FRIDAY, JULY 27, 2018

09:00 – 10:30  Hall A

OC: OPENING CEREMONY

Chair: John A. Elefteriades, USA

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

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

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

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

Wilbert S. Aronow, USA
Member, Scientific Executive Committee
Chair, Section of Hypertension
International Academy of Cardiology

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

PRESENTATION OF 2018 AWARDS
John A. Elefteriades, USA
09:55 – 10:30  

**OL: Opening Lecture**  
**TWELFTH H.J.C. SWAN MEMORIAL LECTURE**

Chair: **J.D. Marsh**, Little Rock, AR, USA

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09:55  
**INTRODUCTION**

**J.D. Marsh**, Little Rock, AR, USA

10:00  
**Evolving Landscape of Antithrombotic Therapy for Atherosclerosis**

(Invited Lecture)

**D.I. Bhatt**, Brigham and Women's Hospital, Boston, MA, USA

10:30  
**Coffee Break, Visit Posters and Exhibition**

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11:00 – 12:45

**PL01 Plenary Session**  
**Cellular and Molecular Biology Targets for Clinical Care in Cardiovascular Disease**

Chairs: **T. Malinski**, Athens, OH, USA  
**J. Robbins**, Cincinnati, OH, USA

11:00  
**Nanomedical Studies of Endothelial Aging in the Cardiovascular System** (Invited Lecture)

**T. Malinski**, H. Dawoud, M. Osama  
University, Athens, OH, USA

11:15  
**Proteotoxicity and Cardiac Disease** (Invited Lecture)

**J. Robbins**  
Cincinnati Children’s Hospital/Univ. Cincinnati, Cincinnati, OH, USA

11:30  
**Molecular Mechanisms Underlying the Anti-Atherogenic Actions of Nutraceuticals** (Invited Lecture)

**J.W.E. Moss, J.O. Williams, H. Gallagher, W. Al-Ahmadi, A. Ismail, V. O’Morain, D.P. Ramji**
Plenary Session

CELLULAR AND MOLECULAR BIOLOGY TARGETS FOR CLINICAL CARE IN CARDIOVASCULAR DISEASE (continued)

11:45  
PDE5 INHIBITION WITH SILDENAFIL ATTENUATES ALCOHOL-INDUCED CARDIAC DYSFUNCTION IN OBESE DIABETIC MICE: ROLE OF MicroRNA 21 (Invited Lecture)
R.C. Kukreja, A. Samidurai, L. Xi, F. Salloum, A. Das
Virginia Commonwealth University, Richmond, VA, USA

12:00  
T3 VERSUS METOPROLOL TREATMENT OF RATS WITH MYOCARDIAL INFARCTION - AND THE WINNER IS?  (Invited Lecture)
A.M. Gerdes, K. Zhang, Y. Zhang, K. Ojamaa, Y.-D. Tang
New York Institute of Technology, Old Westbury, NY, USA

12:15  
CARDIAC TARGETING PEPTIDE; A NOVEL CARDIAC TARGETING PROTEIN TRANSDUCTION DOMAIN (Invited Lecture)
M. Zahid
University of Pittsburgh, Pittsburgh, PA, USA

12:30  
ANTIBODIES TO MALONDIALDEHYDE-ACETALDEHYDE (MAA) PROTEIN ADDUCT AS A BIOMARKER FOR CARDIOVASCULAR MANIFESTATIONS IN SYSTEMIC LUPUS ERYTHEMATOSUS (Invited Lecture)
University of Nebraska Medical Center, Omaha, NE, USA

12:45  
LUNCH BREAK, VISIT POSTERS AND EXHIBITION
FRIDAY, JULY 27, 2018

11:00 – 13:00

PL02 Plenary Session
INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING

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

11:00 CALCIUM SCORING - WHERE DO WE STAND IN 2018? (Invited Lecture) 009
J.J. Mahmarian
Weill Cornell Medical College, Houston Methodist Hospital, Houston, TX, USA

11:15 BEYOND STENOSIS: PLAQUE AND ISCHEMIA ASSESSMENTS BY CORONARY CTA (Invited Lecture) 010
D.S. Berman, Y. Otaki, J. Friedman, S. Hayes, L. Thomson, E. Eisenberg, A. Rozanski, P. Sloomka, D. Dey, B.K. Tamarappoo
Cedars-Sinai Medical Center, Los Angeles, CA, USA

11:30 NEXT GENERATION INTRAVASCULAR COMPOSITIONAL IMAGING ASSESSMENT OF THE HIGH-RISK PLAQUE (Invited Lecture) 011
J.W. Kim
Korea University Guro Hospital, Seoul, Republic of Korea

11:45 NOVEL ULTRASOUND IMAGING STRATEGIES FOR ISCHEMIC HEART DISEASE (Invited Lecture) 012
J.M. Gardin
Rutgers New Jersey Medical School, Newark, NJ, USA

12:00 OPTICAL COHERENCE TOMOGRAPHY FOR THE DETECTION OF VULNERABLE PLAQUE (Invited Lecture) 013
T. Kubo
Wakayama Medical University, Wakayama, Japan

12:15 ADVANCES IN MYOCARDIAL RECEPTOR IMAGING WITH PET: THE ANGIOTENSIN AND ENDOCANNABINOID SYSTEM (Invited Lecture) 014
T.H. Schindler, I. Valenta, P. Pacher
Washington University, Saint Louis, MO, USA

12:30 STRENGTHS AND WEAKNESSES OF EXERCISE ECHOCARDIOGRAPHY (Invited Lecture) 015
M. Prokudina
International Heart Center, St. Petersburg, Russian Federation

12:45 A FRAMEWORK FOR WEARABLE TECHNOLOGIES IN CARDIOLOGY (Invited Lecture) 016
I. Kedan
Cedars Sinai Smidt Heart Institute, Beverly Hills, CA, USA

13:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
Plenary Session
MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2018: HOW CAN WE DO BETTER?

Chairs: R.C. Bourge, Birmingham, AL, USA
       H.N. Sabbah, Detroit, MI, USA

11:00  MYOCARDIAL INTERSTITIAL FIBROSIS IN HEART FAILURE: BEYOND VENTRICULAR STIFFNESS (Invited Lecture)
       H.N. Sabbah
       Henry Ford Hospital, Detroit, MI, USA

11:15  EFFECT OF INSTITUTIONAL EXPERIENCE ON OUTCOMES OF ALCOHOL SEPTAL ABLATION FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY (Invited Lecture)
       Charles University, University Hospital Motol, Prague, Czech Republic

11:30  PULMONARY HYPERTENSION - HAVE WE GONE FROM A DEATH SENTENCE TO A “FORGETTABLE DISEASE” FOR MANY IN 30 YEARS? (Invited Lecture)
       R.C. Bourge
       The University of Alabama at Birmingham, Birmingham, AL, USA

11:45  CLEARING OF ß2,RECEPTOR AUTOANTIBODIES FROM THE BLOOD: A USEFUL TREATMENT OPTION FOR IDIOPATHIC DILATED CARDIOMYOPATHY (Invited Lecture)
       M. Dandel
       Deutsches Herzzentrum Berlin, Berlin, Germany

12:00  A NEW APPROACH TO HEART VALVE DISEASE: INTERVENTION OR PREVENTION? (Invited Lecture)
       R. Levine
       Massachusetts General Hospital, Boston, MA, USA

12:15  THE ROLE OF LEFT ATRIAL STRAIN IN HEART FAILURE (Invited Lecture)
       B. Hoit
       University Hospitals Cleveland Medical Center, Cleveland, OH, USA

12:30  FAMILIAL MITOCHONDRIAL CARDIOMYOPATHY (Invited Lecture)
       A. Lober, R. Tal
       Rambam Medical Center, Haifa, Israel
### PL03  Plenary Session

**MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2018: HOW CAN WE DO BETTER? (continued)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Abstract No.</th>
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| 12:45 | THERAPEUTIC EFFECT OF IMMUNOADSORPTION IN PATIENTS WITH INFLAMMATORY CARDIOMYOPATHY: RESULTS FROM THE PROSPECTIVE BAD BERKA REGISTRY (Invited Lecture)  
**M.-A. Ohlow**, M. Schreiber  
Zentralklinik, Bad Berka, Germany | 024          |
| 13:00 | HFpEF AS A SYSTEMIC DISEASE - WHAT CAN WE LEARN FROM CARDIOPULMONARY EXERCISE TESTING? (Invited Lecture)  
**J. Ho**  
Massachusetts General Hospital, Boston, MA, USA | 025          |
| 13:15 | CARDIAC REHABILITATION AND ITS EFFECTS ON COGNITION IN SUBJECTS WITH CORONARY ARTERY DISEASE AND HEART FAILURE (Invited Lecture)  
**K. Alagiakrishnan**  
University of Alberta, Edmonton, AB, Canada | 026          |
<p>| 13:30 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION                              |              |</p>
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<th>Board No.</th>
<th>Abstract No.</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
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<tr>
<td>1</td>
<td>027</td>
<td>CARDIOVASCULAR BENEFITS OF DIURETIC-BASED THERAPIES COMBINED WITH SIMVASTATIN IN HIGH-RISK HYPERTENSIVE PATIENTS WITH A HIGH-NORMAL LEVEL OF TOTAL CHOLESTEROL</td>
<td>P.P. Lu, L.H. Ma, L.Y. Ma, A.H. Hu, X.L. Zhou, W. Wang, L.S. Liu</td>
<td>Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China</td>
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<tr>
<td>2</td>
<td>028</td>
<td>PHENYTOIN INHIBITS THE EXPRESSION OF CARDIAC CAV1.2 CHANNELS VIA DISRUPTING SYNTHESIS AND TRAFFICKING</td>
<td>D. Han, P. Liu, X. Sun, Y. Liu, J. Sun</td>
<td>The First Affiliated Hospital of Xian Jiaotong University, Xi’an, China</td>
</tr>
<tr>
<td>4</td>
<td>030</td>
<td>EFFECTS OF STATIN USE ON ADVERSE OUTCOMES IN PATIENTS WITH ATRIAL FIBRILLATION</td>
<td>S. Wu, Y.M. Yang</td>
<td>National Center for Cardiovascular Diseases, Fuwai Hospital, Beijing, China</td>
</tr>
<tr>
<td>6</td>
<td>032</td>
<td>A CASE REPORT OF HEART FAILURE WITH PRESERVED EJECTION FRACTION DURING ATRIAL FIBRILLATION TREATMENT WITH PILSICAINIDE</td>
<td>T.J. Matsubara, K. Fujii, S. Ohnishi, M. Yamasaki</td>
<td>University of Tokyo, Tokyo, Japan</td>
</tr>
</tbody>
</table>
P102 CONGENITAL HEART DISEASE AND PEDIATRIC CARDIOLOGY

08:00 – 13:00

08:00

P102 033

DETERMINATION OF RIGHT VENTRICULAR FUNCTION BY SYSTOLIC TO DIASTOLIC DURATION RATIO IN TETRALOGY OF FALLOT

A. I. Arndt, K.W. Holmes
Oregon Health and Science University, Portland, OR, USA

08:08

P102 034

IDIOPATHIC PERICARDIAL EFFUSION AND CARDIAC TAMPOANDE IN CHILDREN WITH TRISOMY 21

C.B. Johnson, A. Qasim, M.A. Aly, A.M. Aly
University of Texas Medical Branch, Galveston, TX, USA

08:16

P102 035

ISOLATED FAMILIAL RIGHT VENTRICULAR HYPOPLASIA

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

08:24

P102 036

FETAL DIAGNOSIS AND NEONATAL PALLIATION OF ABSENT AORTIC VALVE WITH HYPOPLASTIC LEFT HEART SYNDROME

A. Qasim, C.B. Johnson, M.A. Aly, A.M. Aly
University of Texas Medical Branch, Galveston, TX, USA

08:32

P102 037

DESPITE THE ODDS

A. Addoumiah, M. Abdallah, D. Majdalany
Cleveland Clinic, Cleveland, OH, USA

08:40

P102 038

UNROOFED CORONARY SINUS AND PERSISTENT LEFT SUPERIOR VENA CAVA: LATE ONSET SYMPTOMS POST-SURGICAL CORRECTION

B. Gheyath, G. Pettersson, D. Majdalany
Cleveland Clinic Foundation, Cleveland, OH, USA

08:48

P102 039

MULTIMODALITY IMAGING OF ANOMALOUS RIGHT CORONARY ARTERY WITH INTERARTERIAL COURSE FOUND DURING A NON ST ELEVATION MYOCARDIAL INFARCTION

M. Bintvihok, J. Aoun, M. Almeqdati, M. Afari, A. Davidoff, L. Tsao
St. Elizabeth’s Medical Center, Boston, MA, USA

09:06

P102 040

COMPARISON OF ECHOCARDIOGRAPHIC CRITERIA FOR DIAGNOSING LEFT VENTRICULAR NONCOMPACION IN PATIENTS WITH CLINICAL CARDIOMYOPATHY

G. Hackett, F. Munir, R. Tunks, T. Chin
Penn State Health Children’s Hospital, Hershey, PA, USA
P103 TRANSCATHETER THERAPY FOR STRUCTURAL HEART DISEASE

Board No Abstract No.

15 PERMANENT PACEMAKER (PPM) INSERTION IN PATIENTS WITH CONDUCTION ABNORMALITIES POST TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR): A REVIEW AND PROPOSED GUIDELINES

A.S. Nanda, T. Bob-Manuel, V. Chinta, A. Sharma, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam
University of Tennessee, Memphis, TN, USA

16 SMOKER’S PARADOX: THE IMPACT OF SMOKING IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR).

A.S. Nanda, M. Agarwal, A. Sharma, V. Chinta, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam
University of Tennessee, Memphis, TN, USA

17 EFFECTS OF SMOKING ON ECHOCARDIOGRAPHIC AND CLINICAL OUTCOMES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

A. Mehlman, A. Radhakrishnan, I. Sunjic, C. Bitetzaikis, E. Sadic, A. Bhandari, F. Alvarado, A. Chen, A. Patel, Y. Lu
University of South Florida, Tampa, FL, USA

18 ASSESSMENT OF IMPACT OF PREPROCEDURAL PULMONARY HYPERTENSION TO THE CLINICAL OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT; A SINGLE CENTER EXPERIENCE

M. Farhood, S. Banga, C. Bhardwaj
OSF SFMC, Peoria, IL, USA

19 INTERMEDIATE-TERM PACEMAKER DEPENDENCY FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT

E. Choi, J. Lee, A. Karnik, K. Lee, V. Kumar, H. Chaudry, S.X. Li, T.B. Curran, B.W. Andrus, J.T. DeVries
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

20 IMPACT OF TRANSCATHETER AORTIC VALVE REPLACEMENT ON SHORT AND LONG-TERM KIDNEY FUNCTION

J. Aoun, C. Zahm, T. Bhat, S. Lahsaei, J.P. Carrozza
Saint Elizabeth’s Medical Center, Brighton, MA, USA

21 THE SAFETY AND FEASIBILITY OF A NOVEL CLOSURE TECHNIQUE IN TRANSCATHETER AORTIC VALVE REPLACEMENT

G.A. Medranda, R. Schwartz, S. Green
NYU Winthrop Hospital, Mineola, NY, USA
P104 CARDIAC SURGERY AND MECHANICAL CIRCULATORY SUPPORT

22 REVERSE-U-AORTOTOMY (KIRALI INCISION) IS SAFE FOR AORTIC VALVE REPLACEMENT
   O. Altas, T. Ozer, M. Ozgur, S. Sarikaya, K. Kirali
   Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

23 INTRA-AORTIC BALLOON PUMP IS ASSOCIATED WITH INCREASED MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: A RETROSPECTIVE ANALYSIS
   J. Kewcharoen, C. Techorueangwiwat, T. Limjaroen, A. Ariyachaipanich
   Chulalongkorn University, Bangkok, Thailand.

