY: ASSESSMENT OF CARDIAC IMPROVEMENT AND WEANING FROM VENTRICULAR ASSIST DEVICES  
(Invited Lecture)  
M. Dandel  
Deutsches Herzzentrum Berlin, Berlin, Germany

15:30  TREATING FLUID OVERLOAD WITH FLUID; ROLE OF PERITONEAL DIALYSIS IN MANAGEMENT OF HEART FAILURE  
(Invited Lecture)  
A. Kazory  
University of Florida, Gainesville, Florida, USA

15:45  ACELLULAR BIOLOGICS FOR CARDIAC REGENERATION  
(Invited Lecture)  
A. Behfar  
Mayo Clinic, Rochester, MN, USA
SUNDAY, JULY 31, 2016

14:00 – 16:30 Hall A

PL11 Plenary Session
TREATING ADVANCED HEART FAILURE – THE PUMPS AND BEYOND (cont.)

16:00 WHOLE HEART REGENERATION WITH HUMAN iPS CELL-DERIVED HEART PROGENITORS
(Invited Lecture)
B. Lin, T-Y Lu, J. Kim, M. Sullivian, K. Tobita, G. Salama, L. Yang
University of Pittsburgh, Pittsburgh, PA, USA

16:15 NEWER IMPLANTABLE DEVICES IN HEART FAILURE (Invited Lecture)
K. Srivathsan
Mayo Clinic, Phoenix, AZ, USA

16:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:00 Hall B

PL12 Plenary Session
MULTIMODALITY IMAGING FOR EVALUATION OF CARDIOVASCULAR DISEASE

Chairs: A. Elhendy, Marshfield, WI, USA
J.M. Gardin, Teaneck, NJ, USA

14:00 ROLE OF ECHOCARDIOGRAPHY IN EPIDEMIOLOGIC STUDIES AND CLINICAL TRIALS: AN HISTORICAL PERSPECTIVE (Invited Lecture)
J.M. Gardin
Hackensack University Medical Center, Rutgers New Jersey Medical School, NJ, USA

14:15 CARDIAC IMAGING FOR EVALUATION OF CORONARY ARTERY DISEASE IN PATIENTS WITH HYPERTENSION (Invited Lecture)
A. Elhendy
Marshfield Clinic, Marshfield, WI, USA

14:30 MULTIMODALITY IMAGING IN CARDIOMYOPATHY (Invited Lecture)
J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

14:45 ECHOCARDIOGRAPHIC QUANTITATION OF AORTIC REGURGITATION (Invited Lecture)
H. Chaliki
Mayo Clinic College of Medicine, Mayo Clinic, Scottsdale, AZ, US
SUNDAY, JULY 31, 2016

14:00 – 16:00  Hall B

PL12  Plenary Session
MULTIMODALITY IMAGING FOR EVALUATION OF CARDIOVASCULAR DISEASE (cont.)

15:00  CURRENT STATUS OF INTRAVASCULAR IMAGING  (Invited Lecture)
S.K.G. Koshy, L.K. George
Regional One Health - University of Tennessee Health Sciences Center, Memphis TN, USA

15:15  THE USE OF POINT OF CARE ULTRASOUND TO GUIDE MANAGEMENT IN HEART FAILURE  (Invited Lecture)
I. Kedan, R. Khandwalla, R. Zimmer, K. Birkeland
Cedars Sinai Heart Institute, Beverly Hills, CA, USA

15:30  POSITIVE STRESS ECHO AND NORMAL CORONARY ARTERIES: HOW OFTEN AND WHY?  (Invited Lecture)
M. Prokudina, E. Bobrova, E. Shloido, I. Konstantinov, P. Mochalov
Almazov North-West Medical Research Center, St-Petersburg, Russia

15:45  INTRAVASCULAR OPTICAL IMAGING TECHNOLOGY FOR DETECTION OF HIGH-RISK PLAQUE  (Invited Lecture)
H. Yoo

16:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION

14:00 – 16:15  Hall C

S30  RISK STRATIFICATION AND SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE

Chairs:  R.S. Rosenson, New York, NY, USA
         L. Sperling, Atlanta, GA, USA

14:00  ASTHMA ASSOCIATES WITH HUMAN ABDOMINAL AORTIC ANEURYSM AND RUPTURE
C.L. Liu, H. Wemmelund, J. Lindholt, B. Levy, P. Libby, G.P. Shi
Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

14:15  ASSOCIATION BETWEEN HIGH-DENSITY LIPOPROTEIN AND CARDIOVASCULAR DISEASE OUTCOMES
M.S. Sidhu, M. Pragani, W.E. Boden, R.P. Smith, L.H. Bopp, M.E. Rafferty
Albany Medical Center and Albany Stratton Vetera...
SUNDAY, JULY 31, 2016

14:00 – 16:15 Hall C

S30 RISK STRATIFICATION AND SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE (cont.)

Abstract No.

14:45 THE RUMC INDEX: PREDICTING MORTALITY USING A COMBINED EWS AND NLR SCORING SYSTEMS
A.J. Park, X. Wang, V. Arulthasan, D.A. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

15:00 TRIAGE AFTER EXERCISE TREADMILL TEST (TEXT) STUDY: A SINGLE CENTER EXPERIENCE WITHIN AN INTEGRATED HEALTHCARE DELIVERY SYSTEM
A. Krishnaswami, W. Ho, W. Kwan, C. Tsou, O. Anaya, S.F. Jiang, J.J. Jang, W. Praserthdam
Division of Cardiology, Kaiser Permanente, San Jose, CA, USA

15:15 GENERALIZED ANXIETY DISORDER IN PATIENTS AFTER ACUTE MYOCARDIAL INFARCTION: A POPULATION-BASED COHORT STUDY
W-C. Tzeng
National Defense Medical Center, Taipei, Taiwan

15:30 COMPARISON BETWEEN RISK FACTORS AND ANGIOGRAPHIC CHARACTERIZATION OF YOUNG VERSUS OLD PATIENTS WITH STEMI
Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Khuzestan, Iran

15:45 HEARTFIT: PRELIMINARY RESULTS OF A PILOT CARDIAC OUTPATIENT SELF-MANAGEMENT PROGRAMME
J. Choy, M. Tay
Tan Tock Seng Hospital, Singapore

16:00 DEVELOPMENT OF A HOLISTIC MODEL TO PREVENT AND REVERSE CORONARY ARTERY DISEASE: SAAOL (SCIENCE AND ART OF LIVING) SAFETY CIRCLE
B. Chhajer, V. Singh, G. Kumari
SAAOL Heart Center, New Delhi, India

