



INTERNATIONAL
ACADEMY OF
CARDIOLOGY

INTERNATIONAL ACADEMY OF CARDIOLOGY
ANNUAL SCIENTIFIC SESSIONS 2018
23rd WORLD CONGRESS ON
HEART DISEASE

BOSTON, MA, USA, JULY 27 – 29, 2018

SCIENTIFIC
PROGRAM

FRIDAY, JULY 27, 2018

SCIENTIFIC PROGRAM



FRIDAY, JULY 27, 2018

09:00 – 10:30

Hall A

OC: OPENING CEREMONY

Chair: **John A. Eleftheriades**, USA

GREETINGS

Asher Kimchi, USA

Founder and Chairman

International Academy of Cardiology

John A. Eleftheriades, USA

Chair, Scientific Executive Committee

Chair, Section of Cardiovascular Surgery

International Academy of Cardiology

Jeffrey S. Borer, USA

Member, Scientific Executive Committee

Chair, Section of Valvular Heart Disease

International Academy of Cardiology

Naranjan S. Dhalla, Canada

Member, Scientific Executive Committee

Chair, Section of Molecular Cardiology

International Academy of Cardiology

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. Eleftheriades, USA

FRIDAY, JULY 27, 2018

09:55 – 10:30
Hall A

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

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

Abstract No.

09:55 INTRODUCTION
J.D. Marsh, Little Rock, AR, USA

10:00 EVOLVING LANDSCAPE OF ANTITHROMBOTIC THERAPY FOR
 ATHEROSCLEROSIS **187**
 (Invited Lecture)
D.L. Bhatt, Brigham and Women's Hospital, Boston, MA, USA

10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

11:00 – 12:45
Hall A

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) **001**
T. Malinski, H. Dawoud, M. Osama
 University, Athens, OH, USA

11:15 PROTEOTOXICITY AND CARDIAC DISEASE (Invited Lecture) **003**
J. Robbins
 Cincinnati Children's Hospital/Univ. Cincinnati, Cincinnati, OH, USA

11:30 MOLECULAR MECHANISMS UNDERLYING THE ANTI-ATHEROGENIC
 ACTIONS OF NUTRACEUTICALS (Invited Lecture) **004**
 J.W.E. Moss, J.O. Williams, H. Gallagher, W. Al-Ahmadi, A. Ismail, V. O'Morain,
D.P. Ramji

FRIDAY, JULY 27, 2018

11:00 – 12:45

Hall A

PL01

Plenary Session

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

Abstract No.

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|-------|---|-----|
| 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 | 005 |
| 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 | 006 |
| 12:15 | CARDIAC TARGETING PEPTIDE; A NOVEL CARDIAC TARGETING PROTEIN TRANSDUCTION DOMAIN (Invited Lecture)
M. Zahid
University of Pittsburgh, Pittsburgh, PA, USA | 007 |
| 12:30 | ANTIBODIES TO MALONDIALDEHYDE-ACETALDEHYDE (MAA) PROTEIN ADDUCT AS A BIOMARKER FOR CARDIOVASCULAR MANIFESTATIONS IN SYSTEMIC LUPUS ERYTHEMATOSUS (Invited Lecture)
K. Su , Y. Yu, T. Wang, P.D. Lopez, C. Tineo, G. Paulino, M. Hearth-Holmes, E. Loyo
University of Nebraska Medical Center, Omaha, NE, USA | 008 |
| 12:45 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

FRIDAY, JULY 27, 2018

11:00 – 13:00

Hall B

PL02 Plenary Session
INSIGHTS FROM MULTIMODALITY CARDIOVASCULAR IMAGING

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

Abstract No.