24 EFFECT OF PLEURAL INTEGRITY DURING ITA HARVESTING ON POSTOPERATIVE RESPIRATORY FUNCTIONS AFTER CARDIAC SURGERY
   O. Altas, O. Yerlikhan, M. Aksut, T. Ozer, D. Gunay, A. Karakoc, K. Kirali; Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey

25 AN UNUSUAL CASE OF INTRACARDIAC FOREIGN BODY FOLLOWING A NECK INJURY: A CASE REPORT AND REVIEW OF LITERATURE
   M. Ghanim, S. Bsata, B. Campbell, G. Daly, A. Agnihotri, L. Tsao
   Saint Elizabeth Medical Center, Brighton, MA, USA

26 LATE ISCHEMIC COMPLICATION OF ATYPICAL BENTALL PROCEDURE, LEADING TO ACUTE MYOCARDIAL ISCHEMIA
   G. Jolly, A. Haidry, S. Pal, M. Hasan Khan, W. Aronow
   Westchester Medical Center, Valhalla, NY, USA.

P105 MEASUREMENT OF OUTCOMES AND QUALITY OF CARDIOVASCULAR CARE

27 A MODIFIED PUNCTURE METHOD DECREASES THE VENOUS INDWELLING NEEDLE RELATED COMPLICATIONS IN INPATIENTS WITH CARDIOVASCULAR DISEASES: A SINGLE CENTER PROSPECTIVE RANDOMIZED STUDY
   Y. Liu, D. Han, X. Li
   The First Affiliated Hospital of Xi’an Jiaotong University, Xi’an, China

28 CLINICAL UTILITY OF AN OBSERVATION UNIT IN THE OUTCOME OF COCAINE-INDUCED CHEST PAIN
   Metropolitan Hospital, New York, NY, USA

29 QUALITY IMPROVEMENT IN POST HEART CATHETERIZATION CARE
   K. Gu, M. Katz, D. Chang, E. Randhawa, K. D’Mello, G. Ledley
   Drexel University College of Medicine, Philadelphia, PA, USA
**FRIDAY, JULY 27, 2018**

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<tbody>
<tr>
<td>14:00</td>
<td>Low T/High T Testosterone and the Heart</td>
<td>Invited Lecture</td>
<td>J.D. Marsh, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<tr>
<td>14:15</td>
<td>Store Operated Ca(^{2+})-Channel Blockers as a Potential Therapy for Hypertension</td>
<td>Invited Lecture</td>
<td>N.S. Dhalla, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, MB, Canada</td>
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<tr>
<td>14:30</td>
<td>Cardiovascular Risk Factors: An Update</td>
<td>Invited Lecture</td>
<td>C. Chen, J. Lu, Q. Yao, Baylor College of Medicine, Houston, TX, USA</td>
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<tr>
<td>14:45</td>
<td>Age-Rage Stress in Cardiac Diseases</td>
<td>Invited Lecture</td>
<td>K. Prasad, University of Saskatchewan, Saskatoon, SK, Canada</td>
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<tr>
<td>15:00</td>
<td>Hemodynamic Modulation of Non-Platelet Thromboxane Generation</td>
<td>Invited Lecture</td>
<td>J. Rade, University of Massachusetts Medical School, Worcester, MA, USA</td>
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<tr>
<td>15:15</td>
<td>Clinically Relevant Interactions Between Cardiovascular Drugs, Herbs and Fruit Juices: Mechanisms of Interactions and Prescribing Strategies</td>
<td>Invited Lecture</td>
<td>H. Buttar, University of Ottawa, Ottawa, Canada</td>
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<tr>
<td>15:30</td>
<td>Role of Nitrates in the Prevention of Myocardial Ischemia Associated with Carfilzomib Infusion</td>
<td>Invited Lecture</td>
<td>T. Scarabelli, St John Hospital and Medical Center, Detroit, MI, USA</td>
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<tr>
<td>15:45</td>
<td>Deciphering the Role of Mitophagy-Lysosome Dysfunction in the Diabetic Heart</td>
<td>Invited Lecture</td>
<td>Q. Liang, S. Kobayashi, F. Zhao, Y. Huang, T. Kobayashi New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA</td>
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<tr>
<td>16:00</td>
<td>Rapamycin Protects Diabetic Rabbit Hearts Against Ischemia/Reperfusion Injury by Regulating PTEN-AKT Signaling</td>
<td>Invited Lecture</td>
<td>A. Das, A. Samidurai, R.C. Kukreja Virginia Commonwealth University, Pauley Heart Center, Richmond, VA, USA</td>
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<tr>
<td>16:15</td>
<td>Coffee Break, Visit Exhibition</td>
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<td>Institution(s)</td>
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<tr>
<td>14:00</td>
<td>OBESITY AND ATRIAL FIBRILLATION (Invited Lecture)</td>
<td>M.A. Alpert</td>
<td>University of Missouri School of Medicine, Columbia, MO, USA</td>
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<tr>
<td>14:15</td>
<td>PROARRHYTHMIC SUBCELLULAR SIGNALING IN ATRIAL FIBRILLATION: ROLE OF CALCIUM DEPENDENT POTASSIUM CHANNELS (Invited Lecture)</td>
<td>D. Dobrev</td>
<td>University Duisberg-Essen, Essen, Germany</td>
</tr>
<tr>
<td>14:30</td>
<td>TOWARDS A COMPLETE TRUE HYBRID TREATMENT OF ATRIAL FIBRILLATION (Invited Lecture)</td>
<td>S. Gelsomino</td>
<td>CARIM Scholl for Cardiovascular Diseases, University of Maastricht, Maastricht, The Netherlands</td>
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<tr>
<td>14:45</td>
<td>MANAGEMENT OF ATRIAL FIBRILLATION IN THE ELDERLY PATIENT (Invited Lecture)</td>
<td>A. Kumar, V. Mohan</td>
<td>Adarsh Heart and Super Specialty Hospital, Amristar, India</td>
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<tr>
<td>15:00</td>
<td>UNUSUAL ARRHYTHMIC CAUSES OF SYNCOPE (Invited Lecture)</td>
<td>H.P. Paydak</td>
<td>University of Arkansas for Medical Science, Little Rock, AR, USA</td>
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<tr>
<td>15:15</td>
<td>VALIDATION OF THE INDICATION FOR IMPLANTABLE CARDIODEFIBRILLATOR IN BRUGADA SYNDROME IN THE J WAVE SYNDROMES CONSENSUS CONFERENCE (Invited Lecture)</td>
<td>M. Takagi</td>
<td>Kansai Medical University Medical Center, Moriguchi, Japan</td>
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<tr>
<td>15:30</td>
<td>DANTROLENE, A RYANODINE RECEPTOR STABILIZER, REDUCES ATRIAL FIBRILLATION IN HEART FAILURE (Invited Lecture)</td>
<td>C. Nofi, K. Zhang, Y.-D. Tang, Y. Li, A. Migirov, K. Ojamaa, A. Gerdes, Y. Zhang</td>
<td>New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA</td>
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FRIDAY, JULY 27, 2018

14:00 – 16:45  HALL B

PL05  CARDIAC ARRHYTHMIAS: CAUSES, SYMPTOMS, DIAGNOSIS AND TREATMENT (continued)

15:45  RADIOFREQUENCY ABLATIVE MODIFICATION OF THE AV NODE FOR THE TREATMENT OF ATRIAL FIBRILLATION: EXPLORING THE VALUE OF AN OLD TECHNIQUE  (Invited Lecture)
J. Gimbel
Columbia-St. Mary’s Hospital System-Ascension, Milwaukee, WI, USA

16:00  UP-TO-DATE MANAGEMENT OF ATRIAL TACHYARRHYTHMIAS IN ADULT CONGENITAL HEART DISEASE  (Invited Lecture)
A. Kamp
Nationwide Children’s Hospital and The Ohio State University, Columbus, OH, USA

16:15  HIS BUNDLE PACING
A. Deshmukh, Mayo Clinic, Rochester, MN, USA

16:30  THE RISK PREDICTORS OF COMPLICATIONS OF PULMONARY VEIN ISOLATION  (Invited Lecture)
T.J. Matsubara, K. Fujii, G. Oguri, E. Hasumi, T. Kojima, I. Komuro
The University of Tokyo, Tokyo, Japan

16:45  COFFEE BREAK, VISIT EXHIBITION
FRIDAY, JULY 27, 2018

14:00 - 16:15

Hall C

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

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

14:00 INSIGHT INTO POLYVASCULAR DISEASE (Invited Lecture) 075
T. Tomaru, T. Matsuhabara, E. Matsuhabara
Heisei Yokohama Hospital, Yokohama, Japan

14:15 GENETICS OF THORACIC AORTIC ANEURYSM 2018 (Invited Lecture) 076
J.A. Elefteriades
Yale University School of Medicine, Aortic Institute at Yale-New Haven,
New Haven, CT, USA

14:30 ADIPOCYTES PROMOTE IL18 BINDING TO ITS RECEPTORS DURING
ABDOMINAL AORTIC ANEURYSM FORMATION IN MICE (Invited Lecture) 077
G.-P. Shi, Brigham and Women's Hospital, Boston, MA, USA

14:45 POTENTIAL MOLECULAR TARGETS FOR PREVENTION OF
PROGRESSION OF ABDOMINAL AORTIC ANEURYSM (Invited Lecture) 078
The Hebrew University of Jerusalem, Jerusalem, Israel

15:00 SEX DIFFERENCES IN PERIPHERAL ARTERIAL DISEASE: DIAGNOSIS,
SYMPTOMS AND TREATMENT (Invited Lecture) 079
J. Regensteiner
University of Colorado, School of Medicine, Aurora, CO, USA

15:15 ANTIPLATELET THERAPY FOR PERIPHERAL INTERVENTIONS:
AN UPDATE FOR 2018 (Invited Lecture) 080
R. Khourzam, M. Ibrahim
University of Tennessee Health Science Center, Memphis, TN, USA

15:30 DOAC IN CANCER PATIENTS: VENOUS THROMBOEMBOLISM AND
ATRIAL FIBRILLATION (Invited Lecture) 081
N. Maurea
Istituto Nazionale Tumori, IRCCS, Fondazione G. Pascale, Naples, Italy

15:45 CURRENT STATUS OF PATHOPHYSIOLOGY AND THERAPY OF
PERIPHERAL ARTERY DISEASE (Invited Lecture) 082
S. Bhullar, N.S. Dhalla
St. Boniface Hospital, University of Manitoba, Winnipeg, MB, Canada

16:00 FILTERING THE EVIDENCE: UPDATES ON IVC FILTERS (Invited Lecture) 083
B. Bikdeli, Columbia University Medical Center, New York, NY, USA

16:15 COFFEE BREAK, VISIT EXHIBITION
FRIDAY, JULY 27, 2018

16:45 – 19:00  Hall A

S21  Session
MOLECULAR CARDIOLOGY, VASCULAR BIOLOGY AND REGENERATIVE MEDICINE IN CARDIOVASCULAR DISEASE

Chairs:  A.M. Gerdes, Old Westbury, NY, USA
         G.-P. Shi, Boston, MA, USA

16:45  Na⁺-H⁺ EXCHANGER 1 DEFICIENCY PROTECTS ANGIOTENSIN II-INDUCED ABDOMINAL AORTIC ANEURYSM IN APOLIPROTEIN E-DEFICIENT MICE
C.-L. Liu, G. Sukhova, P. Libby, G.-P. Shi
Brigham and Women’s Hospital, Boston, MA, USA

Abstract No. 084

17:00  THE EFFECT OF HYPOXIA PRE-TREATMENT ON STEM CELL BIOLOGY
V. Ramaswamy, F. Franchi, K.M. Peterson, R. Paulmurugan, M.G. Rodriguez-Porcel
Mayo Clinic, Rochester, MN, USA

Abstract No. 085

17:15  ATTENUATION OF ENDOPLASMIC RETICULUM STRESS BY 4-PHENYLBUTRYRIC ACID PROMOTES THE FUNCTIONAL SURVIVAL AND THERAPEUTIC EFFICACY OF BONE MARROW- DERIVED MESENCHYMAL STEM CELLS FOR HEART REPAIR
D. Han, J.-W. Chen, F. Cao, Chinese PLA General Hospital, Beijing China

Abstract No. 086

17:30  AN INSIGHT INTO THE ROLE OF EXTRACELLULAR MATRIX IN DETERMINING THE SITE OF AORTIC ANEURYSM, TAA VERSUS AAA
Z. Kassiri, University of Alberta, Edmonton, AB, Canada

Abstract No. 087

17:45  IMPORTANCE OF THE MYOCARDIAL MICROENVIRONMENT IN THE BIOLOGY TRANSPANTED MESENCHYMAL STEM CELLS
F. Franchi, V. Ramaswamy, K.M. Peterson, P. Ramasamy, M.G. Rodriguez-Porcel
Mayo Clinic, Rochester, MN, USA

Abstract No. 088

18:00  CRUCIAL ROLE OF PI3-KINASE GAMMA IN VASCULAR SMOOTH MUSCLE CELL PROLIFERATION AND NEOINTIMA FORMATION BY REGULATING Skp2 AND p27(kip1)
J. Li, S. Liu, M. Wang, R. Jin, Hearshey High School, Hershey, PA, USA

Abstract No. 089

18:15  CARDIAC TARGETING PEPTIDE: STUDIES INTO MECHANISM OF TRANSDUCTION
K. Feldman, T. Feinstein, M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA

Abstract No. 090

18:30  SLC3A2 IS A NOVEL ER STRESS-RELATED SIGNALING PROTEIN THAT REGULATES BOTH UPR AND APOPTOSIS IN CARDIOMYOCYTES
C. Liu, X. Li, C. Li, Y. Tian, K. He
Translational Medicine, Beijing, China

Abstract No. 091

18:45  CALCIUM CHANNEL BLOCKERS: A MULTIPURPOSE APPROACH
N. Motayagheni, A. Atala
Wake Forest University, Winston Salem, NC, USA

Abstract No. 092
S22  Session  
HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE – FROM BENCH TO BEDSIDE

Chairs:  C. Chen, Houston, TX, USA  
        C. Rosendorff, Bronx, NY, USA

16:45  FUNCTIONAL INACTIVATION OF MAST CELL ENHANCES SUBCUTANEOUS ADIPOSE TISSUE BROWNING THROUGH SEROTONIN IN MICE  
X. Zhang, X. Wang, J. Liu, G.-P. Shi  
Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

17:00  CARDIOVASCULAR OUTCOMES OF AMLODIPINE-BASED COMBINATION THERAPIES IN HIGH-RISK HYPERTENSIVE PATIENTS  
Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

17:15  SEASONAL VARIATIONS IN BLOOD PRESSURE, NEUTROPHIL-LYMPHOCYTE RATIO AND WHITE BLOOD CELL COUNT IN A LARGE POPULATION OF PATIENTS WITH END STAGE RENAL DISEASE  
Fresenius Medical Care North America, Waltham, MA, USA

17:30  DIRECT VERSUS CALCULATED LDL CHOLESTEROL AND C REACTIVE PROTEIN IN CARDIOVASCULAR DISEASE RISK ASSESSMENT IN THE FRAMINGHAM OFFSPRING STUDY  
H. Ikezaki, V.A. Fisher, C.-T. Liu, K. Nakajima, B.F. Asztalos, N. Furusyo, J. Hayashi, L. Cupples, E.J. Schaefer  
HNRC at Tufts University, Boston, MA, USA

17:45  ADIPOSE TISSUE SURFACE-EXPRESSION OF LDLR AND CD36; LINK TO RISK FACTORS FOR TYPE 2 DIABETES IN NORMOCHELSTEROLEMIC SUBJECTS  
S. Bissonnette, Y. Cyr, V. Lamantia, V. Provost, G. Maye, M. Chretien, M. Faraj  
University of Montreal/ Clinical Research Institute of Montreal (IRCM), Montréal, QC, Canada