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
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<tr>
<td>14:00</td>
<td>DEFICIENCY OF FILAMIN A IN ENDOTHELIAL CELLS IMPAIRS LEFT VENTRICULAR</td>
<td>S. Bandaru, J. Grönros, B. Redfors, Ç. Čil, D. Pazooki, R. Salimi, E. Larsson, A.X. Zhou, E.</td>
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<td>REMODELING AFTER MYOCARDIAL INFARCTION</td>
<td>Ömerovic, L.M. Akyürek, University of Gothenburg, Sweden,</td>
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<td>14:15</td>
<td>A TRANSGENIC MOUSE MODEL OF ATHEROSCLEROTIC PLAQUE CALCIFICATION</td>
<td>F. Romanelli, A.M. Corbo, A.Y. Savinov, J.L. Millan, O.V. Savinova, New York Institute of</td>
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<td></td>
<td>Technology College of Osteopathic Medicine, Old Westbury, NY, USA</td>
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<td>14:30</td>
<td>THYROID HORMONE INDUCES VASCULAR RELAXATION THROUGH VASP PHOSPHORYL</td>
<td>M.A. Carrillo-Sepulveda, S. Samuel, A. Martin Gerdes, New York Institute of Technology, Old</td>
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<td>LATION AT SERINE 239: A POTENTIAL THERAPEUTIC APPROACH TO TREAT</td>
<td>Westbury, NY, USA</td>
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<td>DIABETIC VASCULAR DYSFUNCTION</td>
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<td>14:45</td>
<td>INTRALIPID PROTECTS THE HEART AGAINST ISCHEMIA/REPERFUSION INJURY</td>
<td>J. Li, N. Motayagheni, N. Barakati, M. Eghbali, UCLA, Los Angeles, CA, USA</td>
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<td>BY REDUCING CARDIOMYOCYTE APOPTOSIS VIA MIR122 INDUCTION IN LATE</td>
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<td>PREGNANCY</td>
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<td>15:00</td>
<td>THE ACTION OF NUTRACEUTICALS ON KEY MACROPHAGE PROCESSES ASSOCIATED</td>
<td>T.S. Davies, H. Gallagher, J.W.E. Moss, F.B. Jaffar, W. Al-Ahmadi, F. Harris, D.P. Ramji,</td>
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<td>WITH ATHEROSCLEROSIS</td>
<td>Cardiff University, Cardiff, UK</td>
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<td>15:15</td>
<td>HEME OXYGENASE-1 DEFICIENCY EXACERBATES ABDOMINAL AORTIC ANEURYSM</td>
<td>Y.C. Ho, M.L. Wu, S.F. Yet, National Health Research Institutes, Zhunan, Taiwan</td>
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<td>15:30</td>
<td>PROTEOMIC PROFILING OF THE AGED MDX-4CV HEART MODEL OF DYSTROPHINOPH</td>
<td>S. Murphy, P. Dowling, K. Ohlendieck, Maynooth University, Maynooth, Co. Kildare, Ireland</td>
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</table>
PL13  Plenary Session
SYSTEMIC AND PULMONARY ARTERY HYPERTENSION: EXPENDING THERAPEUTIC OPTIONS

Chairs:  
W.S. Aronow, Valhalla, NY, USA  
Z.S. Galis, Bethesda, MD, USA

16:45  2016 UPDATE ON TREATMENT OF HYPERTENSION  (Invited Lecture)  304  
W.S. Aronow  
Westchester Medical Center/New York Medical College, Valhalla, NY, USA

17:00  NITRIC OXIDE, GI PROTEINS AND REGULATION OF BLOOD PRESSURE  (Invited Lecture)  305  
E. Hossain, O. Sarkar, Y. Li, M.B. Anand-Srivastava  
University of Montreal, Montreal, Quebec, Canada

17:15  HYPERTENSION UPDATE: QUO VADIMUS?  (Invited Lecture)  306  
Z.S. Galis  
Vascular Biology and Hypertension, National Heart Lung and Blood Institute, Bethesda, MD, USA

17:30  THERAPEUTIC, PREVENTIVE AND PROGNOSTIC ASPECTS OF EXERCISE IN HYPERTENSION  (Invited Lecture)  308  
P. Kokkinos  
Veterans Affairs Medical Center, Washington, DC, USA and Georgetown University School of Medicine, Washington, DC, USA

17:45  EXERCISE RELATED HYPERTENSION (ERH) MAY NOT BE A BENIGN PHENOMENON  (Invited Lecture)  310  
Y. Charuzi, J.M. Mirocha  
Cedars Sinai Medical Center, LA, USA

18:00  UPDATE ON EFFECT OF ISOLATED SYSTOLIC VERSUS SYSTOLIC-DIASTOLIC HYPERTENSION IN OLDER ADULTS  311  
A. Tsimploulis, S. Weerakoon, A. Ahmed  
Georgetown University/Washington Hospital Center, USA