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|-------|--|-----|
| 11:00 | CALCIUM SCORING - WHERE DO WE STAND IN 2018? (Invited Lecture)
J.J. Mahmarian
Weill Cornell Medical College, Houston Methodist Hospital, Houston, TX, USA | 009 |
| 11:15 | BEYOND STENOSIS: PLAQUE AND ISCHEMIA ASSESSMENTS BY CORONARY CTA (Invited Lecture)
D.S. Berman , Y. Otaki, J. Friedman, S. Hayes, L. Thomson, E. Eisenberg, A. Rozanski, P. Slomka, D. Dey, B.K. Tamarappoo
Cedars-Sinai Medical Center, Los Angeles, CA, USA | 010 |
| 11:30 | NEXT GENERATION INTRAVASCULAR COMPOSITIONAL IMAGING ASSESSMENT OF THE HIGH-RISK PLAQUE (Invited Lecture)
J.W. Kim
Korea University Guro Hospital, Seoul, Republic of Korea | 011 |
| 11:45 | NOVEL ULTRASOUND IMAGING STRATEGIES FOR ISCHEMIC HEART DISEASE (Invited Lecture)
J.M. Gardin
Rutgers New Jersey Medical School, Newark, NJ, USA | 012 |
| 12:00 | OPTICAL COHERENCE TOMOGRAPHY FOR THE DETECTION OF VULNERABLE PLAQUE (Invited Lecture)
T. Kubo
Wakayama Medical University, Wakayama, Japan | 013 |
| 12:15 | ADVANCES IN MYOCARDIAL RECEPTOR IMAGING WITH PET: THE ANGIOTENSIN AND ENDOCANNABINOID SYSTEM (Invited Lecture)
T.H. Schindler , I. Valenta, P. Pacher
Washington University, Saint Louis, MO, USA | 014 |
| 12:30 | STRENGTHS AND WEAKNESSES OF EXERCISE ECHOCARDIOGRAPHY (Invited Lecture)
M. Prokudina
International Heart Center, St. Petersburg, Russian Federation | 015 |
| 12:45 | A FRAMEWORK FOR WEARABLE TECHNOLOGIES IN CARDIOLOGY (Invited Lecture)
I. Kedan
Cedars Sinai Smidt Heart Institute, Beverly Hills, CA, USA | 016 |
| 13:00 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

FRIDAY, JULY 27, 2018

11:00 – 13:30

Hall C

PL03

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

Abstract No.

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|-------|--|-----|
| 11:00 | MYOCARDIAL INTERSTITIAL FIBROSIS IN HEART FAILURE: BEYOND VENTRICULAR STIFFNESS (Invited Lecture)
H.N. Sabbah
Henry Ford Hospital, Detroit, MI, USA | 017 |
| 11:15 | EFFECT OF INSTITUTIONAL EXPERIENCE ON OUTCOMES OF ALCOHOL SEPTAL ABLATION FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY (Invited Lecture)
J. Veselka , L. Faber, M. Kvistholm Jensen, R. Cooper, J. Januska, J. Krejci, T. Bartel, M. Dabrowski, P.R. Hansen, V.M. Almaas, H. Seggewiss, D. Horstkotte, R. Adlova, H. Bundgaard, J.ten Berg, M. Liebregts
Charles University, University Hospital Motol, Prague, Czech Republic | 018 |
| 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 | 019 |
| 11:45 | CLEARING OF β_1 -RECEPTOR AUTOANTIBODIES FROM THE BLOOD: A USEFUL TREATMENT OPTION FOR IDIOPATHIC DILATED CARDIOMYOPATHY (Invited Lecture)
M. Dandel
Deutsches Herzzentrum Berlin, Berlin, Germany | 020 |
| 12:00 | A NEW APPROACH TO HEART VALVE DISEASE: INTERVENTION OR PREVENTION? (Invited Lecture)
R. Levine
Massachusetts General Hospital, Boston, MA, USA | 021 |
| 12:15 | THE ROLE OF LEFT ATRIAL STRAIN IN HEART FAILURE (Invited Lecture)
B. Hoit
University Hospitals Cleveland Medical Center, Cleveland, OH, USA | 022 |
| 12:30 | FAMILIAL MITOCHONDRIAL CARDIOMYOPATHY (Invited Lecture)
A. Lorber , R. Tal
Rambam Medical Center, Haifa, Israel | 023 |

PL03 Plenary Session**MECHANISMS AND MANAGEMENT OF HEART FAILURE IN 2018:
HOW CAN WE DO BETTER? (continued)**

Abstract No.