18:00  PESSIMISTIC OUTLOOK IN ADOLESCENCE INCREASES RISK FOR OBESITY AND HYPERTENSION IN EARLY ADULTHOOD  
K. Anand, S. Rajendran, S. Srinivas, A. Chockalingam  
University of Missouri, Columbia, MO, USA

Abstract No.
18:15 COMBINED TREATMENT BY LIPID-LOWERING DRUGS IN ACUTE LIPEMIA IN MICE
Institute of Physiology and Basic Medicine, Novosibirsk, Russian Federation

18:30 SPATIAL VARIATION ON PREVALENCE OF HYPERTENSION IN CHINA: RESULTS FROM CHINA HYPERTENSION SURVEY, 2012-2015
National Center of Cardiovascular Disease, Fu Wai Hospital PUMC & CAMS, Beijing, China

18:45 PREDICTORS OF CORONARY ARTERY DISEASE IN PATIENTS WITH HYPERTENSIVE EMERGENCY WITH ELEVATED CARDIAC BIOMARKERS
M. Rodriguez Ziccardi, J. Penalver, S. Basharat, C. Nwakile
Einstein Medical Center, Philadelphia, PA, USA

19:00 ROLE OF EPICARDIAL ADIPOSE TISSUE IN ATHEROSCLEROSIS ASSOCIATED WITH OBESITY
M. Addula
Creighton University, Omaha, NE, USA

19:15 TO COMPARE THE “REAL WORLD” EFFICACY OF PROPROTEIN CONVERTASE SUBTILISIN-KEXIN TYPE 9 (PCSK-9) INHIBITORS ALIROCUMAB VERSUS EVOLOCUMAB ON LDL LOWERING IN PATIENTS PRESENTING WITH DYSLIPIDEMIA: A SINGLE CENTER EXPERIENCE
S. Banga, S. Pendyala, T.J. Kizhakekuttu
OSF Saint Francis Medical Center, University of Illinois College of Medicine at Peoria, Peoria, IL, USA
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<th>Time</th>
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<th>Authors</th>
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<tr>
<td>16:45</td>
<td>INITIAL INTRAVASCULAR ULTRASOUND IN THE EVALUATION OF CARDIAC TRANSPLANT VASCULOPATHY WITHOUT A ROUTINE EARLY BASLINE STUDY HAS PROGNOSTIC VALVE</td>
<td>R. Arsanjani, M. Hashemzadeh, M.R. Movahed</td>
<td>Mayo Clinic, Scottsdale, AZ, USA</td>
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<td>17:00</td>
<td>A PROSPECTIVE COHORT STUDY OF RIGHT VENTRICULAR NORMALIZATION AFTER PULMONARY VALVE REPLACEMENT IN ASYMPOTOMATIC PATIENTS WITH MODERATE OR GREATER PULMONARY REGURGITATION AFTER REPAIRED TETRALOGY OF FALLOT</td>
<td>F. He, S. Li, Z. Feng</td>
<td>Fuwai Hospital, Beijing, China</td>
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<td>17:15</td>
<td>PATIENTS’ PREFERENCES FOR CORONARY BYPASS GRAFTING OR STAGED PERCUTANEOUS CORONARY INTERVENTION IN MULTI-VESSEL CORONARY ARTERY DISEASE</td>
<td>M.-A. Ohlow, A. Farah</td>
<td>Zentralklinik, Bad Berka, Germany</td>
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<td>17:30</td>
<td>A PROPENSITY SCORE MATCHED STUDY OF ON PUMP AND OFF PUMP CORONARY ARTERY BYPASS SURGERY</td>
<td>Y. Toyoda, M.A.K. Kashem</td>
<td>Lewis Katz School of Medicine at Temple University, Philadelphia, PA, USA</td>
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<td>17:45</td>
<td>MIDTERM COMPARISON OF ANNULOPLASTY RINGS IN ISOLATED MITRAL VALVE REGURGITATION</td>
<td>O. Altas, O. Yerlikhan, M. Ozgur, A. Karakoc, K. Kirali</td>
<td>Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey</td>
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<td>18:00</td>
<td>MISPLACED PACEMAKER LEAD DUE TO A PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION</td>
<td>B. Gheyath, R. Kaul, A. Aggarwal, M. Summers, M. Abdallah, D. Majdalany</td>
<td>Cleveland Clinic Foundation, Cleveland, OH, USA</td>
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<tr>
<td>18:15</td>
<td>INCIDENCE OF ACUTE CELLULAR REJECTION AFTER HEART TRANSPLANTATION AND ITS IMPACT ON ONE-YEAR SURVIVAL: A REPORT FROM TERTIARY CARE HOSPITAL IN THAILAND</td>
<td>C. Techourueangwivat, S. Sinphumruskulkul, P. Ongcharit, K. Thammanatsakul, W. Polsawat, S. Siwamogsatham, S. Puwanant, V. Benjacholamas, A. Ariyachaipanich</td>
<td>Chulalongkorn University, Bangkok, Thailand</td>
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16:45 – 19:15

S23  Oral Session
ADVANCES IN CARDIAC SURGERY: CONGENITAL HEART DISEASE / CORONARY REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / HEART TRANSPLANTATION (continued)

18:30  SURGICAL TREATMENT OF PRIMARY BENIGN RIGHT VENTRICULAR TUMORS: A 10-YEAR SINGLE-CENTER STUDY
E. Qiao
Peking Union Medical College, Chinese Academy of Medical Sciences, Fuwai Hospital, Beijing, China

18:45  VASOACTIVE AGENT EXPOSURE PRIOR TO ACUTE MECHANICAL CIRCULATORY SUPPORT FOR CARDIOGENIC SHOCK IS ASSOCIATED WITH END ORGAN DYSFUNCTION AND MORTALITY
Tufts Medical Center, Boston, MA, USA

19:00  ANOMALOUS CORONARIES IN CHILDREN PRESENT WITH GENDER DIFFERENCES DISSIMILAR TO ADULTS
B. Robinson, C. Baird, F. Pigula
Patients’ Precision Clinic BR Health for You, LLC.; Children’s Hospital Boston, Boston, MA, USA
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<td>1</td>
<td>INFLAMMATORY CYTOKINES, IL-1 AND TNF-A, ARE CLUE FOR DETERMINING STROKE ETIOLOGY WITH THE SUSCEPTIBILITY VESSEL SIGN ON MRI</td>
<td>H.-S. Kim, M.-S. Park, E.-H. Kim, J.-T. Park, W. Yoon</td>
<td>Chonnam National University Med. School, Gwangju, Republic of Korea</td>
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<td>CEREBRAL INFARCTION IS ASSOCIATED WITH MULTIPLE RISK FACTORS IN PATIENTS WITHOUT SEVERE CAROTID SCLEROSIS</td>
<td>E. Matsubara, T. Matsubara, T. Tomaru</td>
<td>Tokyo University Hospital, Tokyo, Japan</td>
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<td>3</td>
<td>FINDING CLOSURE AFTER CRYPTOGENIC STROKE</td>
<td>M. Patel, A. Goud, A. Patel, A. Mukherjee, P. Sethi, R. Pai</td>
<td>University of California, Riverside, Alta Loma, CA, USA</td>
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<td>RETAINED AORTIC MISSILE: A CASE OF A PARTIALLY EMBEDDED BULLET IN THE DESCENDING AORTA</td>
<td>D. Hill, A. Einhorn</td>
<td>Orlando Health, Orlando, FL, USA</td>
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<td>A RARE CASE OF MYOCARDIAL ISCHEMIA CAUSED BY DESCENDING AORTA TO RIGHT INFERIOR PULMONARY ARTERY FISTULA</td>
<td>T.-H. Wu, C.-J. Wu</td>
<td>Veterans General Hospital- Kaohsiung, Taiwan, Kaohsiung, Taiwan</td>
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<td>COMMERCIAL PERIPHERAL ARTERIAL DISEASE SCREENING OUTSIDE THE SCOPE OF ESTABLISHED GUIDELINES</td>
<td>H. Hirzallah, A. Mallad, A. Amro, D. Kusmic, M. El-Hamdani</td>
<td>Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA</td>
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<td>USE OF OPTICAL COHERENCE TOMOGRAPHY IN TREATING A CHRONIC TOTAL OCCLUSION FROM A VIETNAM WAR INJURY</td>
<td>B. Horn, J. George</td>
<td>Einstein Medical Center, Philadelphia, PA, USA</td>
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<td>KIDNEY DYSFUNCTION IN PATIENTS RECEIVING PERCUTANEOUS LEFT VENTRICULAR ASSIST DEVICE</td>
<td>H. Aboud, S. Sutchu, A. Kazory</td>
<td>University of Florida, Gainesville, FL, USA</td>
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<td>LEARNING NEEDS OF PATIENTS WITH DIASTOLIC HEART FAILURE</td>
<td>J.-A. Ahn, J.-S. Park, P.-K. Min</td>
<td>Ajou University, Suwon, Republic of Korea</td>
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<td>123</td>
<td>FAMILIAL AMYLOID CARDIOMYOPATHY: A CASE SERIES</td>
<td>A.C. Atanda, O. Atanda, E. Mbuy, O. Omole, D. Ugwendum, T. Ogundipe, B. Curry, O. Akinboboye</td>
<td>Howard University Hospital, Washington, DC, USA</td>
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<td>FACTORS AFFECTING LENGTH OF STAY AND TIME TO READMISSION IN A RETROSPECTIVE HEART FAILURE READMISSION COHORT</td>
<td>J. Aoun, S. Khare, M. Ghanim, G. Yesodharan, M. Afari, S. Hedge, L. Tsao</td>
<td>Saint Elizabeth’s Medical Center, Brighton, MA, USA</td>
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<td>LUNG INFILTRATES IN A PATIENT ON BORTEZOMIB - NOT ALWAYS PNEUMONIA</td>
<td>S. Basharat, M. Rodriguez Ziccardi, M. Bandres, A. Pop</td>
<td>Albert Einstein Medical Center, Philadelphia, PA, USA</td>
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<td>INHALED RACEMIC EPINEPHRINE AS A TRIGGER FOR TAKOTSUBO CARDIOMYOPATHY</td>
<td>M. Ghanim, M. Almnajam, S. Khare, M.E. Afari, M. Khan</td>
<td>Saint Elizabeth Medical Center, Brighton, MA, USA</td>
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<td>STRESS CARDIOMYOPATHY: LOOK AT THE URINE!</td>
<td>S.A. Raza, S. Haley, L. Hunter, F. Raza</td>
<td>Methodist Health System- Dallas, Dallas, TX, USA</td>
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<td>16</td>
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<td>CANNABIS INDUCED BASAL-MID VENTRICULAR STRESS CARDIOMYOPATHY</td>
<td>S.J. Meera, S. Vallabhaneni, R. Aurshiya, S. Pakniyat, J. Shirani</td>
<td>St. Luke’s University Health Network, Bethlehem, PA, USA</td>
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<td>UTILIZATION OF BIOIMPEDANCE SPECTROSCOPY IN LIEU OF INVASIVE MONITORING FOR MONITORING FLUID OVERLOAD</td>
<td>A.A. Accardi, J.T. Heywood</td>
<td>Scripps Memorial Hospital, Encinitas, CA, USA</td>
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<td>P204</td>
<td>DILATED CARDIOMYOPATHY</td>
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<td>18</td>
<td>CLINICAL, ELECTROCARDIOGRAPHIC, ECHOCARDIOGRAPHIC PROFILE AND OUTCOMES OF ADULT PATIENTS WITH DILATED CARDIOMYOPATHY AT MAKATI MEDICAL CENTER: A SUBSET ANALYSIS OF THE PHILIPPINE HEART ASSOCIATION (PHA) CARDIOMYOPATHY REGISTRY</td>
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<td>M. Maliwat, B. Alimurung, G. Lopez, V. Zarza-Geron</td>
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<td>Makati Medical Center, Makati City, Philippines</td>
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| 19 | PERI-MYOCARDITIS IN A PATIENT WITH COINFECTION OF MYCOPLASMA AND COXSAKIE B LEADING TO DILATED CARDIOMYOPATHY |
| D. Zakri, J. Saurez, Y. Braver |
| Brandon Regional Hospital, Brandon, FL, USA |

| 20 | CHRONIC NASAL DECONGESTANT USE AND TACHYCARDIOMYOPATHY: A CASE REPORT |
| Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil |

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<td>IMPACT OF CONTEMPORARY TREATMENT STRATEGIES ON PATIENTS WITH EXTREME HYPERTROPHIC CARDIOMYOPATHY PHENOTYPE</td>
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<td>M.D. Romashko, B.J. Maron, W. Wang, H. Rastegar, M.S. Maron, E.J. Rowin</td>
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<td>Tufts Medical Center, Boston, MA, USA</td>
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| 22 | UNUSUAL CAUSES OF RESOLUTION OF LVOT OBSTRUCTION IN HYPERTROPHIC CARDIOMYOPATHY |
| R. Aursiya, S. Meera, S. Pakniyat, J. Shirani |
| St. Luke’s University Health Network, Bethlehem, PA, USA |

| 23 | MYOCARDIAL ISCHEMIA CAUSED BY SINGLE CORONARY ARTERY IN HYPERTROPHIC CARDIOMYOPATHY |
| A. Sinha, R. Kumar, J. Shirani |
| St. Luke’s University Health Network, Bethlehem, PA, USA |

| 24 | MARKED REGRESSION OF LVH IN FAMILIAL HYPERTROPHIC CARDIOMYOPATHY FOLLOWING BARIATRIC SURGERY AND SUBSTANTIAL WEIGHT LOSS |
| S. Meera, R. Aursiya, S. Vallabhaneni, S. Pakniyat, J. Shirani |
| St. Luke’s University Health Network, Bethlehem, PA, USA |
P205  HYPERTROPHIC CARDIOMYOPATHY (continued)

Board No  Abstract No.