18:15  GENOME-WIDE ASSOCIATION STUDY ON SALTINESS AND ASSOCIATION OF TOP-RANKING SNPS WITH BLOOD PRESSURE  312  
CiberOBN, Madrid, Spain
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<td>16:45</td>
<td>ICD-FORUM - WEB-BASED PSYCHOSOCIAL SUPPORT FOR PATIENTS WITH IMPLANTABLE CARDIOVERTER DEFIBRILLATORS</td>
<td>S.M. Schulz, R. Zniva, O. Ritter, C. Wacker, M. Jack, G. Groschup, T. Deneke, P. Pauli</td>
<td>Comprehensive Heart Failure Center - Wuerzburg, University Hospital Wuerzburg, Germany</td>
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<td>17:00</td>
<td>THE SUBCUTANEOUS IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR: FIRST SINGLE-CENTER EXPERIENCE WITH OTHER CARDIAC IMPLANTABLE ELECTRONIC DEVICES</td>
<td>J. Kuschyk, B. Rudic, S. Roeger, E. Tueluemen, V. Liebe, M. Borggrefe</td>
<td>University Medical Center Mannheim, DZHK partner site Mannheim, Germany</td>
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<td>17:15</td>
<td>THE INCIDENCE OF TORSADES DE POINTES AFTER PROPOFOL EXPOSURE</td>
<td>V. Abrich, H. Ramakrishna, A. Mehta, F. Mookadam, K. Srivathsan</td>
<td>Mayo Clinic Arizona, Phoenix, AZ, USA</td>
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<td>17:30</td>
<td>INTRA-HIS BLOCK RARELY PROGRESS TO PACEMAKER DEPENDENCY: A CASE SERIES</td>
<td>L. Ragupathi, D. Johnson, B.B. Pavri</td>
<td>Thomas Jefferson University Hospital, Philadelphia, PA, USA</td>
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<td>17:45</td>
<td>LONG-TERM COMPLICATIONS OF EPICARDIAL PACING WIRES ABANDONED FOLLOWING CARDIAC SURGERY</td>
<td>A. Singh, A. Shi, H. Vefali, S. Agrawal, A. Sinha, J. Shirani</td>
<td>St Lukes University Hospital, Bethlehem, PA, USA</td>
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<td>18:00</td>
<td>SAFETY AND EFFICACY OF TRANSVENOUS EXTRACTION OF PACEMAKER AND CARDIOVERTER-DEFIBRILLATOR LEADS</td>
<td>H. Vefali, M. Durkin, A. Singh, S. Agrawal, S. Nanda, D. Traub, J. Shirani</td>
<td>St. Luke's University Health Network, Bethlehem, PA, USA</td>
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<td>18:15</td>
<td>DEVICE IMPLANTATION CONUNDRUM: OPTIMAL MANAGEMENT OF A PATIENT WITH MIXED PHENOTYPE CHANNELOPATHY</td>
<td>H. Latt, J. Evans, University of Nevada, Reno, Nevada, USA</td>
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<td>18:30</td>
<td>INAPPROPRIATE SHOCKS DUE TO CHATTERING OF THE LEADS FROM AN INVESTIGATIONAL DEVICE FOR CARDIAC CONTRACTILITY MODULATION AND A DEFIBRILLATION LEAD</td>
<td>T.T. Aung, A. Wase, J. Pollock, Wright State University, Dayton, OH, USA</td>
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<td>18:45</td>
<td>A COMPARISON OF ACTIVE AND PASSIVE LEAD IMPLANTATION: IS OPERATING EXPERIENCE A FACTOR?</td>
<td>J. Basu, C. Wrigley, R. Soar, W. Orr</td>
<td>Royal Berkshire Hospital, Reading, UK</td>
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SUNDAY, JULY 31, 2016

16:45 – 19:15 Hall D

**S33 ACUTE CORONARY SYNDROME: FROM BENCH TO BEDSIDE**

Chairs: M-R. Movahed, Tucson, AZ, USA  
Y. Ueda, Osaka, Japan  

16:45 INCIDENCE AND RISK FACTORS FOR AKI PRE-CARDIAC CATHETERIZATION IN PATIENTS PRESENTING WITH STEMI  
M. Ashukem, J. Cohen, J. Diamond, J. Badlani, M. Calla, C. Mendoza  
University of Miami/Jackson Memorial Hospital, Miami, FL, USA

17:00 CORONARY COLLATERALS ARE NOT CARDIOPROTECTIVE IN MULTIETHNIC STEMI PATIENTS AFTER REVASCULARIZATION  
A. Avezbadalov, A. Jaiswal, E.N. Moustakakis, C.H. Park, A.J. Buda  
Weill Cornell Medical College, New York, NY, USA

17:15 THE HIGH-DEGREE ATRIOVENTRICULAR BLOCK REMAINS A SEVERE PROGNOSTIC MARKER IN THE PRIMARY PERCUTANEOUS CORONARY INTERVENTION ERA  
P. Dobes, University Hospitals of Leicester NHS Trust, Leicester, UK

17:30 IMAGING DEBAKEY’S DEBACLE: AN UNUSUAL CULPRIT FOR ST ELEVATION  
A. Alsaad, O. Odunukan, Mayo Clinic, Jacksonville, FL, USA

17:45 RELATION BETWEEN THE LEVEL OF RED BLOOD CELL DISTRIBUTION AND ELECTROCARDIOGRAM CHANGES AND ECHOCARDIOGRAPHIC WALL MOTION SCORE INDEX IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION  
M. Toufan, M. Rezazadehsaatlou, F. Akbarzadeh  
Tabriz University of Medical Sciences, Tabriz, Eastern Azerbaijan, Iran

18:00 SEVERE CHEST PAIN MIMICKING ACUTE CORONARY SYNDROME IN A DIABETIC PATIENT WITH MYASTHENIA GRAVIS  
A. Chiriac, S.V. Pislaru, P.A. Pellikka, Mayo Clinic, Rochester, MN, USA

18:15 ACUTE LEFT MAIN THROMBOSIS DURING EXERCISE TESTING  
A. Quddus, A. Smith, A. Singh, Y. Manda, P. Puleo, J. Shirani  
St. Luke’s University Health Network, Bethlehem, PA, USA

18:30 IS THERE ANY CORRELATION BETWEEN PLATELET INDICES WITH EXTENT OF CORONARY ARTERY INVOLVEMENT IN ISCHEMIC HEART DISEASES?  
M.H. Adel, M. Seyedian, M. Jafarsalehi, M. Nourizadeh, S. Bagheri, M. Nourizadeh, P. Nabavizadeh Rafsanjani, A. Shams Akhtari  
Ahwaz Jundishapur University of Medical Sciences

18:45 CORRELATION BETWEEN ELECTROCARDIOGRAPHIC CHANGES AND CORONARY ANGIOGRAPHY FINDINGS IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION AND SINGLE-VESSEL DISEASE  
A. Sanaani, W.S. Aronow, R. Paudel, H. Cooper  
Westchester Medical Ctr/New York Medical College, Valhalla, NY, USA

19:00 LEFT BUNDLE BRANCH BLOCK: IS IT TIME TO RECONSIDER THE CRITERIA FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION?  
J. Basu, M. Mikhail, T. Realey, W. Orr  
Royal Berkshire NHS Foundation Trust, Reading, UK
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**P401 INTERVENTIONAL CARDIOLOGY FOR HEART VALVE DISEASE**

1. **TRANSCATHETER AORTIC VALVE IN VALVE REPLACEMENT: EVALUATION OF MEAN AORTIC ECHOCOGRAPHIC GRADIENTS**  
   Henry Ford Hospital, Detroit, MI, USA

2. **FIRST YEAR EXPERIENCE OF A NEW TAVR SITE: WHAT IS THE DURATION OF THE TAVR LEARNING CURVE?**  
   G.A. Rogers, E. Kaluski, S. Sattur, F. Reitknecht, D. Sporn  
   Guthrie Health Systems, Sayre, PA, USA