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

P101 CARDIOVASCULAR PHARMACOLOGY AND DRUG THERAPY

Board No.		Abstract No.
1	<p>CARDIOVASCULAR BENEFITS OF DIURETIC-BASED THERAPIES COMBINED WITH SIMVASTATIN IN HIGH-RISK HYPERTENSIVE PATIENTS WITH A HIGH-NORMAL LEVEL OF TOTAL CHOLESTEROL P.P. Lu, L.H. Ma, L.Y. Ma, A.H. Hu, X.L. Zhou, W. Wang, L.S. Liu Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China</p>	027
2	<p>PHENYTOIN INHIBITS THE EXPRESSION OF CARDIAC CAV1.2 CHANNELS VIA DISRUPTING SYNTHESIS AND TRAFFICKING D. Han, P. Liu, X. Sun, Y. Liu, J. Sun The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China</p>	028
3	<p>NONSPECIFIC INTERSTITIAL PNEUMONIA: A RARE ADVERSE REACTION OF ATORVASTATIN J. Xu, S. Verga, J. Stoll, L. Pioppo, W. Khan Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA</p>	029
4	<p>EFFECTS OF STATIN USE ON ADVERSE OUTCOMES IN PATIENTS WITH ATRIAL FIBRILLATION S. Wu, Y.M. Yang National Center for Cardiovascular Diseases, Fuwai Hospital, Beijing, China</p>	030
5	<p>LIDOCAINE TOXICITY MANIFESTING AS ACUTE STROKE: A RARE PRESENTATION L. Hou, J. Xu, E. Pagan, K. Patel, A. Hakeem Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA</p>	031
6	<p>A CASE REPORT OF HEART FAILURE WITH PRESERVED EJECTION FRACTION DURING ATRIAL FIBRILLATION TREATMENT WITH PILSICAINIDE T.J. Matsubara, K. Fujitu, S. Ohnishi, M. Yamasaki University of Tokyo, Tokyo, Japan</p>	032

P102 CONGENITAL HEART DISEASE AND PEDIATRIC CARDIOLOGY

Board No		Abstract No.
7	<p>DETERMINATION OF RIGHT VENTRICULAR FUNCTION BY SYSTOLIC TO DIASTOLIC DURATION RATIO IN TETRALOGY OF FALLOT</p> <p>A.L. Arndt, K.W. Holmes Oregon Health and Science University, Portland, OR, USA</p>	033
8	<p>IDIOPATHIC PERICARDIAL EFFUSION AND CARDIAC TAMPONADE IN CHILDREN WITH TRISOMY 21</p> <p>C.B. Johnson, A. Qasim, M.A. Aly, A.M. Aly University of Texas Medical Branch, Galveston, TX, USA</p>	034
9	<p>ISOLATED FAMILIAL RIGHT VENTRICULAR HYPOPLASIA</p> <p>A.M. Aly, S. Dasgupta, A. Jain University of Texas Medical Branch, Galveston, TX, USA</p>	035
10	<p>FETAL DIAGNOSIS AND NEONATAL PALLIATION OF ABSENT AORTIC VALVE WITH HYPOPLASTIC LEFT HEART SYNDROME</p> <p>A. Qasim, C.B. Johnson, M.A. Aly, A.M. Aly University of Texas Medical Branch, Galveston, TX, USA</p>	036
11	<p>DESPITE THE ODDS</p> <p>A. Addoumieh, M. Abdallah, D. Majdalany Cleveland Clinic, Cleveland, OH, USA</p>	037
12	<p>UNROOFED CORONARY SINUS AND PERSISTENT LEFT SUPERIOR VENA CAVA: LATE ONSET SYMPTOMS POST-SURGICAL CORRECTION</p> <p>B. Gheyath, G. Pettersson, D. Majdalany Cleveland Clinic Foundation, Cleveland, OH, USA</p>	038
13	<p>MULTIMODALITY IMAGING OF ANOMALOUS RIGHT CORONARY ARTERY WITH INTERARTERIAL COURSE FOUND DURING A NON ST ELEVATION MYOCARDIAL INFARCTION</p> <p>M. Bintvihok, J. Aoun, M. Almeqdadi, M. Afari, A. Davidoff, L. Tsao St. Elizabeth's Medical Center, Boston, MA, USA</p>	039
14	<p>COMPARISON OF ECHOCARDIOGRAPHIC CRITERIA FOR DIAGNOSING LEFT VENTRICULAR NONCOMPACTION IN PATIENTS WITH CLINICAL CARDIOMYOPATHY</p> <p>G. Hackett, F. Munir, R. Tunks, T. Chin Penn State Health Children's Hospital, Hershey, PA, USA</p>	040