25  A CASE OF CONSTRUCTIVE CARDIOMYOPATHY IN FAMILIAL AMYLOIDOSIS
R. Shah, J. Uribe, G. Velasquez, P. Taylor, Orlando Health, Orlando, FL, USA

26  PERSISTENT ST ELEVATION: HYPERTROPHIC CARDIOMYOPATHY RARELY DISCUSSED
M. Khattab, J.R. Martinez Parachini, A. Ul Haq, E. Mora Garzon, E.P. Ngo
University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

P206  PERICARDIAL DISEASE

27  A PATIENT WITH A LARGE PERICARDIAL MASS
A. Sustar, D. Javoran, University Hospital Centre, Rijeka, Croatia

28  PERICARDIAL EFFUSION IN A NON-HIV PATIENT AS A HARBINGER FOR A RARE PRIMARY EFFUSION LYMPHOMA
S. Basharat, M. Rodriguez Ziccardi, M. Bandres, A. Pop
Albert Einstein Medical Center, Philadelphia, PA, USA

29  UNILATERAL PLEURAL EFFUSION: AN UNUSUAL PRESENTATION OF DRESSLER’S SYNDROME SECONDARY TO PCI
N. Shah, R. Parsare, Internal Medicine, St Mary Mercy Hospital, Livonia, MI, USA

P207  CARDIOVASCULAR DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE

30  THE ROLE OF SEMAPHORIN-3C (SEMA3C) IN INTERPLAY BETWEEN RENAL EPITHELIAL-ENDOTHELIAL CELLS DURING CYST DEVELOPMENT IN POLYCYSTIC KIDNEY DISEASE
J. Park, E. Lee, Sookmyung Women’s University, Seoul, Republic of Korea

31  NEGATIVE MULTIPLICATION EFFECT OF KIDNEY DYSFUNCTION ON NON VALVULAR ATRIAL FIBRILLATION
M. Zeeshan, R. Ayinla, T. Ahmad
Penn State Hershey Medical Center, Hershey, PA, USA

32  RENAL ARTERY STENOSIS PRESENTED WITH SUDDEN FLASH PULMONARY EDEMA IN A PATIENT WITH SINGLE KIDNEY
J. Choi, Y. Kim
Uijeongbu St. Mary’s Hospital, Gyeonggi-do, Republic of Korea

P208  EXERCISE PHYSIOLOGY, EXERCISE TESTING

33  EFFECTS OF A YOGA INTERVENTION IN REDUCING JOB STRESS AND CARDIOVASCULAR DISEASE RISK FACTORS
W.J. Hwang, J. Ha, J. Kim
Kyung Hee University, Seoul, Republic of Korea
SATURDAY, JULY 28, 2018

08:30 – 11:00  Hall A

PL07  Plenary Session
CARIOVASCULAR PROTECTION, REPAIR AND REGENERATION

Chairs:  N. Maulik, Farmington, CT, USA
         J.L. Mehta, Little Rock, AR, USA

08:30  A NOVEL MECHANISM CONTROLLING SMOOTH MUSCLE
       PHENOTYPE AND VASCULAR REMODELING  (Invited Lecture)
       Y.-C. Wang, X.-B. Cui, Y.-H. Chuang, S.-Y. Chen
       University of Georgia, Athens, GA, USA

08:45  microRNAs IN CARDIOVASCULAR REMODELING AND DISEASE
       (Invited Lecture)
       D.-Z. Wang, Boston Children’s Hospital, Boston, MA, USA

09:00  MECHANISM OF CARDIOVASCULAR REMODELING IN HEART FAILURE
       (Invited Lecture)
       S.C. Tyagi, University of Louisville School of Medicine, Louisville, KY, USA

09:15  REGULATION OF ANGIOGENIC RESPONSE IN DIABETIC MYOCARDIUM
       (Invited Lecture)
       N. Maulik, University of Connecticut School of Medicine, Farmington, CT, USA

09:30  PCSK9 EXPRESSION IN THE ISCHEMIC HEART AND ITS RELATIONSHIP
       TO INFARCT SIZE AND CARDIAC FUNCTION  (Invited Lecture)
       J.L. Mehta, Z. Ding
       University of Arkansas for Medical Science, Little Rock, AR, USA

09:45  CARDIAC CELL THERAPY: CUMULATIVE DATA AND NEW CONCEPTS
       (Invited Lecture)
       B. Dawn, University of Nevada, Las Vegas, NV, USA

10:00  MULTI-FACETED CONTRIBUTION OF TIMPs TO MYOCARDIAL
       REMODELING  (Invited Lecture)
       Z. Kassiri, University of Alberta, Edmonton, AB, Canada

10:15  LONG-TERM EXERCISE-DERIVED EXOSOMAL MIRNAS AS NOVEL
       EXERKINES FOR CARDIOVASCULAR PROTECTION  (Invited Lecture)
       J. Wu, Z. Hou, X. Qin, X. Zhang, F. Gao
       The Fourth Military Medical University, Xian, China

10:30  PREVENTION OF MYOCARDITIS/DCM USING REGENERATIVE
       MEDICINE THERAPY  (Invited Lecture)
       D. Fairweather, K. Bruno, A. Hill, P. Stalboerger, L. Cooper, Jr., A. Behfar
       Mayo Clinic, Jacksonville, FL, USA

10:45  NATRIURETIC PEPTIDE RECEPTOR-C IMPROVES VASCULAR
       REMODELING INSPONTANEOUSLY HYPERTENSIVE RATS  (Invited Lecture)
       M.B. Anand-Srivastava, University of Montreal, Montreal, QC, Canada

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL08  Plenary Session

VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS

Chairs:  A.R. Opotowsky, Boston, MA, USA
N.M. Rajamanan, Rochester, MN, USA

08:30  FEMALE GENDER IS A PREDICTOR OF VASCULAR COMPLICATIONS IN PATIENTS UNDERGOING TRANS-CATHETER AORTIC VALVE REPLACEMENT FOR SYMPTOMATIC SEVERE AORTIC STENOSIS: A SINGLE CENTER EXPERIENCE
R. Patel, S. Banga, J. Patel, M. Barzallo, S. Mungee
University of Illinois College of Medicine-Peoria/OSF Healthcare, Bloomington, IL, USA

08:45  A NOVEL AUTOLOGOUS TISSUE-ENGINEERED HEART VALVE FOR TRANSCATHETER IMPLANTATION
Y. Takewa, Y. Nakayama, J. Shimamura, E. Tatsumi
National Cerebral and Cardiovascular Center, Osaka, Japan

09:00  THE EMERGING ROLE OF CIRCULATING AND URINARY BIOMARKERS IN THE ASSESSMENT OF ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture)
A.R. Opotowsky
Boston Children’s and Brigham & Women’s Hospitals, Boston, MA, USA

09:15  GENETICS OF VALVE DISEASES (Invited Lecture)
R. Durst
Hadassah Hebrew University Medical Center, Jerusalem, Israel

09:30  NHLBI WORKING GROUP RECOMMENDATIONS ON CALCIFIC AORTIC VALVE DISEASE: THE CHAIRMAN’S PERSPECTIVE (Invited Lecture)
N.M. Rajamanan
Mayo Clinic, Rochester, MN, and Most Sacred Heart of Jesus Cardiology and Valvular Institute, Sheboygan WI, Corvita, Chicago IL, USA

09:45  FRAILTY AND CLINICAL OUTCOMES OF TRANSCATHETER AORTIC VALVE REPLACEMENT (Invited Lecture)
A. Cheema
St. Michael’s Hospital, Toronto, ON, Canada

10:00  AORTIC RECURGITATION; ASSESSMENT OF ETIOLOGY & SEVERITY: IS IT STILL A CHALLENGE? (Invited Lecture)
H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA
PL08  Plenary Session
VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS (continued)

10:15  TRICUSPID REGURGITATION - CURRENT AND EMERGING THERAPIES  (Invited Lecture)
S. Singh
Cedars-Sinai Heart Institute, Los Angeles, CA, USA

10:30  NON-INVASIVE DIAGNOSTIC DILEMMA FOR LOW FLOW LOW GRADIENT AORTIC STENOSIS  (Invited Lecture)
S. Rasla
St Vincent Hospital, Boston, MA, USA

10:45  PRE-TAVR HYPERBILIRUBINEMIA ASSOCIATED WITH POST-TAVR IN-HOSPITAL MORTALITY
Albany Medical College, Albany, NY, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 28, 2018

08:30 – 10:45

S24 Session
CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

Chairs: T. Akasaka, Wakayama, Japan
        T.H. Schindler, Baltimore, MD, USA

08:30 AN ASSOCIATION BETWEEN RENAL FUNCTION ONE YEAR AFTER KIDNEY TRANSPLANT AND INCIDENTAL PERICARDIAL EFFUSION
J. Muste, E. Pashkovetsky, S. Wang, R. Lopez-Soler, D. Conti, M. Torosoff, R. Lyubarova
Albany Medical College, Albany, NY, USA

08:45 PARADOXICAL SINUS DECELERATIONS DURING DOBUTAMINE STRESS TESTING
S. Vallabhaneni, R. Aurshiy, S. Agrawal, L. Stone, R. Silmi, S. Pakniyat, S. Nanda, J. Shirani
St Luke’s University Health Network, Bethlehem, PA, USA

09:00 PEDIATRIC PATIENTS HAVE PRESERVED LEFT VENTRICULAR LONGITUDINAL STRAIN EARLY AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION DESPITE EXPOSURE TO CARDIOTOXIC AGENTS
N. Ray Chaudhuri, C. Ebens, A. Sanchez Mejia
University of Minnesota, Saint Paul, MN, USA

09:15 COMPARISON OF THE 2009 AND 2016 AMERICAN SOCIETY OF ECHOCARDIOGRAPHY (ASE) GUIDELINES FOR DIASTOLOGY ASSESSMENT
S.M. Hussain, B.J. Hachey, C. Ahmed, A. Altamiranoeff, S. Danciu
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

09:30 NONINVASIVE ASSESSMENT OF CENTRAL VENOUS PRESSURE USING CONTINUOUS FLOW FROM THE INFERIOR VENA CAVA INTO RIGHT ATRIUM
R. Ranjan, E.J. Friend, V. Figueredo, G.S. Pressman, N. Schiller
Einstein Healthcare Network, Philadelphia, PA, USA

09:45 PREVALENCE AND THE DETERMINANTS OF A-WAVE DOMINANT PATTERN IN PATIENTS WITH SEVERE MITRAL REGURGITATION
K.R. Kolla, N. Qureshi, H.P. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

10:00 USE OF CONTRAST AGENTS TO ENHANCE IMAGE QUALITY IN 2D ECHOCARDIOGRAPHY FOR STRAIN ANALYSIS
I. Baig, S. Nanavaty, A. Sothwal, A. Alsaid, T. Bauch
University, Geisinger Medical Center, Danville, PA, USA

10:15 ADVANCES IN MULTIMODALITY CARDIOVASCULAR IMAGING OF PERICARDIAL CONDITIONS (Invited Lecture)
B. Xu, S.C. Harb, A.L. Klein
Cleveland Clinic, Cleveland, OH, USA
SATURDAY, JULY 28, 2018

08:30 – 10:45  Hall C

S24  Session
CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY
CIRCULATION, CARDIAC STRUCTURE AND FUNCTION (continued)

10:30  RIGHT VENTRICULAR DYSFUNCTION DIFFERS IN PATIENTS WITH
IDIOPATHIC PULMONARY HYPERTENSION VS SECONDARY
PULMONARY HYPERTENSION
S. Emami, N. Samiei, A. Amin, S. Taghavi, M. Parsaei, N. Naderi, A. Serati,
M. Movahed
CareMore and University of Arizona, Tucson, AZ, USA

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION

11:15 – 13:15  Hall A

PL09  Plenary Session
HYPERTENSION, OBESITY, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE,
PREVENTION, RISK REDUCTION AND TREATMENT

Chairs:  W.S. Aronow, Valhalla, NY, USA
J.S. Borer, New York, NY, USA

11:15  FROM THE 2017 ACC/AHA HYPERTENSION GUIDELINES (Invited Lecture)  176
W.S. Aronow
Westchester Medical Center/New York Medical College, Valhalla, NY, USA

11:30  NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS):
CARDIOVASCULAR EVENTS ARE RELATED PRIMARILY TO IMPACT OF NSAIDS
ON BLOOD PRESSURE RATHER THAN TO COX SELECTIVITY
(Invited Lecture)
J.S. Borer, F. PRECISION Trial Executive Committee
SUNY Downstate, New York, NY, USA

11:45  LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE IN
HYPERTENSION - MOLECULAR AND CELLULAR MECHANISMS
(Invited Lecture)
C. Rosendorff
Mount Sinai Heart, Icahn School of Medicine, and the James J. Peters VA
Medical Center, New York, NY, USA
PL09 Plenary Session
HYPERTENSION, OBESITY, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE, PREVENTION, RISK REDUCTION AND TREATMENT (continued)

Abstract No.

12:00 ROLE OF THE NOVEL ADIPOKINE IN CARDIOVASCULAR DISEASE
(Invited Lecture)
N. Ouchi
Nagoya University Graduate School of Medicine, Nagoya, Japan

12:15 DOES CARDIORESPIRATORY FITNESS MODULATE THE INCIDENCE OF TYPE 2 DIABETES IN PATIENTS ON STATIN THERAPY (Invited Lecture)
P. Kokkinos
Veterans Affairs Medical Center and Georgetown University School of Medicine, Washington, DC, USA

12:30 MANAGEMENT OF METABOLIC SYNDROME AND ATHEROSCLEROSIS IN MULTIPLE MOUSE MODELS OF HUMAN TYPE II DIABETES AND HEART DISEASE (Invited Lecture)
S.B. Chatterjee
Johns Hopkins University, Baltimore, MD, USA

12:45 CARDIOVASCULAR ACTIVATION DURING Socially Evaluated Cold-Pressor Test IS ASSOCIATED WITH CHANGES IN IMMUNE FUNCTION BUT NOT WITH ACTIVATION OF STEROID STRESS HORMONES (Invited Lecture)
D. Jezova, K. Buzgoova, I. Balagova, D. Kapsdorfer, M. Marko, I. Rieckansky Biomedical Research Center, Slovak Academy of Sciences, Bratislava, Slovakia

13:00 PERINODAL ADIPOSE TISSUE PARTICIPATES IN IMMUNE PROTECTION THROUGH A LYMPHATIC VESEL-INDEPENDENT ROUTE (Invited Lecture)
S. Liao
University of Calgary, Calgary, AB, Canada

13:15 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
11:15 - 13:30

**PL10 Plenary Session**

**INTERVENTIONAL CARDIOLOGY AND CARDIAC SURGERY: CURRENT STATUS AND FUTURE DIRECTIONS**

**Chairs:**  
D.L. Bhatt, Boston, MA, USA  
B.F. Uretsky, Little Rock, AR, USA

**11:15**  
**EXPANDED USES OF INVASIVE PHYSIOLOGICAL TESTING FOR CLINICAL DECISION-MAKING IN CAD PATIENTS**  
(Invited Lecture)  
**B.F. Uretsky**, University of Arkansas for Medical Sciences, Little Rock, AR, USA

**11:30**  
**MYCOBACTERIUM CHIMAERA IN CARDIAC SURGERY**  
(Invited Lecture)  
Montreal Heart Institute, Montreal, QC, Canada

**11:45**  
**OCT-GUIDED PCI: PRESENT STATUS AND FUTURE PERSPECTIVES**  
(Invited Lecture)  
**T. Akasaka**, Wakayama Medical University, Wakayama, Japan

**12:00**  
**DIFFERENT MODULATION OF MIRNA BY CLOPIDOGREL AND TICAGRELOR IN PATIENTS WITH NSTE-ACS**  
(Invited Lecture)  
**L. Biasucci**, C. Mandolini, M.C. Grimaldi, G. Larosa  
Catholic University of Rome, Rome, Italy

**12:15**  
**THE RATIONALE FOR PERCUTANEOUS MECHANICAL CIRCULATORY SUPPORT IN CARDIOGENIC SHOCK AND PROTECTED PCI**  
(Invited Lecture)  
**R. Sachdeva**, Morehouse School of Medicine, Atlanta, GA, USA

**12:30**  
**CLINICAL FEASIBILITY OF A FULLY AUTOMATED 3D RECONSTRUCTION OF ROTATIONAL CORONARY X-RAY ANGIOGRAMS**  
(Invited Lecture)  
**J.A. Garcia Fernandez**, Orlando Health, Orlando, FL, USA

**12:45**  
**THE DISTAL LEFT RADIAL ARTERY ACCESS FOR CORONARY ANGIOGRAPHY AND INTERVENTION: A NEW ERA**  
(Invited Lecture)  
**A. Lotfi**, Medical Center, Springfield, MA, and Baystate Medical Center, Springfield, MA, USA

**13:00**  
**DEVELOPMENT OF A NOVEL AUTOLOGOUS HEART VALVE**  
**Y. Takewa**, Y. Nakayama, J. Shimamura, E. Tatsumi  
National Cerebral and Cardiovascular Center, Osaka, Japan

**13:15**  
**A NOVEL CONCEPT IN REPAIR OF TETRALOGY OF FALLOT: PULMONARY ANNULUS Z-SCORE MAY NOT BE THE DETERMINANT FOR TRANANNULAR PATCH ENLARGEMENT**  
**X. Jiang**, Q. Wang, Peking Union Medical College, Fuwai Hospital, National Center for Cardiovascular Diseases and Chinese Academy of Medical Sciences, Beijing, China

**13:30**  
**LUNCH BREAK, VISIT POSTERS AND EXHIBITION**
S25  CELLULAR, MOLECULAR AND GENETIC MECHANISMS OF CARDIOVASCULAR DISEASE