3. **IMPACT OF ADVANCES IN TAVR TECHNOLOGY ON PROCEDURAL VOLUME**  
   H. El-Haddad, R. Kafa, M. Davis, A. Vargas, B. Al Khiami, Y. Bayissa, M. Alqasrawi, C. Ward, F. Zahr  
   University of Iowa Hospitals and Clinics, Iowa City, IA, USA

4. **EFFECT OF DAY OF PROCEDURE ON OUTCOMES OF TRANSCATHETER AORTIC VALVE IMPLANTATION IN THE UNITED STATES: ANALYSIS FROM LARGE NATIONAL REGISTRY**  
   S.V. Patel, P. Patel, M. Patel, A. Rajabalan, A. Saggu, T. Singh, A. Badheka  
   Western Reserve Health Education/NEOMED, Youngstown, OH, USA

5. **PERCUTANEOUS CLOSURE OF A MITRAL PARAVALVULAR LEAK ANTERGRADELY WITHOUT MAKING A FEMORO-FEMORAL LOOP IN A PATIENT WITH BOTH MITRAL AND AORTIC VALVE REPLACEMENT**  
   C. Barcin, O. Baysan, M. Celik, U.C. Yuksel, E. Yildirim, H.K. Kabul, B. Bugan  
   Gulhane Military Medical Academy, Ankara, Turkey

**P402 VASCULAR (PERIPHERAL AND CAROTID) AND AORTIC DISEASES**

6. **COMPARISON AORTIC DISSECTION DETECTION RISK SCORE AND D-DIMER IN DIAGNOSIS OF ACUTE AORTIC DISSECTION**  
   S. Kodera, J. Kanda  
   Asahi General Hospital, Asahi, Chiba, Japan

7. **TAKAYASU ARTERITIS PRESENTING WITH DIFFUSE AORTIC ULCERS**  
   K. Anouti, A. Khaji, M. Maalouf, K. Hawthorne  
   Lankenau Medical Center, Wynnewood, PA, USA

8. **EFFECT OF ANICOAGULANT ON DEEP VENOUS THROMBOSIS**  
   Toho University Sakura Medical Center, Sakura, Chiba, Japan

9. **PROGNOSIS OF PATIENTS WITH MILD TO MODERATE CAROTID SCLEROSIS**  
   Tokyo University Hospital, Tokyo, Japan

M. Morsy, W.I. Khalife, K. Sadat  
UTMB, Galveston, TX, USA
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**P402 VASCULAR (PERIPHERAL AND CAROTID) AND AORTIC DISEASES (cont.)**

**AGGRESSION, IRE, HOSTILITY AND CAROTID THICKNESS MEASURED IN ADOLESCENTS**

*V. Romero, E. Silva, J. Villasmil, G. Bermudez, M. Bracho, F. Madueño*
Instituto de Investigaciones de Enfermedades Cardiovasculares de la Universidad del Zulia, Maracaibo, Estado Zulia, Venezuela

**PRESENCE OF AORTIC PLAQUE MAY PREDICT CORONARY ARTERY DISEASE**

*T. Tomaru, S. Kodera, E. Mastubara, T. Matsubara, J. Suzuki, T. Tabata, T. Kon, T. Tsustumi*
Toho University Sakura Medical Center, Sakura, Chiba, Japan

**P403 ATRIAL FIBRILLATION AND SUPRAVENTRICULAR ARRHYTHMIA**

**ELECTROCAUTERY INDUCED ATRIAL FIBRILLATION - WHAT IS THE MECHANISM?**

University of Arkansas for Medical Sciences, Little Rock, AR; USA

**LOW ENERGY CARDIOVERSION FOR ATRIAL FLUTTER**

*V.O. Obi, N. Isber, D. Bloomfield, M. Arulhasan*
Richmond University Medical Center, Staten Island, New York NY, USA

**NEW-ONSET ATRIAL FIBRILLATION ASSOCIATED WITH CYCLOPHOSPHAMIDE-INDUCED CARDIOTOXICITY: CASE REPORT**

*A.C. Guta, A.M. Daraban, A. Burducea, D. Bartos*
Bucharest Emergency Clinical Hospital- Foreasca, Romania

**EFFECT OF DABIGATRAN ON PLATELET REACTIVITY - A PROOF OF CONCEPT STUDY**

*S.R. Devabhaktuni, A. Annapureddy, A. Namazi, A. Malik, L. Dizon, C. Miranda, A. Gururaj, C. Ahsan*
University of Nevada School of Medicine, Las Vegas, NV, USA

**INTRACARDIAC THROMBUS IN A WARFARIN RESISTANT PATIENT**

*F. Khan, B.C. Berger, Abington Jefferson Health, Abington, PA, USA*

**P404 ARRHYTHMIAS: DIAGNOSIS AND TREATMENT**

**THE EFFECT OF FLECAINIDE AND RANOLAZINE ON CALCIUM TRANSIENTS IN RAT CARDIOMYOCYTES**

*S. Chawla, A. Alvarez-Laviada, K. Macleod*
Imperial University, Hammersmith, University of Southampton, Southampton, UK

**EFFICACY OF CLASS IC VERSUS CLASS III ANTIARRHYTHMICS AFTER CRYOABLATION USING THE ARCTIC FRONT ADVANCE CATHETER**

*A. Avezbadalov, S. Pollack, A.F. Osman*
NOVA Southeastern University, Fort Lauderdale, FL, USA
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**P404 ARRHYTHMIAS: DIAGNOSIS AND TREATMENT (cont.)**

- **Electrocardiographic Brugada Pattern Unmasked by Coronary Vasospasm in a Cocaine User**
  - **Y. Manda, S. Nanda, A. Singh, S. Agrawal, W. Samuel Towne, J. Shirani**
  - St. Luke's University Health Network, Bethlehem, PA, USA

- **Wide Complex Tachycardia with Propafenone Use – Explain It to My Heart**
  - **S. Neupane, S. Edla, A. Shakir**
  - St John Hospital and Medical Center, Detroit, MI, USA

- **Ivabradine’s Potent Effect on the AV Node: A Case of 2nd Degree Heart Block**
  - **B. Louka, V. Abrich, B. Yeneneh, K. Srivathsan**
  - Mayo Clinic, Arizona, USA

- **Brugada Pattern Electrocardiographic Changes in a Patient with Lithium Toxicity and Fever**
  - **N. Mehta, A. Kanthala, M. Schinlever**
  - Rochester Regional Health, Unity Hospital, Rochester, NY, USA