P103 TRANSCATHETER THERAPY FOR STRUCTURAL HEART DISEASE

Board No		Abstract No.
15	<p>PERMANENT PACEMAKER (PPM) INSERTION IN PATIENTS WITH CONDUCTION ABNORMALITIES POST TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR): A REVIEW AND PROPOSED GUIDELINES</p> <p>A.S. Nanda, T. Bob-Manuel, V. Chinta, A. Sharma, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam</p> <p>University of Tennessee, Memphis, TN, USA</p>	041
16	<p>SMOKER'S PARADOX: THE IMPACT OF SMOKING IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR).</p> <p>A.S. Nanda, M. Agarwal, A. Sharma, V. Chinta, U. Ashraf, J. Kelly, I. Pour-Ghaz, R.N. Khouzam</p> <p>University of Tennessee, Memphis, TN, USA</p>	042
17	<p>EFFECTS OF SMOKING ON ECHOCARDIOGRAPHIC AND CLINICAL OUTCOMES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT</p> <p>A. Mehlmán, A. Radhakrishnan, I. Sunjic, C. Bitetzakis, E. Sadic, A. Bhandari, F. Alvarado, A. Chen, A. Patel, Y. Lu</p> <p>University of South Florida, Tampa, FL, USA</p>	043
18	<p>ASSESSMENT OF IMPACT OF PREPROCEDURAL PULMONARY HYPERTENSION TO THE CLINICAL OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT; A SINGLE CENTER EXPERIENCE</p> <p>M. Farhoud, S. Banga, C. Bhardwaj</p> <p>OSF SFMC, Peoria, IL, USA</p>	044
19	<p>INTERMEDIATE-TERM PACEMAKER DEPENDENCY FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT</p> <p>E. Choi, J. Lee, A. Karnik, K. Lee, V. Kumar, H. Chaudry, S.X. Li, T.B. Curran, B.W. Andrus, J.T. DeVries</p> <p>Dartmouth Hitchcock Medical Center, Lebanon, NH, USA</p>	045
20	<p>IMPACT OF TRANSCATHETER AORTIC VALVE REPLACEMENT ON SHORT AND LONG-TERM KIDNEY FUNCTION</p> <p>J. Aoun, C. Zahm, T. Bhat, S. Lahsaei, J.P. Carozza</p> <p>Saint Elizabeth's Medical Center, Brighton, MA, USA</p>	046
21	<p>THE SAFETY AND FEASIBILITY OF A NOVEL CLOSURE TECHNIQUE IN TRANSCATHETER AORTIC VALVE REPLACEMENT</p> <p>G.A. Medranda, R. Schwartz, S. Green</p> <p>NYU Winthrop Hospital, Mineola, NY, USA</p>	047