Chairs:  D.P. Ramji, Cardiff, UK
         S. Schaefer, Davis, CA, USA

11:15  CONGENITAL HEART ABNORMALITIES ASSOCIATED WITH LOSS OF FUNCTION FILAMIN A GENE MUTATIONS
       M. Chen, M. Hirata, C. Walsh, S. Choudhury
       Boston Children’s Hospital, Boston, MA, Boston, MA, USA

11:30  POLYGENIC RISK FOR DEPRESSION INCREASES RISK FOR ISCHEMIC STROKE: FROM THE STROKE GENETICS NETWORK (SIGN) STUDY
       S. Wassertheil-Smoller
       Albert Einstein College of Medicine, New York, NY, USA

11:45  MITOPHAGY PLAYS A PROTECTIVE ROLE IN THE DIABETIC MOUSE HEART
       F. Zhao, S. Kobayashi, T. Kobayashi, Y. Huang, Y. Zhang, Q. Liang
       New York Institute of Technology, New York, NY, USA

12:00  EXOME SEQUENCING AND FUNCTIONAL ANALYSIS FOR PATIENTS WITH EARLY ONSET CARDIAC CONDUCTION-SYSTEM DISEASES
       K. Hayashi, A. Nomura, Y. Asano, M. Beerens, Y. Kurata, N. Fujino, H. Tada,
       C. MacRae, S. Takashima, M. Yamagishi
       Kanazawa University Graduate School of Medicine, Kanazawa, Japan

12:15  AGE-RELATED DOWNREGULATION OF SIRT6/NRF2 SIGNAL CONTRIBUTES TO THE DECREASED HEART ISCHEMIC TOLERANCE IN OLDER MICE
       D. Han, J.-W. Chen, F. Cao, Chinese PLA General Hospital, Beijing, China

12:30  EXOGENOUS GDF11 PROTECTS AGAINST MYOCARDIAL ISCHEMIA-REPERFUSION INJURY VIA ATTENUATION OF TGF- β SIGNALING PATHWAY
       H. Su, J.-C. Yen, S.-S. Huang, National Yang-Ming University, Taipei, Taiwan

12:45  SUBPROTEOMIC ANALYSIS OF CARDIOMYOPATHIC CHANGES IN X-LINKED MUSCULAR DYSTROPHY
       S. Murphy, M. Zweyer, R.R. Mundege, D. Swandulla, K. Ohlendieck
       Maynooth University, Maynooth, Ireland

13:00  ALLICIN DISRUPTS CARDIAC CAV1.2 CHANNELS VIA TRAFFICKING
       D. Han, J. Sun, X. Sun, P. Liu, Y. Liu
       The First Affiliated Hospital of Xi’an Jiaotong University, Xi’an, China

13:15  A NOVEL CACNA1C MUTATION IN A CHINESE FAMILY WITH BRUGADA SYNDROME
       M. Cao, D. Han, C. Sun, J. Wu, J. Sun, G. Li
       The First Affiliated Hospital of Xi’an Jiaotong University, Xi’an, China

13:30  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S301 NON-INVASIVE CARDIAC IMAGING, NUCLEAR CARDIOLOGY AND ECHOCARDIOGRAPHY

1. POINT-OF-CARE ULTRASOUND IN CARDIAC ARREST: A REVIEW OF THE ASSESSMENT OF CARDIAC MOTION IN THE SETTING OF CARDIAC ARREST
   W. Ciozda, A. Kimchi, I. Kedan
   David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

2. THREE-DIMENSIONAL SPECKLE TRACKING ECHOCARDIOGRAPHIC EVALUATION OF BIVENTRICULAR FUNCTION IN ADOLESCENTS AND YOUNG ADULTS WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION ACQUIRED IN EARLY LIFE
   L. Capotosto, G. D’Ettorre, N. Cavallari, C. Ajassa, M. Ciardi, G. Placanica, V. Vullo, C. Gaudio, A. Vitarelli
   Sapienza University, Cardiology and Infectious Diseases Depts, Rome, Italy

3. UTILIZATION OF ECHOCARDIOGRAPHY IN PULMONARY EMBOLISM: A GROUND REALITY
   H. Lodhi, M. Waqas, M. Khan, H. Shafiq, I. Achebe, A. Shafiq
   Baptist Memorial Medical Group, Southaven, MS, USA

4. THREE-DIMENSIONAL SPECKLE-TRACKING ECHOCARDIOGRAPHIC ASSESSMENT OF RIGHT VENTRICULAR FUNCTION IN OBSTRUCTIVE SLEEP APNEA - EFFECTS OF CPAP THERAPY
   L. Capotosto, E. Mangieri, M. Pergolini, M. Saponara, C. Gaudio, A. Vitarelli
   Sapienza University, Rome, Italy

5. ECHOCONTRAST INDUCED ANGIOEDEMA
   R. Samannan, M.A. Arif, U. Bhatti, E. Munzinger, S. Mathew
   University of Oklahoma, Oklahoma City, OK, USA

6. VASODILATOR STRESS TESTING WITH NUCLEAR PERFUSION IMAGING: A POOR MODALITY FOR EVALUATION OF CORONARY ARTERY DISEASE IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK
   K. Gu, A. Kaneria, N. Parikh, P. Sharedalal, S. Cho
   Drexel University College of Medicine, Philadelphia, PA, USA

7. AN UNEXPECTED ECHOCARDIOGRAPHIC FINDING: RIGHT CORONARY ARTERY TO RIGHT ATRIAL FISTULA
   J.R. Martínez-Parachini, M. Khattab, D. Gilada, I. Javed, L. Size, P. Lozano
   University of Oklahoma HSC, Oklahoma City, OK, USA

8. A CASE OF SEVERE ASTHMA EXACERBATION COMPLICATED BY REVERSE TAKOTSUBO CARDIOMYOPATHY IN AN ADULT
   S.A. Haidry, H.A. Cooper, W.S. Aronow
   Westchester Medical Center, Valhalla, NY, USA

9. LOEY DIETZ SYNDROME AS A RARE CAUSE OF CORONARY ANEURYSMS
   O. Aqdash, Y. Jawaid, A. Amro, K. Mansoor, L. Dial
   Marshall University, Huntington, WV, USA
   Dartmouth Hitchcock Medical Center, Lebanon, NH, USA
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<th>PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: ASSESSMENT AND MANAGEMENT OF RISK FACTORS, LIFESTYLE CHANGES</th>
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<td>A.C. Atanda, E. Mbuy, F. Ogundipe, D. Ugwendum, S. Folaranmi, V. Mallipedi, J. Henry, B. Curry</td>
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<td>Howard University Hospital, Washington, DC, USA</td>
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<td>PREDICTORS OF IN-HOSPITAL MORTALITY AMONG SYSTEMIC LUPUS ERYTHEMATOUS PATIENTS WITH ACUTE MYOCARDIAL INFARCTION</td>
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<td>Baylor College of Medicine, Houston, TX, USA</td>
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P303 STABLE ISCHEMIC HEART DISEASE (continued)

Board No. 18
PREVALENCE OF CORONARY CALCIFICATION ON CT IN PATIENTS WITH ATRIAL FIBRILLATION
B.P. Schwartz
Albany Medical College, Albany, NY, USA

Board No. 19
CLINICAL IMPLICATIONS OF microRNA SCORE IN DISCRIMINATING VASOSPASTIC ANGINA FROM ATEROTRUMBOTIC ANGINA OR NON-CORONARY CHEST PAIN
H.-Y. Lee
Seoul National University Hospital, Seoul, Republic of Korea

Board No. 20
ASIAN-INDIANS: A REVIEW OF CORONARY ARTERY DISEASE IN THIS UNDERSTUDIED COHORT IN THE UNITED STATES
University of Tennessee Health Science Center, Memphis, TN, USA

Board No. 21
INTERVENTIONAL DECISION MAKING WITH FRACTIONAL FLOW RESERVE FOR CULPRIT LESIONS ASSOCIATED WITH LEFT ANTERIOR DESENDING ARTERY MYOCARDIAL BRIDGE
H. Patel, S. Kumar, N.L. Ko Ko, J. John, P. Mathias
University of Central Florida College of Medicine/HCA GME Consortium, Kissimmee, FL, USA

Board No. 22
SHOULD SARCOIDOSIS BE CONSIDERED A RISK FACTOR FOR DEVELOPMENT OF PREMATURE CORONARY ARTERY DISEASE: A CASE OF 40-YEAR OLD FEMALE WITH CORONARY DISEASE AND SARCOIDOSIS
M. Rodriguez Ziccardi, S. Basharat, O. Maludum
Einstein Medical Center, Philadelphia, PA, USA

Board No. 23
AN UNUSUAL CASE OF ACUTE MYOCARDIAL INFARCTION WITH NORMAL CORONARY ARTERIES
S. Khare, E.S. Karreci, J. Aoun, L. Tsao
St. Elizabeth Medical Center/Tufts University School of Medicine, Brighton, MA, USA

P304 HEART DISEASE IN WOMEN

Board No. 24
SPONTANEOUS CORONARY ARTERY DISSECTION, A FATAL DISEASE IN HIDING
A. Sarkar, S. Sennhauser, J. Lee, A. Llanos, M.J. Wood
University of Miami at Holy Cross Hospital, Fort Lauderdale, FL, USA
SATURDAY, JULY 28, 2018

08:00 – 13:00  
Poster Hall

P305  HEART DISEASE IN THE ELDERLY

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25  ABNORMAL COGNITIVE FUNCTION IN ELDERLY PATIENTS WITH HEART FAILURE
C. Techorueangwiwat, A. Ariyachaipanich
Chulalongkorn University, Bangkok, Thailand

26  EXAMINING VARIATIONS IN STROKE RISK FACTORS AND HOSPITAL COST BY AGE AND GENDER IN CALIFORNIA
B. Husaini
Tennessee state University, Nashville, TN, USA

27  PREVALENCE AND CONTROL OF HYPERTENSION IN THE ELDERLY: RESULTS FROM CHINA HYPERTENSION SURVEY, 2012-2015
National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, Beijing, China

P306  MISCELLANEOUS

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28  LOW RISK PULMONARY EMBOLISM PATIENTS CAN BE DISCHARGED FROM EMERGENCY DEPARTMENT: A META-ANALYSIS
A.H. Malik
Westchester Medical Center, Harriman, NY, USA

29  GENERATING BIG DATA OF CARDIOVASCULAR RISK FACTORS THROUGH GEOTAGGED TWITTER MINING
J. Lee, J. Sung
Jackson State University, Madison, MS, USA

30  ACUTE PANCREATITIS MIMICKING ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION IN A PATIENT WITH SYNCOPE
A. Agrawal, J. Penalver, N. Sayyida, M. Rodriguez
Albert Einstein Medical Center, Philadelphia, PA, USA

31  TRANSIENT PULSUS ALTERNANS IN A MINIATURE PINSCHER WITH PULMONIC STENOSIS
W.A. Ware, S. Murphy, A. Cheney
Iowa State University, Ames, IA, USA
SATURDAY, JULY 28, 2018

14:00 - 16:15 Hall A

PL11 Plenary Session
CARDIOVASCULAR DISEASE: DIFFERENT STRATEGIES FOR PRIMARY AND SECONDARY PREVENTION

Chairs:  C.H. Hennekens, Boca Raton, FL, USA  
          R.S. Rosenson, New York, NY, USA

14:00 FASTING IS NOT NECESSARY FOR LIPID TESTING:  
NIHIL PER OS NON IAM  (Invited Lecture)
S. Mora  
Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

14:15 ASPIRIN IN THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: NEED FOR INDIVIDUAL CLINICAL JUDGMENTS  (Invited Lecture)
Charles E. Schmidt College of Medicine, Florida Atlantic University, Boca Raton, FL, USA

14:30 OPTIMIZING STATIN UTILIZATION AND TREATMENT ADHERENCE AMONG PATIENTS WHO DISCONTINUE STATINS DUE TO ADVERSE MUSCLE EVENTS - A PERSONALIZED APPROACH  (Invited Lecture)
R.S. Rosenson  
Icahn School of Medicine at Mount Sinai, New York, NY, USA

14:45 LIFE SIMPLE SEVEN AND INCIDENCE OF CORONARY ARTERY DISEASE: THE MILLION VETERAN PROGRAM  (Invited Lecture)
L. Djousse, Harvard Medical School, Boston, MA, USA

15:00 TESTOSTERONE AND CARDIOVASCULAR DISEASE  (Invited Lecture)
J. Shirani, St. Luke’s University Health Network, Bethlehem, PA, USA

15:15 UPDATE ON PREOP EVALUATION OF PATIENTS UNDERGOING NON-CARDIAC SURGERY  (Invited Lecture)
M. Movahed, CareMore and University of Arizona, Tucson, AZ, USA

15:30 HEARTFUL LIVING: PROGRAM FOR IMPROVING HEALTH & LIFESTYLE THROUGH SELF-AWARENESS  (Invited Lecture)
A. Chockalingam  
University of Missouri, Columbia, MO, USA

15:45 CARDIOVASCULAR DISEASE RISK AND MENOPAUSE: WHAT HAVE WE LEARNED FROM SWAN?  (Invited Lecture)
S.R. El Khouardy  
Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA, USA

16:00 SEX DIFFERENCES IN EXERCISE DURATION TIME AND RISK OF CARDIOVASCULAR DISEASE EVENTS IN HEALTHY ADULTS  (Invited Lecture)
R. Herscovici, E. Mao, J. Mirocha, I. Goldenberg, S. Segev, Y. Charuzi  
Cedars-Sinai Smidt Heart Institute, Los Angeles, CA, USA

16:15 COFFEE BREAK, VISIT EXHIBITION
SATURDAY, JULY 28, 2018
14:00 – 16:00

PL12  Plenary Session

**VASCOULAR BIOLOGY OF ATHEROSCLEROSIS: ROLE IN DISEASE PATHOGENESIS AND AS A THERAPEUTIC TARGET**

Chair:  **E.A.I. Biessen**, Maastricht, The Netherlands
        **Z.S. Galis**, Bethesda, MD, USA

14:00  **MODULATION OF INFLAMMATORY VASCULITIS (IVS) AND ANTI-INFLAMMATORY TREATMENT BY THE GUT MICROBIOTA – A MOUSE HERPESVIRUS IVS MODEL**  (Invited Lecture)
       Biodesign Institute, Arizona State University, Tempe, Arizona, USA

14:15  **DOWNREGULATION OF ENDOTHELIAL BETA-2 SPECTRIN BY INCREASED PLAQUE STIFFNESS INDUCES A LEAKY VESSEL PHENOTYPE IN ATHEROSCLEROTIC PLAQUE MICROVASCULATURE**  (Invited Lecture)
       **E.A. Biessen**, Maastricht University, Maastricht, Netherlands

14:30  **WHAT IF WE HAD A GOOGLE MAP OF THE HUMAN VASCULATURE**  (Invited Lecture)
       **Z.S. Galis**, National Institutes of Health, Bethesda, MD, USA

14:45  **CARDIOVASCULAR AGING AND BIOLOGICAL PATHS TO RESILIENCE**  (Invited Lecture)
       **S. Cheng**, Brigham and Women’s Hospital, Boston, MA, USA

15:00  **DISTINCT ROLES OF CALCIUM & CYCLIC AMP IN ANGIOTENSIN II-INDUCED EXPRESSION OF EARLY GROWTH RESPONSE FACTOR-1 (EGR-1) IN VASCULAR SMOOTH MUSCLE CELLS**  (Invited Lecture)
       **A.K. Srivastava**, CRCHUM, University of Montreal, Montreal, QC, Canada

15:15  **TURNING TRASH TO TREASURE: TARGETING NON-CODING RNAs TO CONTROL ATHEROSCLEROSIS**  (Invited Lecture)
       **M.W. Feinberg**
       Brigham and Women’s Hospital/Harvard Medical School, Boston, MA, USA