**P405 CARDIAC SURGERY / MECHANICAL CIRCULATORY SUPPORT**

- **Use of Mechanical Circulatory Support in Octogenarians for Percutaneous Coronary Interventions**
  - St Luke’s University Health Network, Bethlehem, PA, USA

- **Lack of Post LVAD Implantation Weight Loss is Associated with Volume Overload During Intermediate Follow Up**
  - Albany Medical Center, Albany, NY, USA

- **The Hibernating Lima: A Case Report Describing Improvement in Left Internal Mammary Artery Graft Flow After Progression of Native Vessel Coronary Artery Disease**
  - **S. Desai, B. Louka, F.D. Fortuin**
  - Mayo Clinic Arizona, Department of Cardiovascular Disease, Scottsdale, AZ, USA

- **Thrombosis in the Heartware Pump: Clinical Presentation and Management Decisions**
  - **M.B. Jayanna, C. Inampudi, R. Kafa, J.L. Franzwa, V. Cotarlan, J.K. Bhama, K. Light-McGroary**
  - University of Iowa Carver College of Medicine, Iowa City, IA, USA

- **Triple Chamber Myxoma (Biatrial and Right Ventricular) in a 17 Year Old Male**
  - De La Salle University Medical Center, Dasmariñas City, Cavite, Philippines
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<td>MEDIASTINAL HEMATOMA CAUSING SYNCOPE: AN EXTRA-PERICARDIAL CULPRIT FOR TAMponade</td>
<td>358</td>
<td>S.M. Dhannoon, A.A. Alsaad</td>
<td>University of Central Florida, Orlando, Florida, USA</td>
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<td>INTRAOPERATIVE GRAFT VERIFICATION IN CORONARY SURGERY: WHY, WHEN AND HOW SHOULD WE VERIFY CORONARY ARTERY BYPASS GRAFTS</td>
<td>359</td>
<td>G. Di Giammarco, D. Marinelli, M. Foschi, M. Di Mauro, M. Di Natale</td>
<td>University “G.D’Annunzio”, Chieti, Italy</td>
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MONDAY, AUGUST 1, 2016

08:30 – 11:00 Hall A

PL14  Plenary Session
EVALUATION AND TREATMENT OF CHRONIC AND ACUTE CORONARY ARTERY DISEASE

Chairs:  U. Thadani, Oklahoma City, OK, USA
         G.W. Vetrovec, Richmond, VA, USA

Abstract No.  360

08:30  EVIDENCE FOR BENEFITS FOR CHRONIC TOTAL OCCLUSION INTERVENTIONS IN 2016 (Invited Lecture)
       R. Sachdeva, Grady Memorial Hospital, Atlanta, GA, USA

08:45  PREVENTION OF ACUTE MI BY AGGRESSIVE APPROACH TO TREAT UNSTABLE ANGINA (Invited Lecture)
       Y. Ueda, Osaka National Hospital, Osaka, Japan

09:00  OPTIMUM TREATMENT OF ANGINA PECTORIS SHOULD TAKE INTO CONSIDERATION PATIENTS’ CIRCULATORY STATUS AND THE PRESENCE OF ASSOCIATED COMORBIDITIES IN THE YEAR 2016 (Invited Lecture)
       U. Thadani
       OU Medical Center and VA Medical Center, Oklahoma City, Oklahoma, USA

09:15  CONTROVERSIES IN ANTIPLATELET AND ANTICOAGULANT THERAPY (Invited Lecture)
       D.L. Bhatt
       Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

09:30  THE ROLE OF HEMODYNAMIC SUPPORT IN THE MANAGEMENT OF AMI WITH SHOCK (Invited Lecture)
       G.W. Vetrovec, VCU Medical Center Richmond, Virginia USA

09:45  DELIRIUM IN THE INTENSIVE CARE UNIT: MORE THAN A NUISANCE (Invited Lecture)
       G.W. Barsness, Mayo Clinic, Rochester, MN, USA

10:00  UPDATE ON CONTRAST REMOVAL FROM CORONARY SINUS DURING CORONARY ANGIOGRAPHY OR INTERVENTION FOR PREVENTION OF CONTRAST INDUCED NEPHROPATHY (Invited Lecture)
       M.R. Movahed
       CareMore, Tucson, Arizona, University of Arizona College of Medicine, USA

10:15  TRANSULNAR INTERVENTIONS (Invited Lecture)
       E. Kaluski, M. Singh, S. Sattur, Guthrie Health System, PA, USA

10:30  CARDIORENAL DISEASE: HOW TO MANAGE ISCHEMIA IN PATIENTS WITH SEVERE CKD? (Invited Lecture)
       M.S. Sidhu, Albany Stratton VAMC and Albany Medical Center, Albany, NY, USA

10:45  HIGH-SENSITIVITY ASSAY FOR CADIAC TROPONIN: NOVEL TOOLS FOR RISK PREDICTION IN AMBULATORY PATIENTS (Invited Lecture)
       B.M. Everett, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, AUGUST 1, 2016

08:30 – 10:45 Hall B

**PL15 Plenary Session**

**MECHANISMS CONTRIBUTING TO HEART FAILURE DEVELOPMENT AND PROGRESSION**

Chairs: [F. Gao](#), Xi’an, Shaanxi, China  
[B.I. Jugdutt](#), Edmonton, Alberta, Canada

---

**08:30** IMPACT OF EXERCISE CAPACITY FOR RIGHT AND LEFT HEART FAILURE  
**Abstract No.** 370

A. Hirashiki, T. Kondo, A. Shimizu, T. Murohara  
Nagoya University Graduate School of Medicine, Nagoya, Japan

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**08:45** CARDIOVASCULAR EFFECTS OF CARFILZOMIB, A NEW PROTEASOME INHIBITOR, ON CORONARY ARTERY RESISTANCE, VASCULAR TONE AND VASCULAR REACTIVITY  
**Invited Lecture**  
T.M. Scarabelli, The University of Alabama at Birmingham, Birmingham, AL, USA

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**09:00** AGING AND HEART FAILURE 2016. UPDATE  
**Invited Lecture**  
B.I. Jugdutt, University of Alberta, Edmonton, Alberta, Canada

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**09:15** DIABETES AND HEART FAILURE: AN INFLAMMATORY PERSPECTIVE  
**Invited Lecture**  
M. White  
Montreal Heart Institute and Universite de Montreal, Montreal, Quebec, Canada