P104 CARDIAC SURGERY AND MECHANICAL CIRCULATORY SUPPORT

Board No		Abstract No.
22	<p>REVERSE-U-AORTOTOMY (KIRALI INCISION) IS SAFE FOR AORTIC VALVE REPLACEMENT</p> <p>O. Altas, T. Ozer, M. Ozgur, S. Sarikaya, K. Kirali Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey</p>	048
23	<p>INTRA-AORTIC BALLOON PUMP IS ASSOCIATED WITH INCREASED MORTALITY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: A RETROSPECTIVE ANALYSIS</p> <p>J. Kewcharoen, C. Techorueangwiwat, T. Limjaroen, A. Ariyachaipanich Chulalongkorn University, Bangkok, Thailand.</p>	049
24	<p>EFFECT OF PLEURAL INTEGRITY DURING ITA HARVESTING ON POSTOPERATIVE RESPIRATORY FUNCTIONS AFTER CARDIAC SURGERY</p> <p>O. Altas, O. Yerlikhan, M. Aksut, T. Ozer, D. Gunay, A. Karakoc, K. Kirali; Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey</p>	050
25	<p>AN UNUSUAL CASE OF INTRACARDIAC FOREIGN BODY FOLLOWING A NECK INJURY; A CASE REPORT AND REVIEW OF LITERATURE</p> <p>M. Ghanim, S. Bsata, B. Campbell, G. Daly, A. Agnihotri, L. Tsao Saint Elizabeth Medical Center, Brighton, MA, USA</p>	051
26	<p>LATE ISCHEMIC COMPLICATION OF ATYPICAL BENTALL PROCEDURE, LEADING TO ACUTE MYOCARDIAL ISCHEMIA</p> <p>G. Jolly, A. Haidry, S. Pal, M. Hasan Khan, W. Aronow Westchester Medical Center, Valhalla, NY, USA.</p>	052

P105 MEASUREMENT OF OUTCOMES AND QUALITY OF CARDIOVASCULAR CARE

27	<p>A MODIFIED PUNCTURE METHOD DECREASES THE VENOUS INDWELLING NEEDLE RELATED COMPLICATIONS IN INPATIENTS WITH CARDIOVASCULAR DISEASES: A SINGLE CENTER PROSPECTIVE RANDOMIZED STUDY</p> <p>Y. Liu, D. Han, X. Li The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China</p>	053
28	<p>CLINICAL UTILITY OF AN OBSERVATION UNIT IN THE OUTCOME OF COCAINE-INDUCED CHEST PAIN</p> <p>C. Dumancas, T.O Mene-Afejuku, P.D. Lopez, A. Akinlonu, E. Ngo, S. Mushiyeve, F. Visco, G. Pekler Metropolitan Hospital, New York, NY, USA</p>	054
29	<p>QUALITY IMPROVEMENT IN POST HEART CATHETERIZATION CARE</p> <p>K. Gu, M. Katz, D. Chang, E. Randhawa, K. D'Mello, G. Ledley Drexel University College of Medicine, Philadelphia, PA, USA</p>	055

FRIDAY, JULY 27, 2018

14:00 – 16:15

Hall A

PL04

Plenary Session

IDENTIFICATION AND MODIFICATION OF NOVEL RISK FACTORS FOR CARDIOVASCULAR DISEASES

Chairs: **N.S. Dhalla**, Winnipeg, MB, Canada
J.D. Marsh, Little Rock, AR, USA

Abstract No.