15:30  **THE HYDROGEL-ENCAPSULATED T0901317 REDuces ATHEROSCLEROSIS WITHOUT EFFECT ON LIPOGENESIS IN APOE DEFICIENT Mice**  (Invited Lecture)
       C. Ma, K. Feng, X. Yang, Y. Chen, Q. Li, Z. Yang, Y. Duan, **J. Han**
       Nankai University, Tianjin, China

15:45  **LYSOSOMAL CYSTEINE PROTEASES AND DISTURBANCES OF THEIR REGULATION IN ATHEROSCLEROSIS**  (Invited Lecture)
       **T.A. Korolenko**, T.P. Johnston, A.B. Shintyapina
       Institute of Physiology and Basic Medicine, Novosibirsk, Russia

16:00  **COFFEE BREAK, VISIT EXHIBITION**
S26 CARDIAC ARRHYTHMIAS AND SUDDEN DEATH: FROM BASIC MECHANISMS TO STATE-OF-THE-ART MANAGEMENT

Chairs: R.W. Biederman, Pittsburgh, PA, USA
        H. Paydak, Little Rock, AR, USA

14:00 PACEMAKER/ICD IN THE MRI ENVIRONMENT; BEYOND THE MAGNASEAFE TRIAL (Invited Lecture)
Allegheny General Hospital, Pittsburgh, PA, USA

14:15 THERAPEUTIC HYPOThERMIA IN CARDIAC ARREST SURVIVORS WITH PRE-EXISTING CONGESTIVE HEART FAILURE IS NEPHEPROTECTIVE
Wake Forest Baptist Health, Winston Salem, NC, USA

14:30 INFLUENCE OF ANTICOAGULATION ON STROKE AND MORTALITY RATES IN A SUBSET OF PATIENTS WITH ATRIAL FIBRILLATION: REAL WORLD OUTCOMES FROM REVIEW OF A LARGE ELECTRONIC DATABASE
E.A. Bucklew, R. Bazaz, S. Koscumb, O. Marroquin, S. Saba, S. Jain, E. Adelstein
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

14:45 ANALYSIS OF REMOTE MAGNETIC CATHETER NAVIGATION SYSTEMS USE FOR ABLATION PROCEDURES OVER TIME
E. Aziz, O. Reynbakh, I. Khan, S. Sadiq, N. Souvaliotis, J. Aziz, A. Malinay, P. Boktor, D. Mehta
Mount Sinai St Luke’s and Mount Sinai West Hospitals, New York, NY, USA

15:00 TEMPERATURE INTOLERANCE AS A COMMON SYMPTOM IN POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME
Cardiology, The Heartbeat Clinic, McKinney, TX, USA

15:15 PREVALENCE OF PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA (PSVT) IN THE UNITED STATES IN PATIENTS UNDER 65 YEARS OF AGE
N.C. Sacks, P.L. Cyr, S. Bariahtar, A. Sharma, S.G. Green, P. Douville, J.N. Ruskin
Precision Xtract, Boston, MA, USA

15:30 BOTH BYSTANDER’S OWN AND DISPATCHER-ASSISTED RESUSCITATION EFFORTS ARE DEPRESSED DURING NIGHTTIME IN OUT-OF-HOSPITAL CARDIAC ARRESTS WITNESSED BY NON-FAMILY BYSTANDERS
H. Inaba, A. Yamashita, Y. Wato, T. Maeda
Kanazawa University Graduate School of Medicine, Kanazawa, Japan
SATURDAY, JULY 28, 2018

14:00 – 17:00

S26 CARDIAC ARRHYTHMIAS AND SUDDEN DEATH: FROM BASIC MECHANISMS TO STATE-OF-THE-ART MANAGEMENT (continued)

15:45 OUTCOMES OF CATHETER ABLATION OF ATRIAL FIBRILLATION IN PATIENTS WITH DIABETES MELLITUS
M. Bengaluru Jayanna, A.M. Mohsen, G. Palamaner Subash Shantha, C.J. Dezorzi, M.C. Giudici
University of Iowa Hospitals and Clinics, Iowa City, IA, USA

16:00 THE ASSOCIATION BETWEEN PLASMA BIG ENDOTHELIN-1 LEVELS AT ADMISSION AND LONG-TERM OUTCOMES IN PATIENTS WITH ATRIAL FIBRILLATION
S. Wu, Y.M. Yang
National Center for Cardiovascular Diseases, Fuwai Hospital, Beijing, China

16:15 A BENEFIT OF IMPELLA DEVICE IN ABLATION OF SCAR RELATED VENTRICULAR TACHYCARDIA
N.L. Ko Ko, U. Batnyam, U.R. Siddiqui
University of Central Florida, Orlando, FL, USA

16:30 NON-SUSTAINED AND INDUCIBLE SUSTAINED VENTRICULAR TACHYCARDIA IN PACEMAKER PATIENTS
Y. Hanna, M. Arulhasan, W.-C. Sheu, D.A. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

16:45 PURKINJE-FIBER MEDIATED VENTRICULAR ECTOPY INDUCED VF STORM FOLLOWING ANTERIOR WALL MYOCARDIAL INFARCTION
E. Pagan, A. Alam, A. Aboyme, G. Siroky, W. Kostis, J. Coromilas, J. Kassotis, A. Saluja
Rutgers - Robert Wood Johnson University Hospital, New Brunswick, NJ, USA

17:00 COFFEE BREAK, VISIT EXHIBITION
S27 Session
CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT

Chairs:  L. Djousse, Boston, MA, USA
         S. Mora, Boston, MA, USA

16:45 ASSOCIATION BETWEEN 2017 HIGH BLOOD PRESSURE CLINICAL
       PRACTICE GUIDELINE NEWLY-DEFINED HYPERTENSION AND CHANGE
       IN BLOOD PRESSURE ON CARDIOVASCULAR DISEASE AMONG YOUNG ADULTS
       J. Son, S. Choi, K. Kim, S. Kim, G. Lee, S.-M. Jeong, S. Park, Y.-Y. Kim,
       J.-M. Yun, S. Park
       Seoul National University, Seoul, Republic of Korea

17:00 PREFERABLE EFFECTS OF AMLODIPINE/DIURETICS TO
       AMLODIPINE/TELMISARTAN ON VISIT-TO-VISIT VARIABILITY OF
       BLOOD PRESSURE IN HIGH-RISK HYPERTENSIVE PATIENTS
       Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese
       Academy of Medical Science and Peking Union Medical College, Beijing, China

17:15 MOODINESS AND DEPRESSIVE SYMPTOMS IN ADOLESCENCE
       PREDICTS OBESITY AND HYPERTENSION IN ADULTHOOD
       K. Anand, S. Srinivas, S. Rajendran, A. Chockalingam
       University of Missouri, Columbia, MO, USA

17:30 PREDICTORS OF HIGH ON-ASPIRIN PLATELET REACTIVITY IN
       CHINESE ELDERLY PATIENTS
       Peking University First Hospital, Beijing, China

17:45 PREVENT AND INTERCEPT AMI (ACUTE MYOCARDIAL INFARCTION)
       RISK WITH ANARTIFICIAL INTELLIGENT SYSTEM
       L. Ma, L. Tao, C.W. Ma, Y. Ge, M. Han, G. Li, L. Ma, Z. Wu, P. Yu, Y. Yang
       Beijing Yiwan Technologies, Beijing, China

18:00 ASSOCIATION BETWEEN AIR POLLUTION AND CARDIOVASCULAR
       DISEASES DURING DUST STORMS IN TAIWAN
       H.-R. Guo, S.-W. Yang
       National Cheng Kung University, Tainan, Taiwan

18:15 CARDIOVASCULAR SAFETY AND POTENTIAL BENEFIT OF 5-ALPHA
       REDUCTASE INHIBITOR USE AMONG MALES AND BPH PATIENTS,
       A KOREAN NATIONAL COHORT
       J. Chang, S. Park
       Seoul National University Graduate School, Seoul, Republic of Korea
S27   Session
CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT (continued)

Abstract No.

18:30   CARDIOVASCULAR DISEASE IN HIV INFECTED PATIENTS –
A RETROSPECTIVE REVIEW AT A SINGLE CENTER IN MIAMI
G. Zablah, F. Pyrali, R. Iordanov, T. Haque, R. Parmar, C. Martinez
University of Miami/Jackson Memorial Hospital, Miami, FL, USA

18:45   THE ROLE OF THE CARDIOLOGIST IN THE PREOPERATIVE
EVALUATION OF THE BARIATRIC SURGERY PATIENT
L.A. Bucklew, E.A. Bucklew
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

19:00   ASSOCIATION BETWEEN SMOKELESS-TOBACCO USE AND
CARDIOVASCULAR DISEASE: AN ANALYSIS OF THE 2015 BRFSS DATA
P. Ndunda, D. Rakestraw
University of Kansas School of Medicine – Wichita, Wichita, KS, USA

19:15   IDEAL CARDIOVASCULAR HEALTH STATUS AND RISK OF
CARDIOVASCULAR DISEASE OR ALL-CAUSE MORTALITY IN A CHINESE
MIDDLE AGED POPULATION
Y. Dong, G. Hao, Z. Wang, X. Wang, Z. Chen, L. ZhangPO1
NCCD, Fuwai Hospital, Pecking Union Medical College, CAMS, Beijing, China
S28  Session  HEART FAILURE: NOVEL RISK FACTORS, PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOMES

Chairs: M. Dandel, Berlin, Germany  
        J. Veselka, Czech Republic

Abstract No.  

16:45  BETA3-ADRENERGIC RECEPTOR BLOCKADE BY APD418  ENHANCES CARDIAC POSITIVE INOTROPIC AND LOSETROPIC RESPONSES TO DOBUTAMINE IN HEART FAILURE ASSESSMENT BY PRESSURE-VOLUME ANALYSIS  
       Wake Forest School of Medicine, Winston-Salem, NC, USA

17:00  NOVEL HEART FAILURE PROTOCOL DRAMATICALLY REDUCES HOSPITAL READMISSIONS FROM SKILLED NURSING FACILITIES  
       N.J. Trivedi, K. Duffy, J. Bander, A. Ali, R. Bhandari  
       Mount Sinai Hospital System, New York, NY, USA

17:15  ELEVATED SERA SST2 PREDICTS HEART FAILURE IN MEN UNDER THE AGE OF 50 WITH CLINICAL SUSPECTED MYOCARDITIS  
       Mayo Clinic, Jacksonville, FL, USA

17:30  A STUDY TO IDENTIFY THE PREDICTORS OF RE-ADMISSIONS IN PATIENTS WITH CONGESTIVE HEART FAILURE IN MINORITY POPULATION IN AN INNER-CITY HOSPITAL  
       S. Hanif, P. Kakarla, N. Bhalodkar, A. Zhang, G. Kamalakannan  
       Bronx Lebanon Hospital Center, Bronx, NY, USA

17:45  ASSOCIATION BETWEEN CHRONIC KIDNEY DISEASE AND READMISSION RATE IN PATIENTS HOSPITALIZED WITH HEART FAILURE  
       R. Alreshq, H. Patel, S. Purga, S. Fein, E. Philbin, M. Torosoff, R. Lyubarova  
       Albany Medical College, Albany, NY, USA

18:00  PREVALENCE OF COGNITIVE IMPAIRMENT AND EFFECT ON REHOSPITALIZATION IN PATIENT WITH ACUTE HEART FAILURE  
       J. Kewcharoen, C. Techourueangwiwat, W. Laosanguanek, T. Tiensuntisook, A. Ariyachaipanich  
       Chulalongkorn University, Bangkok, Thailand

18:15  ASSESSING THE COMPONENTS OF THE NEWLY REPORTED ASA SCORE  
       Rutgers - Robert Wood Johnson University Hospital, Rahway, NJ, USA  
       T.S. Davies, H. Gallagher, F. Jaafar, J.W. Moss, T.R. Hughes, D.P. Ramji  
       School of Biosciences, Cardiff University, Cardiff, UK
S28 Oral Session
HEART FAILURE: NOVEL RISK FACTORS, PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOME (continued)

18:30 VALIDATION OF THE ARABIC VERSION OF THE MINNESOTA LIVING WITH HEART FAILURE QUESTIONNAIRE
American University of Beirut, Beirut, Lebanon

18:45 CONTEMPORARY RETROSPECTIVE REVIEW OF HEART FAILURE READMISSIONS AT AN ACADEMIC MEDICAL CENTER
M. Almujam, M. Ghanim, G. Yesodharan, M. Afari, L. Tsao
St Elizabeth’s Medical Center, Boston, MA, USA
Ain Shams University, Cairo, Egypt

19:00 PREDICTORS OF HYPERBILIRUBINEMIA AMONG PATIENTS WITH NON-ISCHEMIC HEART FAILURE AND PROGNOSTIC IMPLICATIONS
New York Medical College, Metropolitan, New York, NY, USA
Cardiff Metropolitan University, Cardiff, UK
S29  
**Session**  
**DIAGNOSIS AND MANAGEMENT OF AORTA AND PERIPHERAL VASCULAR DISEASES**  

**Chairs:**  
**J.G. Regensteiner**, Aurora, CO, USA  
**T. Tomaru**, Tokyo, Japan

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**17:00**  
**DO EMERGENCY MEDICAL SERVICE SYSTEMS PROPERLY ASSESS THE RISK OF ACUTE AORTIC SYNDROME AND TRANSPORT THE PATIENTS TO THE RIGHT HOSPITALS? IMPACT OF EMS ASSESSMENT AND TRANSPORTATION IN OUTCOMES**  
**H. Inaba**, A. Yamashita, Y. Yoshita, Y. Wato  
Kanazawa University Graduate School of Medicine, Kanazawa, Japan

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**17:15**  
**THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE: RESULTS FROM THE CHINA HYPERTENSION SURVEY, 2012-2015**  
National Center of Cardiovascular Disease, FUMAI Hospital PUMC & CAMS, Beijing, China

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**17:30**  
**PROFILES OF PERIPHERAL ARTERIAL DISEASE INTERVENTIONS IN A NETWORK OF FREESTANDING OUTPATIENT CLINICS**  
National Cardiovascular Partners, Houston, TX, USA

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**17:45**  
**NOVEL MURINE DEEP VENOUS THROMBOSIS (DVT) MODEL ENABLES REAL-TIME IN VIVO IMAGING OF CLINICALLY RELEVANT DVT**  
Kobe University Graduate School of Medicine, Kobe, Japan

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**18:00**  
**METABOLIC BIOMARKERS OF CAROTID ATHEROSCLEROSIS IN CHINESE MIDDLE-AGED AND ELDERLY MEN**  
**W. Liu**, M. Liu, Y. Yang, Y. Liu  
Peking University First Hospital, Beijing, China

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**18:15**  
**HIGH PREVALENCE OF INTERNAL ELASTIC LAMINA CALCIFICATION IN AN ELDERLY POPULATION: A CADAVERIC STUDY**  
**J.D. Davydov**, D. Moussouros, H.J. Begmatov, S. Cheema, A. Sherwani, Z. Ghani, K. Damiris, B.L. Beatty, M.M. Plummer, O.V. Savinova  
NYIT College of Osteopathic Medicine, Old Westbury, NY, USA  
Mayo Clinic, Rochester, MN, USA
### SATURDAY, JULY 28, 2018

**13:30 – 18:30**

**Poster Hall**

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**P401 ATRIAL FIBRILLATION: CAUSES, SYMPTOMS AND TREATMENT**

1. **THE LEFT ATRIAL APPENDAGE FRACTAL DIMENSION IN ATRIAL FIBRILLATION**
   - Thomas Jefferson University Hospital, Philadelphia, PA, USA

2. **AGREEMENT BETWEEN A MEDTRONIC PACEMAKER AND LINQ IN REPORTING PAROXYSMAL ATRIAL FIBRILLATION**
   - **J. Kneller**
   - Astria Heart Institute, Yakima, WA, USA