---

**09:30** MYOCARDIAL INSULIN SIGNALING IN ISCHEMIC HEART FAILURE  
**Invited Lecture**  
X. Qin, J. Xu, X. Zhang, [F. Gao](#)  
Fourth Military Medical University, Xi’an, Shaanxi, China

---

**09:45** HEMODYNAMIC ADAPTATION TO EXERCISE IN HYPERTROPHIC CARDIOMYOPATHY  
**Invited Lecture**  
Q. Ciampi, C. Viola, B. Villari, Fatebenefratelli Hospital, Bevenento, Italy

---

**10:00** PREVENTION OF LV DIASTOLIC DYSFUNCTION AND ATRIOMEGALY IN THE AGING POPULATION  
**Invited Lecture**  
H.K. Reddy, R. KomatiReddy, Heart and Vascular Institute of Southern Missouri, USA

---

**10:15** CAN GDF-15 BE USED AS A BIOMARKER IN DILATED CARDIOMYOPATHY  
**Invited Lecture**  
N. Nair, Texas Tech HSC, Lubbock, TX, USA

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**10:30** CLINICAL UNDERSTANDING OF INFLAMMATION, INDUCING THROMBOSIS, RESPIRATORY IMPAIRMENT, MYOCARDIAL CELL APOPTOSIS AND REMODELLING, ANAEMIA AND RENAL DYSFUNCTION IN PATIENTS WITH PULMONARY AND COINCIDENT CARDIAC DYSFUNCTION  
**Invited Lecture**  
I. Angomachalelis, S. Tryfon, G. Kyriazis, [N. Angomachalelis](#)  
Aristotle University of Thessaloniki, “G. Papanickolaou” General Hospital, Thessaloniki, Macedonia, Greece

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**10:45** COFFEE BREAK, VISIT POSTERS AND EXHIBITION
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<td>STATINS REPRESS THE OXLDL-INDUCED HUMAN DENDRITIC CELL MATURATION AND SUBSEQUENT T CELL PROLIFERATION</td>
<td>A. Liu, Y. Zhang, J. Sun, J. Frostegard Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden</td>
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<td>RENAL ARTERY DENERVATION IN KAZAKHSTAN: IMPACT OF ETHNICITY AND AGE</td>
<td>A.A. Mussayev, M.A. Aripov, S.A. Alimbayev, M.A. Temirkulov, E.B. Otarbaev, A.Y. Goncharov, G.K. Zhusupova, Y.V. Pya National Research Cardiac Surgery Center, Astana, Kazakhstan</td>
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<td>CENTRAL OBESITY: AN INDEPENDENT ROLE OR SYNERGISTIC EFFECT TO METABOLIC SYNDROME ON LEFT VENTRICULAR FUNCTION (SYSTOLIC VS DIASTOLIC)?</td>
<td>F.F. Salim, S.W. Bakhoum, Z.A. Ashour, D.R. Elremisy Kasr Al-Ainy Hospital. Cardiology Department, Cairo University, Egypt</td>
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<td>PEROXIREDOXIN1 PROTECTS MACROPHAGES FROM IMPAIRED LIPOPHAGIC FLUX BY OXIDATIVE STRESS IN ATHEROSCLEROSIS</td>
<td>G.T Oh, S.-J Jeong, S Kim Ewha Womans University, Seoul, South Korea</td>
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<td>EFFECT OF STATINS ON HIGH SENSITIVITY C-REACTIVE PROTEIN LEVELS IN SYSTEMIC LUPUS ERYTHEMATOSUS – A META-ANALYSIS</td>
<td>P. Tantrachoti, S. Klomjit, A. Karukote, P. Chariyawong, J. Teerakanok, K. Nugent Texas Tech University Health Sciences Center, Lubbock, TX, USA</td>
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10:30  A STUDY OF THE CONFOUNDING RELATIONSHIP OF FOOD, ALCOHOL, COFFEE AND CIGARETTE CONSUMPTION ON SUBSEQUENT BLOOD PRESSURE READINGS IN AMERICAN POPULATION

R.U. Mian
The Wright Center for Graduate Medical Education, Scranton, PA, USA

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, AUGUST 1, 2016

11:15 – 13:45 Hall A

Plenary Session
CARDIOVASCULAR DISEASE RISK ASSESSMENT AND PREVENTION: ALL YOU NEED TO KNOW

Chairs:  
A.L. Klatsky, Oakland, CA, USA  
R. Manfredini, Ferrara, Italy

Abstract No.

11:15 ‘LARK’ AND ‘OWLS’: GENDER, AND CARDIOVASCULAR HEALTH  
(Invited Lecture)  
R. Manfredini, B. Zucchi, A. De Giorgi, F. Fabbian, F. Signani, A. Storari, R. Salmi  
University of Ferrara, Ferrara, Italy

11:30 EDUCATION AND MORTALITY: IS A COLLEGE DEGREE UNIVERSALLY PROTECTIVE?  
(Invited Lecture)  
A.L. Klatsky, H.N. Tran  
Kaiser Permanente Division of Research, Oakland, CA, USA

11:45 SECONDARY PREVENTION OF CARDIOVASCULAR EVENTS  
(Invited Lecture)  
S. Mora  
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

12:00 BIOMARKERS OF THE FUTURE: METABOLIC PREDICTORS OF CARDIOMETABOLIC DISEASE  
(Invited Lecture)  
S. Cheng  
Brigham and Women’s Hospital, Boston, and Framingham Heart Study, Framingham, MA, USA

12:15 INTEGRATIVE MEDICINE APPROACHES TO PREVENTING HEART DISEASE  
(Invited Lecture)  
S. Malik  
University of California, Irvine, Orange, CA, USA

12:30 HOLISTIC HEART HEALTH: INCREASING INTEREST, SCOPE & SIGNIFICANCE  
(Invited Lecture)  
A. Chockalingam  
University of Missouri - Columbia, Harry S. Truman Memorial Veterans’ Hospital, Columbia, MO, USA

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

13:00 COCOA FLAVANOLS FOR PREVENTION OF DIABETES  
(Invited Lecture)  
L. Wang  
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

13:15 ROLE OF CVD RISK ASSESSMENT IN COPD  
(Invited Lecture)  
University of California, Irvine, Irvine, CA, USA