14:00	LOW T/HIGH T TESTOSTERONE AND THE HEART (Invited Lecture) J.D. Marsh , University of Arkansas for Medical Sciences, Little Rock, AR, USA	056
14:15	STORE OPERATED Ca ²⁺ -CHANNEL BLOCKERS AS A POTENTIAL THERAPY FOR HYPERTENSION (Invited Lecture) N.S. Dhalla , St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, MB, Canada	057
14:30	CARDIOVASCULAR RISK FACTORS: AN UPDATE (Invited Lecture) C. Chen , J. Lu, Q. Yao, Baylor College of Medicine, Houston, TX, USA	058
14:45	AGE-RAGE STRESS IN CARDIAC DISEASES (Invited Lecture) K. Prasad , University of Saskatchewan, Saskatoon, SK, Canada	059
15:00	HEMODYNAMIC MODULATION OF NON-PLATELET THROMBOXANE GENERATION (Invited Lecture) J. Rade , University of Massachusetts Medical School, Worcester, MA, USA	060
15:15	CLINICALLY RELEVANT INTERACTIONS BETWEEN CARDIOVASCULAR DRUGS, HERBALS AND FRUIT JUICES: MECHANISMS OF INTERACTIONS AND PRESCRIBING STRATEGIES (Invited Lecture) H. Buttar , University of Ottawa, Ottawa, Canada	061
15:30	ROLE OF NITRATES IN THE PREVENTION OF MYOCARDIAL ISCHEMIA ASSOCIATED WITH CARFILZOMIB INFUSION (Invited Lecture) T. Scarabelli , St John Hospital and Medical Center, Detroit, MI, USA	062
15:45	DECIPHERING THE ROLE OF MITOPHAGY-LYSOSOME DYSFUNCTION IN THE DIABETIC HEART (Invited Lecture) Q. Liang , S. Kobayashi, F. Zhao, Y. Huang, T. Kobayashi New York Institute of Technology College of Osteopathic Medicine, Old Westbury, NY, USA	063
16:00	RAPAMYCIN PROTECTS DIABETIC RABBIT HEARTS AGAINST ISCHEMIA/REPERFUSION INJURY BY REGULATING PTEN-AKT SIGNALING (Invited Lecture) A. Das , A. Samidurai, R.C. Kukreja Virginia Commonwealth University, Pauley Heart Center, Richmond, VA, USA	064
16:15	COFFEE BREAK, VISIT EXHIBITION	

PL05 CARDIAC ARRHYTHMIAS: CAUSES, SYMPTOMS, DIAGNOSIS AND TREATMENT

Chairs: **M.A. Alpert**, Columbia, MO, USA
D. Dobrev, Essen, Germany

Abstract No.

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|-------|---|-----|
| 14:00 | OBESITY AND ATRIAL FIBRILLATION (Invited Lecture)
M.A. Alpert
University of Missouri School of Medicine, Columbia, MO, USA | 065 |
| 14:15 | PROARRHYTHMIC SUBCELLULAR SIGNALING IN ATRIAL FIBRILLATION:
ROLE OF CALCIUM DEPENDENT POTASSIUM CHANNELS (Invited Lecture)
D. Dobrev
University Duisberg-Essen, Essen, Germany | 066 |
| 14:30 | TOWARDS A COMPLETE TRUE HYBRID TREATMENT OF ATRIAL
FIBRILLATION (Invited Lecture)
S. Gelsomino
CARIM Scholl for Cardiovascular Diseases, University of Maastricht, Maastricht,
The Netherlands | 067 |
| 14:45 | MANAGEMENT OF ATRIAL FIBRILLATION IN THE ELDERLY PATIENT
(Invited Lecture)
A. Kumar , V. Mohan
Adarsh Heart and Super Specialty Hospital, Amristar, India | 068 |
| 15:00 | UNUSUAL ARRHYTHMIC CAUSES OF SYNCOPE (Invited Lecture)
H.P. Paydak
University of Arkansas for Medical Science, Little Rock, AR, USA | 069 |
| 15:15 | VALIDATION OF THE INDICATION FOR IMPLANTABLE CARDIOVERTER
DEFIBRILLATOR IN BRUGADA SYNDROME IN THE J WAVE
SYNDROMES CONSENSUS CONFERENCE (Invited Lecture)
M. Takagi
Kansai Medical University Medical Center, Moriguchi, Japan | 070 |
| 15:30 | DANTROLENE, A RYANODINE RECEPTOR STABILIZER, REDUCES
ATRIAL FIBRILLATION IN HEART FAILURE (Invited Lecture)
C. Nofj, K. Zhang, Y.-D. Tang, Y. Li, A. Migirow, K. Ojamaa, A. Gerdes, Y. Zhang
New York Institute of Technology College of Osteopathic Medicine, Old Westbury,
NY, USA | 071 |

FRIDAY, JULY 27, 2018

14:00 – 16:45

HALL B

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

Abstract No.