3. **PULMONARY VEIN STENOSIS AFTER RADIOFREQUENCY ABLATION FOR ATRIAL FIBRILLATION**
   - **G. Li, J. Sun, D. Han, J. Wu, C. Sun, L. Xu**
   - The First Affiliated Hospital of Xi’an Jiaotong University, Xi’an, China

4. **THE BLEB THAT BLED, A HITHERTO UNREPORTED CASE OF HEMOTHORAX OCCURRING AS A COMPLICATION OF ELECTRODE CATHETER ABLATION TO TREAT ATRIAL FIBRILLATION**
   - **H.E. Matos Santana**, S. Winters, D. Markley, C. Fabrizio
   - Morristown Medical Center, Morristown, NJ, USA

**P402 SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY**

5. **PREDICTION OF “SUPER-RESPONSE” TO CARDIAC RESYNCHRONIZATION THERAPY BY SURFACE ECG FINDINGS IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK - A PILOT STUDY**
   - **N. Kocovic**, J. Newland, A. Carleen, M. DeCaro, B. Pavri
   - Sidney Kimmel Medical College, Philadelphia, PA, USA

6. **A REVIEW OF SUDDEN UNEXPLAINED NOCTURNAL DEATH SYNDROME (SUNDS) AND THE ROLE OF EXTERNAL STRESS IN SOUTHEAST ASIAN POPULATIONS**
   - **K. Lo**
   - UCLA, Los Angeles, CA, USA

7. **PHYSICIAN PERCEPTION SURVEY REGARDING ABBOTT (FORMERLY ST. JUDE) CYBERSECURITY VULNERABILITIES AND FIRMWARE UPGRADE FOR PACEMAKERS**
   - University of Kansas Medical Center, Kansas City, KS, USA
### SATURDAY, JULY 28, 2018

#### 13:30 – 18:30

**P402 SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY (continued)**

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**RUNNING TO A STANDSTILL: CARDIAC ARREST IN A HEALTHY MARATHON RUNNER WITH A MYOCARDIAL BRIDGE**

**A. Cubberley**, C. Ngongang, S. Banka
Drexel University College of Medicine/Hahnemann University Hospital, Philadelphia, PA, USA

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**A HIDDEN CASE OF HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY RELATED SUDDEN CARDIAC ARREST UNDER THE GUISE OF ACUTE ST ELEVATION MYOCARDIAL INFARCTION IN AN ELDERLY MALE**

**M. Anderson**, M. Rodriguez Ziccardi
Albert Einstein Medical Center, Philadelphia, PA, USA

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**WEARABLE CARDIOVERTER DEFIBRILLATOR “THE LIFESTE”: DEVICE DESIGN, LIMITATIONS, AND AREAS OF IMPROVEMENT**

**V. Chinta**, M. Agarwal, N. Khouzam, A. Nanda, U. Ashraf, J. Kelly, I. Pour-Ghaz, A. Sharma, R. Khouzam
Arkansas Methodist Medical Center, Jonesboro, AR, USA

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**A RARE CASE OF PACEMAKER-DEFIBRILLATOR DEVICE INFECTION CAUSED BY ACHROMOMOBACTER XYLOSOXIDANS**

**S.A. Raza**, R. Collazo-Maldonado, L. Hunter
Methodist Health System- Dallas, Dallas, TX, USA

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**TWIDDLER’S SYNDROME IN A PATIENT WITH TARDIVE DYSKINESIA**

**S. Shrestha**, A.C. Shah, M. Polomsky, S.I. Winters
Morristown Medical Center, New Jersey, NJ, USA

### P403 ARRHYTHMIAS AND ELECTROPHYSIOLOGY

| 13         | 304          |

**CLINICAL CHARACTERISTICS AND OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT WITHOUT LVH BY VOLTAGE CRITERIA**

Albany Medical Center, Albany, NY, USA

| 14         | 305          |

**ELECTROCARDIOGRAPHIC ABNORMALITIES IN SICKLE CELL PATIENTS IN A MAJOR METROPOLITAN CENTER**

University of Texas Health Science Center at Houston, Houston, TX, USA

| 15         | 306          |

**PREVALENCE AND CLINICAL IMPLICATIONS OF LEFT VENTRICULAR HYPERTROPHY BY VOLTAGE CRITERIA IN TAVR RECIPIENTS**

Albany Medical Center, Albany, NY, USA
16 ELECTROCARDIOGRAPHIC PREDICTORS OF ARRHYTHMIA AFTER TRANSJUGULAR INTRAHEPATIC PORTOSYSTEMIC SHUNT
J.L. Penalver, A. Agrawal, P. Ram, M. Rodriguez Ziccardi, D. Brito,
F. Aguilar, M. Pitteloud, A. Mora, V. Figueredo
Einstein Medical Center, Philadelphia, PA, USA

17 INTRAVENOUS SALINE PROVIDES SYMPTOMATIC RELIEF FOR PATIENTS WITH POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME (POTS)
W. Almardini, M.A. Nasri, H. Mistry, S.B. Alam, N. Joy, K. Munez, S. Alam,
A. Suleman
The Heartbeat Clinic, McKinney, TX, USA

18 HYPOTHYROIDISM IN POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME (POTS) PATIENTS
W. Chaudhary, M.A. Nasri, W. Almardini, N. Chaudhary, S. Alam,
S.B. Alam, H. Mistry, K. Munez, N. Joy, A. Suleman
The Heartbeat Clinic, McKinney, TX, USA

19 FEVER-INDUCED BRUGADA PATTERN IN A HISPANIC PATIENT
J.M. Stempel, A. Tiu, N. Candelario, A. Mora, D. Brito
Ebert Einstein Medical Center, Philadelphia, PA, USA

20 SLOW VENTRICULAR TACHYCARDIA
M.A. Arif, R. Samannan, U. Bhatti, C.H. May
University of Oklahoma, Oklahoma City, OK, USA

21 CALMING THE STORM - A CHALLENGING PRESENTATION OF A PATIENT WITH ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY AND RECURRENT VENTRICULAR TACHYCARDIA
N.K.O. Onuorah, A. Ekiz, J. Pollock
Wright State University, Dayton, OH, USA

22 FASCICULAR VENTRICULAR TACHYCARDIA IN A 28-YEAR-OLD MALE WITH FUNGAL INFECTION
J.L. Penalver, M. Zabad, E. Franco, F. Aguilar, S. Basharat, A. Mora,
S. Mainigi, B. Cepeda
Einstein Medical Center, Philadelphia, PA, USA

23 BRUGADA PHENOCOPY, NOT A COPY OF BRUGADA SYNDROME
M. Patel, A. Patel, A. Goud, A. Mukherjee, I. Alesh, R. Pai, P. Sethi
University of California, Riverside, Riverside, CA, USA.
P403 ARRHYTHMIAS AND ELECTROPHYSIOLOGY (continued)

Board No.  Abstract No.
24  REFRACTORY ELECTRICAL STORM IN CHAGAS CARDIOMYOPATHY: IS HEART TRANSPLANT THE LAST OPTION? 315
Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

25  LEV’S DISEASE IN A YOUNG ADULT WITH BICUSPID AORTIC VALVE 316
S. Vallabhaneni, R. Aurshiya, S.J. Meera, S. Pakniyat, D. Traub, J. Shirani
St. Luke’s University Health network, Bethlehem, PA, USA

P404 PERCUtANEOUS CORONARY INTERVENTION

26  LONG TERM COMPARISON OF PLATINUM CHROMIUM-BASED EVEROLIMUS-ELUTING STENT VERSUS COBALT CHROMIUM-BASED ZOTAROLIMUS-ELUTING STENT: 3-YEAR OUTCOMES FROM THE HOST-ASSURE RANDOMIZED CLINICAL TRIAL 317
K. Park, C. Kim, J. Kang, H.-S. Kim
Seoul National University Hospital, Seoul, Republic of Korea

27  RADIAL VS FEMORAL ACCESS IN PATIENTS WITH HISTORY OF CORONARY ARTERY BYPASS GRAFTING (CABG) WHO ARE UNDERGOING DIAGNOSTIC CORONARY ANGIOGRAPHY VS PERCUtANEOUS CORONARY INTERVENTION (PCI): META-ANALYSIS 318
Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA

28  SIMPLIFIED TECHNIQUE FOR CORONARY ANGIOGRAPHY IN PATIENTS WITH DEXTROCARDIA WITH SITUS INVERSUS 319
J. Crisafi, A. Agarwal
Kettering Medical Center/Dayton VA Medical Center, Dayton, OH, USA

29  SAME DAY DISCHARGE PCI: HIGH CLINICAL RISK PATIENTS 320
J. Telayna, Jr., E. Martino, R. Costantini, J. Telayna, Sr.
Hospital Universitario Austral, Pilar - Buenos Aires, Argentina

30  SAME DAY DISCHARGE PCI: HIGH ANGIOGRAPHIC RISK 321
J. Telayna, Jr., R. Costantini, Sr., E. Martino, Sr., J. Telayna, Sr.
Hospital Universitario Austral, Pilar - Buenos Aires, Argentina

31  IMPELLA VERSUS INTRA-AORTIC BALLOON PUMP IN CARDIOGENIC SHOCK POST PERCUtANEOUS CORONARY INTERVENTION 322
N. Shah
Internal Medicine, St Mary Mercy Hospital, Livonia, MI, USA
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<td>I. Baig, S. Ahmed, C. Patel, S. Green</td>
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<td>Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA</td>
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<td>Saint Elizabeth Medical Center, Brighton, MA, USA</td>
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<td>N. Shah</td>
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<td>St Mary Mercy Hospital, Livonia, MI, USA</td>
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PL13  Plenary Session
CORONARY ARTERY DISEASE: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS AND TREATMENT

Chairs:  J.A. Filep, Montreal, QC, Canada
         U. Thadani, Oklahoma City, OK, USA

08:30  THE ASSOCIATION OF CONCOMITANT SERUM POTASSIUM AND GLUCOSE LEVELS AND IN-HOSPITAL MORTALITY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION (Invited Lecture)
       Y. Plakht, A. Shiyovich, H. Gilutz
       Ben-Gurion University of the Negev, Beer-Sheva, Israel

Abstract No. 329

08:45  SPONTANEOUS CORONARY ARTERY DISSECTION: FURTHER INSIGHTS UTILISING BIG DATA (Invited Lecture)
       R. Potluri
       ACALM, Birmingham, UK

Abstract No. 330

09:00  DAYLIGHT SAVING TIME AND ACUTE MYOCARDIAL INFARCTION: DOES A GENDER-ORIENTED DIFFERENCE EXIST? (Invited Lecture)
       R. Manfredini, F. Fabbian, B. Zucchi, R. Cappadona
       Center for Studies on Gender Medicine, University of Ferrara, Ferrara, Italy

Abstract No. 331

09:15  INDIVIDUALIZATION OF OPTIMAL TREATMENT FOR STABLE ANGINA PECTORIS: AN ONGOING CHALLENGE (Invited Lecture)
       U. Thadani
       University of Oklahoma HSC, Oklahoma City, Oklahoma and VA Medical Center, Oklahoma City, OK, USA

Abstract No. 332

09:30  ENHANCING INFLAMMATION RESOLUTION IN ACUTE CORONARY ARTERY DISEASE: THE NEXT FRONTIERS FOR THERAPY? (Invited Lecture)
       J.G. Filep
       University of Montreal, Montreal, QC, Canada

Abstract No. 333

09:45  INTRAVASCULAR ULTRASOUND (IVUS): CURRENT STATUS AND FUTURE PROSPECTS (Invited Lecture)
       M. Terashima
       Toyohashi Heart Center, Toyohashi, Japan

Abstract No. 334

10:00  PLACEBO: POWER OF NON-SPECIFIC TREATMENT EFFECTS (Invited Lecture)
       G. Barsness
       Mayo Clinic, Rochester, MN, USA

Abstract No. 335
PL13  Plenary Session
CORONARY ARTERY DISEASE: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS AND TREATMENT (continued)

Abstract No.

10:15  EMS GUIDED PRIMARY PCI MADE A DRAMATIC IMPACT ON POSITIVE STEMI CARE (Invited Lecture)
H. Reddy, R.C. Komatireddy, R. Sharma
University of Arkansas Medical School, Little Rock, AR, and St. Louis University Medical School, St. Louis, MO, USA

10:30  ATHEROSCLEROSIS IN ANCIENT MUMMIES (Invited Lecture)
M. Madjid
McGovern School of Medicine, Houston, TX, USA

10:45  THE NOVEL SMALL LEUCINE RICH-REPEAT PROTEIN PODOCAN IS A SELECTIVE SYSTEMIC AND LOCAL REGULATOR OF SMOOTH MUSCLE CELL FUNCTION VIA THE CANONICAL WNT-PATHWAY: LESSONS LEARNED IN MICE AND MEN (Invited Lecture)
R. Hutter
Bassett Medical Center, Cooperstown, NY, USA

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL14  Plenary Session
STEPS FORWARD IN UNDERSTANDING AND MANAGEMENT OF CARDIOMYOPATHY AND HEART FAILURE: BASIC AND CLINICAL

Chairs:  M.R. Johnson, Madison, WI, USA
         L. Mestroni, Aurora, CO, USA

08:30  THROMBOLYTICS VERSUS PUMP EXCHANGE IN VAD MANAGEMENT: SHOULD WE USE A TAILORED APPROACH?  (Invited Lecture)  
       N. Nair  
       Texas Tech Health Sciences Center, Lubbock, TX, USA

08:45  DO NEW STUDIES/DEVICES TIP THE BALANCE TO EARLIER LVAD IMPLANTATION AS DESTINATION THERAPY?  (Invited Lecture)  
       M.R. Johnson  
       University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

09:00  GENETICS IN THE MANAGEMENT OF DILATED CARDIOMYOPATHY  (Invited Lecture)  
       L. Mestroni  
       University of Colorado Anschutz Medical Campus, Aurora, CO, USA

09:15  TARGETING CaMKII IN HEART FAILURE  (Invited Lecture)  
       Y. Wang, J. Cheng  
       Zhongnan Hospital of Wuhan University, Wuhan, China

09:30  HOME HOSPITALIZATION FOR ACUTE DECOMPENSATED HEART FAILURE: OPPORTUNITIES AND STRATEGIES FOR IMPROVED HEALTH OUTCOMES  (Invited Lecture)  
       M. Silver, University of Illinois, Chicago, IL, USA

09:45  MECHANISMS OF DCM DUE TO CELL CYCLE STRESS  (Invited Lecture)  
       B.S. Tuana, University of Ottawa, Ottawa, ON, Canada

10:00  SILENCING OF THE CARDIAC 18-kDa TRANSLOCATOR PROTEIN PREVENTS HEART FAILURE DUE TO PRESSURE OVERLOAD  (Invited Lecture)  
       S. Schaefer, E.N. Dedkova, P.N. Thai  
       University of California Davis, Davis, CA, USA

10:15  THE TRIALS AND TRIBULATIONS OF SLOW CONTINUOUS ULTRAFILTRATION FOR MANAGEMENT OF ACUTE HEART FAILURE – AN UPDATE FOR 2018  (Invited Lecture)  
       A. Kazory, University of Florida, Gainesville, FL, USA

10:30  IMPACT OF EXERCISE TRAINING ON DIASTOLIC FUNCTION IN HFPEF: GATHERING EVIDENCE FROM CLINICAL AND PRE-CLINICAL STUDIES  (Invited Lecture)  
       D. Moreira-Goncalves, University of Porto, Porto, Portugal

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S30  Session
NEW CONCEPTS IN CARDIOVASCULAR DISEASE AND TREATMENT OUTCOMES