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### PL16 Plenary Session

**CARDIOVASCULAR DISEASE RISK ASSESSMENT AND PREVENTION: ALL YOU NEED TO KNOW**  
(cont.)

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<td>SERUM MAGNESIUM AND MORTALITY IN THE US GENERAL POPULATION: RESULTS FROM THE NHANES I EPIDEMIOLOGIC FOLLOW-UP STUDY</td>
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<td>X. Zhang, J. Xia, L.C. Del Gobbo, A. Hruby, K. He, Q. Dai, Y. Song</td>
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<td>Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, USA</td>
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### S35 VALVULAR HEART DISEASE MECHANISMS AND TREATMENT OPTIONS

**Chairs:**  
R. Sachdeva, Atlanta, GA, USA  
J. Shirani, Bethlehem, PA, USA

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<td>V. Sharma, S.V. Deo, S.E. Altarabsheh, Y.H. Cho, P.J. Erwin, S.J. Park</td>
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<td>University of Utah, Salt Lake City, UT, USA</td>
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<td>11:30</td>
<td>CLINICAL OUTCOMES OF TRANSCATHETER AORTIC VALVE REPLACEMENT IN PATIENTS OLDER THAN 85: A SINGLE-CENTER EXPERIENCE</td>
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<td>University of Minnesota Medical Center, MN, USA</td>
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<td>Morehouse School of Medicine, Atlanta, GA, USA</td>
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<td>12:00</td>
<td>PERATRIAL DEVICE CLOSURE OF DIFFERENT LOCATIONS OF MITRAL PARAVALVULAR LEAKS USING A PROBE-ASSISTED DELIVERY SYSTEM</td>
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<td>L. Hongxin, G. Wenbin, H-Z. Zhang, F. Liang, G. Zhang</td>
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<td>Shandong Provincial Hospital Affiliated to Shandong University, China</td>
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<td>DO FASCICULAR BLOCKS CAUSE MITRAL REGURGITATION?</td>
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<td>Einstein Medical Center, Philadelphia, PA, USA</td>
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MONDAY, AUGUST 1, 2016

11:15 – 13:30 Hall B

S35 VALVULAR HEART DISEASE MECHANISMS AND TREATMENT OPTIONS (cont.)

Abstract No.

12:30 AORTIC VALVE REPLACEMENT IN SINGLE CORONARY ARTERY
A. Sinha, R. Kumar, J. Shirani
St. Lukes’ University Health Network, Bethlehem, PA, USA

12:45 SPONTANEOUS LEFT ATRIAL DISSECTION CAUSED BY MITRAL VALVE ENDOCARDITIS
H. Vefali, M. Durkin, A. Singh, S. Agrawal, S. Longo, M. Averbach, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA

13:00 MASSIVE THROMBOSIS OF STRUCTURALLY NORMAL MITRAL VALVE IN PRIMARY ANTI-PHOSPHOLIPID ANTIBODY SYNDROME
St. Luke’s University Health Network, Bethlehem, PA, USA

13:15 A TALE OF TWO OUTCOMES: PSEUDOANEURYSM OF THE MITRAL-AORTIC INTERVALVULAR FIBROSA; A RARE AND DANGEROUS CONDITION
K.A. Samtani, R.J. Bohinc, V.S. Tivakaran, J.B. Gibson
Wright State University, Dayton, OH, USA
MONDAY, AUGUST 1, 2016

11:15 – 13:45 Hall C

S36 HEART FAILURE: NOVEL RISK FACTORS, PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOME

Chairs: L. Djousse, Boston, MA, USA
A. Kazory, Gainesville, FL, USA

11:15 NO DIFFERENCE IN SODIUM REMOVAL WITH ULTRAFILTRATION THERAPY VERSUS CONVENTIONAL DIURETIC THERAPY IN PATIENTS WITH ACUTE HEART FAILURE
A. Koratala, S.I. Qadri, A. Kazory
University of Florida, Gainesville, Florida, USA

11:30 EFFICACY AND SURVIVAL IN PATIENTS WITH CARDIAC CONTRACTILITY MODULATION: LONG-TERM SINGLE CENTER EXPERIENCE IN 81 PATIENTS
J. Kuschyk, S. Roeger, B. Rudic, K. Stach, C. Weiss, T. Papavassiliu, B. Rousso, D. Burkhoff, M. Borggrefe
University Medical Centre, I. Medical Department, Mannheim, Germany

11:45 ULTRAFILTRATION VS PHARMACOLOGICAL DIURESIS IN HEART FAILURE: A META-ANALYSIS
N. Agrawal, A. Jain, A. Kazory
University of Florida, Gainesville, FL, USA

12:00 HEART FAILURE CARE PATHWAY: STANDARDIZING CARE TO IMPROVE OUTCOMES
S. Agarwal, G. Cherukuri, R. Dhaliwal, N. Agarwal, J. Lansburg
Biltmore Cardiology, Phoenix, AZ, USA

12:15 RACIAL DIFFERENCES IN CLINICAL CHARACTERISTICS OF HEART FAILURE WITH PRESERVED EJECTION FRACTION
Boston VA Healthcare System, Boston, MA, USA

12:30 RISK FACTORS ASSOCIATED WITH DIAGNOSTIC DISCREPANCY FOR LEFT VENTRICULAR HYPERTROPHY BETWEEN ELECTROCARDIOGRAPHY AND ECHOCARDIOGRAPHY
Odense University Hospital, Odense, Denmark

12:45 ECHOCARDIOGRAPHIC PREDICTORS OF HEART FAILURE IN HYPERTENSIVE CARDIOMYOPATHY
A. Bhullar, M. Bhullar, M. Singh, K. Muhyieddeen, B. Khatri, R. Ferdman, A. Najafi, C. Katikireddy
UCSF Fresno Medical Education Program, Fresno, CA, USA

Abstract No.
13:00  THE EFFECT OF MATERNAL OBESITY ON THE EXPRESSION AND FUNCTIONALITY OF PLACENTAL P-GLYCOPROTEIN: IMPLICATIONS IN THE INDIVIDUALIZED TRANSPLACENTAL DIGOXIN TREATMENT FOR FETAL HEART FAILURE
C. Wang, K.Y. Zhou, H.Y. Li, Y.F. Li, Y. Zhang, Y.M. Hua
West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China

13:15  UTILITY OF THE LACE INDEX AT THE BEDSIDE IN PREDICTING 30-DAY READMISSION OR DEATH IN PATIENTS HOSPITALIZED WITH HEART FAILURE
P. Yazdan-Ashoori, S. Lee, Q. Ibrahim, H.G.C. Van Spall
McMaster University, Hamilton, Canada

13:30  MIXED TREATMENT ANALYSIS OF Tolvaptan, Ultrafiltration AND LOOP DIURETICS IN THE MANAGEMENT OF ACUTE CONGESTIVE HEART FAILURE
S. Dayanand, J.M. Martinez, R. Chait
University of Central Florida, Kissimme, FL, USA
### P501 MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

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<td>IMPLICATION OF MIR-1 AND MIR-144 IN INTRALIPID-INDUCED CARDIOPROTECTION AGAINST ISCHEMIA/REPERFUSION INJURY</td>
<td>N. Motayagheni, S. Sharma, J. Li, M. Eghbali</td>
<td>UCLA, Los Angeles, CA, USA</td>
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<td>REVERSAL OF XYLAZINE-INDUCED BRADYCARDIA WITH INTRALIPID</td>
<td>N. Motayagheni, M. Eghbali</td>
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<td>S. Kagota, K. Maruyama, K. Shinozuka</td>
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<td>University of Sao Paulo, Ribeirao Preto, SP, Brazil</td>
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<td>REGULATION OF REDOX-HOMEOSTASIS BY METABOLIC DRUG ELTACIN IN THERAPY OF AGING PATIENTS WITH ISCHEMIC HEART DISEASE</td>
<td>E.V. Kalinina, R.M. Zaslavskaya, Y.R. Nartsissov</td>
<td>People’s Friendship University of Russia, Moscow, Russia</td>
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<td>M. Ismail, A. Rungatscher, M.A. Gebrie, G.B. Luciani, I. Cristobo, S. Notararigo, C. Chen-Scarabelli, T. Scarabelli, G. Faggian</td>
<td>University of Verona, Italy</td>
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<td>SUBTY PE-SPECIFIC PROMOTER-DRIVEN ACTION POTENTIAL IMAGING FOR PRECISE DISEASE MODELING AND DRUG TESTING IN HIPSC-DERIVED CARDIOMYOCYTES</td>
<td>Z. Chen, W. Xian, M. Bellin, T. Dorn, Q. Tian, C.L. Mummery, P. Lipp, A. Moretti, D. Sinnecker, K.L. Laugwitz</td>
<td>Technical University of Munich, Munich, Germany</td>
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P502  ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES

Board No. Abstract No.

8  LOW SERUM HIGH DENSITY LIPOPROTEIN CHOLESTEROL LEVEL AND LOW BODY MASS INDEX ARE ASSOCIATED WITH CONTRAST-INDUCED ACUTE KIDNEY INJURY IN PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR MYOCARDIAL INFARCTION
B.M. Choi, Y.O. Kim, H.W. Kim
The Catholic University, Seoul, Korea

9  DEFINITIVE ACUTE STENT THROMBOSIS IN A PATIENT WITH NON-ST ELEVATION MYOCARDIAL INFARCTION
S. Zamin, G. Wilson, K. Suarez, K. Slicker
Baylor Scott & White Health/Texas A&M College of Medicine, TX, USA

10 WELLENS’ SYNDROME REVISED
S. Oo, K. Khalighi, C. May, T.T. Aung
Easton Hospital, Easton, PA, USA

11 DIFFUSE MULTIVESSEL CORONARY ARTERY SPASM (CAS) INDUCED BY GUIDEWIRE INSERTION LEADING TO CARDIAC ARREST: A CASE REPORT
B.T. Yeneneh, B. Louka, E. Yang, D. Fortuin
Mayo Clinic, Arizona, USA

12 ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION AND FACTORS ASSOCIATED WITH STENT CHOICE
J.D. Nunez Breton, J.C. Duque Ballesteros, C.A. Gomez, C. Rueda Rios, J.P. Zambrano, C.E. Mendoza, A. Ferreira
Jackson Memorial Hospital, Miami, FL, USA

13 METHYLENEDIOXYMETHAMPHETAMINE (MDMA) INDUCED SPONTANOUS CORONARY ARTERY DISSECTION
F. Benn, A. Afzal, B. Subedi, M. Majumder,
New York Methodist Hospital, Weill Cornell Affiliate, Brooklyn, NY, USA

14 ECTATIC CORONARY VESSELS WITH MULTIPLE GIANT ANEURYSMS
K. Tan, F. Kho, I. Syed
Khoo Teck Puat Hospital, Singapore

15 DECADE LONG TRENDS (2001-2011) IN THE USE OF EVIDENCE BASED MEDICAL THERAPIES AT THE TIME OF HOSPITAL DISCHARGE FOR PATIENTS SURVIVING ACUTE MYOCARDIAL INFARCTION: A POPULATION BASED PERSPECTIVE
Department of Quantitative Health Sciences University of Massachusetts Medical School Worcester, MA, USA
## P503  LIPIDS, OBESITY, METABOLIC SYNDROME AND DIABETES

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<td>DIABETES AND ISCHEMIC HEART DISEASE DEATH IN PEOPLE AGE 25-54: A MULTIPLE-CAUSE-OF-DEATH ANALYSIS BASED ON OVER 400 000 DEATHS FROM 1990 TO 2008 IN NEW YORK CITY</td>
<td>A.M. Quinones, I. Lobach, G.A. Maduro, N.R. Smilowitz, H.R. Reynolds</td>
<td>NYU Langone Medical Center, New York, NY, USA</td>
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<td>SERUM MAGNESIUM AND IMPAIRED FASTING GLUCOSE IN NON-DIABETIC ADULTS</td>
<td>L.C. Del Gobbo, X. Zhang, L. Wang, H.D. Sesso, J.E. Manson, A. Pradhan, Y. Song</td>
<td>Division of Cardiovascular Medicine, Stanford University, Stanford, CA, USA</td>
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<td>HYPOLIPIDEMIC EFFECT OF MANNAN IN ACUTE LIPEMIA IN MICE INDUCED BY POLOXAMER 407</td>
<td>N.V. Goncharova, M.V. Khrapova, A.P. Lykov, E. Korolenko, Z. Nescakova, T.A. Korolenko</td>
<td>Institute of Physiology and Fundamental Medicine, Novosibirsk, Russia</td>
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MONDAY, AUGUST 1, 2016

08:00 – 13:00

**P504 HYPERTENSION**

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<td><strong>LIFE-STYLE CHARACTERISTICS AND CARDIOVASCULAR DISEASES IN TOUR MANAGERS</strong>&lt;br&gt;Y-C Tseng, F-Y Lan, H-R Guo&lt;br&gt;Chang Jung Christian University, National Cheng Kung University, Taiwan</td>
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**P505 VALVULAR HEART DISEASE**

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