Chairs:  S. Cheng, Boston, MA, USA
         J. Shirani, Bethlehem, PA, USA

08:30  HEALTHCARE RESOURCE USE AND EXPENDITURES IN PATIENTS
       UNDER 65 YEARS OF AGE AND NEWLY DIAGNOSED WITH PAROXYSMAL
       SUPRAVENTRICULAR TACHYCARDIA (PSVT) IN THE UNITED STATES
       N.C. Sacks, S. Bariahtaris, A. Sharma, K. Everson, P.L. Cyr, P. Douville,
       J.N. Ruskin
       Precision Xtract, Boston, MA, USA

08:45  PREDICTORS OF HEALTH-RELATED QUALITY OF LIFE AFTER FIELD-TRIAGE
       TO PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR NON-
       COMPLICATED ST-ELEVATION MYOCARDIAL INFARCTION: AN AGE COMPARISON
       STUDY
       S.Y. Soo Hoo, Royal North Shore Hospital, Sydney, Australia

09:00  ACUTE AND CHRONIC ELEVATION OF CARDIAC TROPONIN PREDICT THE
       SEVERITY OF CORONARY ARTERY DISEASE IN PATIENTS WITH END-STAGE
       RENAL DISEASE
       M.B. Taha, M. Alom, Y. Abdelgadir, O. Hadid, A. Sharma, V. Yelamanchili, R. Naik,
       N. Haidar, S. Hussain, C. Arsene
       Wayne State University/Detroit Medical Center, Detroit, MI, USA

09:15  LESS IS MORE - RESTRICTIVE TRANSFUSION STRATEGY IN CORONARY
       ARTERY DISEASE PATIENTS RESULTS IN SHORTER LENGTH OF STAY
       NYU Winthrop Hospital, Mineola, NY, USA

09:30  VALIDATION AND COMPARISON OF RESTING GRADIENT TO FRACTIONAL
       FLOW RESERVE FOR ASSESSMENT OF CORONARY ARTERY STENOSIS
       J. Aoun, S. Lahsaei, C. Zahm, T. Bhat, J.P. Carrozza
       Saint Elizabeth’s Medical Center, Brighton, MA, USA

09:45  DEATH REPORTS AMONGST NOACS AND WARFARIN USERS. A STRATIFIED
       ANALYSIS OF FAERS DATA
       F.F. Richy, Public Health and Epidemiology, University of Liege, Liege, Belgium

10:00  PREDICTORS OF OUTCOME IN PATIENTS TRANSFERRED DIRECTLY TO
       CARDIAC INTENSIVE CARE UNIT VIA INTER-HOSPITAL TRANSFER
       B. Ternus, J. Jentzer, S. Kopecky, G. Barsness, Mayo Clinic, Rochester, MN, USA

10:15  POSTOPERATIVE TROPONIN ELEVATIONS PORTEND A HIGH MORTALITY
       RISK EVEN IN LOW-RISK PATIENTS
       E. Pivato, S. Vasireddi, L. James, M. Kondapaneni
       MetroHealth Medical Center, Cleveland, OH, USA

10:30  LONG-TERM PROGNOSTIC VALUE OF CORONARY ANGIOGRAPHY IN
       MEDICALLY TREATED PATIENTS
       N.A. de Souza e Silva
       Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S31 Session
ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT

Chairs: G. Barsness, Rochester, MN, USA
        L.M. Biasucci, Rome, Italy

11:15 FALSE CATHETERIZATION ALERTS: ECG CLUES AND ECONOMIC IMPACT
Albert Einstein Medical Center, Philadelphia, PA, USA

11:30 EFFECT OF TIME OF DAY ON OUTCOMES OF PCI FOR STEMI
A. Karnik, J. Lee, E. Choi, J. Aguilar, S. Li, V. Kumar, S. Conley, N.W. Niles, II, B.W. Andrus, J.T. DeVries
Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

11:45 PREDICTIVE VARIABLES OF LONG TERM OUTCOME IN PATIENTS UNDERTAKING COMPLEX PERCUTANEOUS CORONARY INTERVENTIONS. THE ERACI RISK SCORE
Sanatorio Otamendi, Buenos Aires, Argentina

12:00 ASSOCIATION BETWEEN E-CIGARETTE USE AND CARDIOVASCULAR DISEASE
P. Ndunua, T. Muutu
University of Kansas School of Medicine - Wichita, KS, USA

12:15 IMPACT OF FAMILY HISTORY OF CORONARY ARTERY DISEASE ON IN-HOSPITAL CLINICAL OUTCOMES IN ST-SEGMENT MYOCARDIAL INFARCTION
U. Ashraf, A. Sharma, A. Nanda, J. Kelly, V. Chinta, I. Pour-Ghaz, R. Khouzam
University of Tennessee, Memphis, TN, USA

12:30 MARIJUANA (CANNABIS) USE IS AN INDEPENDENT PREDICTOR OF ADVERSE OUTCOMES IN PRINZMETAL’S ANGINA
A. Singh, R. Aurshya, S. Pakniyat, J. Shirani
St. Luke’s University Health network, Bethlehem, PA, USA

12:45 ANTIPLATELET DRUG RESISTANCE IN ASIAN POPULATION
S.A.P. Sadath, G. Vijayaraghavan
Nizar Cardiac Centre, Malappuram, India

13:00 MYOCARDIAL ISCHEMIA IN TRUE (IIA SUBTYPE) ISOLATED SINGLE CORONARY ARTERY
A. Sinha, R. Kumar, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA
S31  Session
ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT (continued)

13:15  MYOCARDIAL BRIDGES DIAGNOSTICS
O. Gogayeva, V. Lazoryshynets, I. Dzakhoieva, S. Rudenko, S. Salo
National Amosov Institute of Cardiovascular Surgery NAMS of Ukraine,
Kiev, Ukraine

13:30  INTERNUCLEAR OPHTHALMOPEGIA, A RARE NEURO
OPHTHALMOLOGIC COMPLICATION OF CARDIAC CATHETERIZATION
S. Kumar, H. Patel, A. Rajasekaran, J. Morales Lappot, T. Lee, S. Hussain
University of Central Florida College of Medicine, Orlando, FL, USA

13:45  THERE IS NO SIGNIFICANT ASSOCIATION BETWEEN ADMISSION
GLOMERULAR FILTRATION RATE AND LOCATION OR SEVERITY OF CORONARY ARTERY DISEASE
T. Oliver, P. Sethi, A. Jbeli, M. Omar, P. Thompson, J. Devasahayam, U. Krishnan
USD Sanford School of Medicine, Sioux Falls, SD, USA
S32 Session
CARDIOMYOPATHY, HEART FAILURE AND PULMONARY HYPERTENSION: NOVEL APPROACHES FOR DIAGNOSIS AND TREATMENT

 Chairs:  M.A. Silver, Oak Lawn, IL, USA
          Y. Wang, Wuhan, China

Abstract No.

11:15 A NOVEL SELECTIVE HUMAN BETA3-ADRENERGIC RECEPTOR ANTAGONIST OF APD418 IMPROVED LEFT VENTRICULAR AND CARDIOMYOCYTE FUNCTIONAL PERFORMANCE IN CONSCIOUS, CHRONICALLY-INSTRUMENTED DOGS WITH PACING-INDUCED HEART FAILURE
Wake Forest School of Medicine, Winston-Salem, NC, USA

11:30 PVC INDUCED CARDIOMYOPATHY: RISK ASSESSMENT
C. Sineri, W. Sheu, T. Ejigu, H. Kalinga, D. Bloomfield
Richmond University Medical Center, Staten Island, NY, USA

11:45 ECHOCARDIOGRAPHIC PREDICTORS OF NEW ONSET TACHYARRHYTHMIA INDUCED CARDIOMYOPATHY
N. Thinda, B. Khatri, C. Katikireddy
VA CCHS / UCSF Fresno, Fresno, CA, USA

12:00 GENOME EDITING THERAPY FOR DUCHENNE MUSCULAR DYSTROPHY-ASSOCIATED CARDIOMYOPATHY
L. Xu, Y. Lau, Y. Gao, J. Ma, R. Han
The Ohio State University, Columbus, OH, USA

12:15 STRESS CARDIOMYOPATHY ASSOCIATED WITH COCAINE USE
A. Singh, R. Aursiya, S. Pakniyat, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA

12:30 COST EFFECTIVENESS OF SIMPSON’S BIPLANE METHOD & EARLY PREDICTORS OF LEFT VENTRICULAR DYSFUNCTION IN BREAST CANCER PATIENTS TREATED WITH TRASTUZUMAB
K. Bhamidipati, A. Ali, B. Skaria, K. Mahmood, G. Pulikal
Heart of England NHS Trust, Solihull, UK

12:45 UNDERRATED AND DIAGNOSED: CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH)
A. Shah, S. Shrestha, C. Cabral
Morristown Medical Center, Morristown, NJ, USA
13:00  OBESITY PARADOX IN RECREATIONAL DRUG USERS: ARE HEART FAILURE OUTCOMES AFFECTED?
A. Akinlonu, T.O. Mene-Afejuku, P.D. Lopez, C. Dumancas, O. Ola, E.M. Ngo,
A. Savadkar, F. Visco, S. Mushiyev, G. Pekler
New York Medical College, Metropolitan Hospital Center, New York, NY, USA

13:15  RELATIONSHIP BETWEEN PULMONARY HYPERTENSION AND OUTCOMES AMONG PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION
T.O. Mene-Afejuku, C. Dumancas, A. Akinlonu, P.D. Lopez, H.A. Reyes, E.H. Cativo,
G. Pekler, F. Visco, S. Mushiyev
New York Medical College, Metropolitan, New York, NY, USA
SUNDA, JULY 29, 2018

11:15 - 13:30

S33 Session
VALVULAR AND STRUCTURAL HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS

Chairs: H.P. Chaliki, Scottsdale, AZ, USA
        A.N. Cheema, Toronto, ON, Canada

11:15 ACQUIRED AORTIC ATRESIA CATHETER THERAPY USING COVERED STENTS
S.S. Mohsin, T. Momenah, K. Al Khalaf, A. Alsahari
Prince Sultan Cardiac Center, Riyadh, Saudi Arabia

11:30 ORIFICE ECCENTRICITY ACCENTUATES FLOW DISTURBANCE DUE TO SEVERE MITRAL ANNULAR CALCIFICATION (Invited Lecture)
E.J. Friend, B. El-Sayegh, G.S. Pressman, G. Di Labbio, E. Obasare, L. Kadem
Einstein Healthcare Network, Philadelphia, PA, USA

11:45 PEDIATRIC AND ADULT CONGENITAL ARRHITMIA MANAGEMENT: TECHNIQUES AND CHALLENGES (Invited Lecture)
S. Das, University of Arkansas for Medical Sciences, Little Rock, AR, USA

12:00 RHYTHM DISTURBANCES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT: A STRATEGY OF SURVEILLANCE
S. Lilly, M. Skaf, N. Makki, N. Matre, K. Boudoulas, G. Rushing
The Ohio State University, Columbus, OH, USA

12:15 STROKE AS PRESENTING SIGN OF CONGENITALLY UNICUSPID AORTIC VALVE
S. Vallabhaneni, R. Aurshiya, S. Meera, S. Pakniyat, J. Shirani
St. Luke’s University Health Network, Bethlehem, PA, USA

12:30 A REVIEW OF RACIAL DISPARITIES IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)
A. Sharma, T. Bob-Manuel, A. Nanda, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

12:45 NEW ONSET CONGESTIVE HEART FAILURE FOLLOWING NEW LEFT BUNDLE BRANCH BLOCK AFTER TRANS-CATHETER AORTIC VALVE REPLACEMENT: A CASE REPORT
M. Katayama, D. Fortuin, J. Sweeney, M. Belohlavek, H. Chaliki
Mayo Clinic, Scottsdale, AZ, USA

13:00 AN EXAMINATION OF ACCESS SITE COMPLICATIONS IN TRANSCUTANEOUS AORTIC VALVE REPLACEMENT: RISK FACTORS, POTENTIAL PREVENTION, AND TREATMENT
J. Kelly, A. Nanda, I. Pour-Ghaz, U. Ashraf, A. Sharma, A. Sharma, V. Chinta, R.N. Khouzam
University of Tennessee Health Science Center, Memphis, TN, USA

13:15 MY WORST COMPLICATION JUST HAPPENED
I. Baig, S. Ahmed, C. Good, A. Alsaid, S. Agarwal
University, Geisinger Medical Center, Danville, PA, USA
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<td>Inje University, Busan, Republic of Korea</td>
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<td>Cardiovascular Division, St. Louis, MO, USA</td>
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<td>LIPID LYSOPHOSPHATIDYLCHOLINE-INDUCED $\mathrm{Ca}^{2+}$ INFUX WAS MUCH MORE SUBSTANTIAL AND UNLIKELY STORE-OPERATED $\mathrm{Ca}^{2+}$ ENTRY (SOCE) IN CYTOTOXICITY OF MOUSE CEREBRAL MICROVASCULAR ENDOTHELIAL CELLS</td>
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<td>China Medical University and Hospital, Taichung, Taiwan</td>
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<td>Peoples’ Friendship University of Russia (RUDN University), Moscow, Russian Federation</td>
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<td>H. Liu</td>
<td>Qinghai University Medical College, Xining, China</td>
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<td>IMMUNE AND INFLAMMATORY MECHANISMS IN ATHEROSCLEROSIS</td>
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<td>T. Nag, S. Pal, M. Karim, J. Harburger</td>
<td>Westchester Medical Center, Valhalla, NY, USA</td>
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<td>Y. Liu, Z. Zhou, Y. Zhang, C. Cao, Q. Ji, W. Zhang</td>
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<td>K. Purnamawati, J. Yap, S. Ng, P. Li, A. Rufaihah, A. Franco-Obregon</td>
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<td>LEFT ATRIAL APPENDAGE THROMBOSIS IN A MOUSE MODEL OF CORONARY ARTERY DISEASE</td>
<td>H.J. Begmatov, O. Rashidbaigi, F. Romanelli, A.M. Corbo, J. Millan, M. Plummer, O.V. Savinova</td>
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<td>YHD &amp; EYHD SUPPRESSES PLATELET ACTIVATION AND THROMBUS FORMATION BY REDUCING THROMBOXANE B2</td>
<td>H. Wu, Sr.</td>
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<td>TETRAMETHYLPHYRAZINE INHIBITS CALCIUM RESPONSE IN PLATELETS BY SUPPRESSING SGK1</td>
<td>Z. Wang</td>
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P505  HYPERTENSION, LIPIDS, OBESITY, METABOLIC SYNDROME, TYPE 2 DIABETES AND CARDIOVASCULAR DISEASE

Board No.  Abstract No.

16  SWEET TASTE PERCEPTION AND OBESITY RISK IN SUBJECTS WITH METABOLIC SYNDROME. GENOME WIDE SCREENING FOR NEW GENES AND GENE-GENDER INTERACTIONS E.M. Asensio, D. Corella, R. Fernández, J.V. Sorlí, O. Coltell University of Valencia-Ciberobn, Valencia, Spain 399

17  THE THERAPEUTIC EFFECTS OF EVODIAMINE IN FRUCTOSE-INDUCED METABOLIC SYNDROME IN RATS V.K. Spiridonov, Z.S. Tolochko, C.-L. Lin, T.A. Korolenko Institute of Physiology and Basic Medicine, Novosibirsk, Russian Federation 400


20  PATHOGENESIS OF ATHEROSCLEROSIS IN THE YOUNG: TIME TO LOOK BEYOND DIABETES, HIGH CHOLESTEROL AND TOBACCO S. Potluri, P. Carter, D. Lavu, H. Uppal, S. Chandran, R. Potluri ACALM Study Unit, Birmingham, UK 425

21  ASARONE STIMULATES LIPOLYSIS IN ADIPOCYTES Y. Yang Sookmyung Women's University, Yongsan-gu, Republic of Korea 403

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<td>Western Connecticut Health Network - Danbury Hospital, Danbury, CT, USA</td>
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<td>Mayo Clinic, Rochester, MN, Rochester, MN, USA</td>
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