- 15:45 RADIOFREQUENCY ABLATIVE MODIFICATION OF THE AV NODE FOR THE TREATMENT OF ATRIAL FIBRILLATION: EXPLORING THE VALUE OF AN OLD TECHNIQUE (Invited Lecture) **072**
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) **073**
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) **074**
T.J. Matsubara, K. Fujiu, G. Oguri, E. Hasumi, T. Kojima, I. Komuro
The University of Tokyo, Tokyo, Japan
- 16:45 COFFEE BREAK, VISIT EXHIBITION

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

Abstract No.

14:00	INSIGHT INTO POLYVASCULAR DISEASE (Invited Lecture) T. Tomaru , T. Matsubara, E. Matsubara Heisei Yokohama Hospital, Yokohama, Japan	075
14:15	GENETICS OF THORACIC AORTIC ANEURYSM 2018 (Invited Lecture) J.A. Elefteriades Yale University School of Medicine, Aortic Institute at Yale-New Haven, New Haven, CT, USA	076
14:30	ADIPOCYTES PROMOTE IL18 BINDING TO ITS RECEPTORS DURING ABDOMINAL AORTIC ANEURYSM FORMATION IN MICE (Invited Lecture) G.-P. Shi , Brigham and Women's Hospital, Boston, MA, USA	077
14:45	POTENTIAL MOLECULAR TARGETS FOR PREVENTION OF PROGRESSION OF ABDOMINAL AORTIC ANEURYSM (Invited Lecture) L. Gavish, R. Beerli, D. Gilon, C. Rubinstein, G. Elberg, S.D. Gertz The Hebrew University of Jerusalem, Jerusalem, Israel	078
15:00	SEX DIFFERENCES IN PERIPHERAL ARTERIAL DISEASE: DIAGNOSIS, SYMPTOMS AND TREATMENT (Invited Lecture) J. Regensteiner University of Colorado, School of Medicine, Aurora, CO, USA	079
15:15	ANTIPLATELET THERAPY FOR PERIPHERAL INTERVENTIONS: AN UPDATE FOR 2018 (Invited Lecture) R. Khouzam , M. Ibrahim University of Tennessee Health Science Center, Memphis, TN, USA	080
15:30	DOAC IN CANCER PATIENTS: VENOUS THROMBOEMBOLISM AND ATRIAL FIBRILLATION (Invited Lecture) N. Maurea Istituto Nazionale Tumori, IRCCS, Fondazione G. Pascale, Naples, Italy	081
15:45	CURRENT STATUS OF PATHOPHYSIOLOGY AND THERAPY OF PERIPHERAL ARTERY DISEASE (Invited Lecture) S. Bhullar , N.S. Dhalla St. Boniface Hospital, University of Manitoba, Winnipeg, MB, Canada	082
16:00	FILTERING THE EVIDENCE: UPDATES ON IVC FILTERS (Invited Lecture) B. Bikdeli , Columbia University Medical Center, New York, NY, USA	083
16:15	COFFEE BREAK, VISIT EXHIBITION	



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

Abstract No.

16:45	<p>Na⁺-H⁺ EXCHANGER 1 DEFICIENCY PROTECTS ANGIOTENSIN II-INDUCED ABDOMINAL AORTIC ANEURYSM IN APOLIPOPROTEIN E-DEFICIENT MICE C.-L. Liu, G. Sukhova, P. Libby, G.-P. Shi Brigham and Women's Hospital, Boston, MA, USA</p>	084
17:00	<p>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</p>	085
17:15	<p>ATTENUATION OF ENDOPLASMIC RETICULUM STRESS BY 4-PHENYLBUTYRIC 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</p>	086
17:30	<p>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</p>	087
17:45	<p>IMPORTANCE OF THE MYOCARDIAL MICROENVIRONMENT IN THE BIOLOGY TRANSPLANTED MESENCHYMAL STEM CELLS F. Franchi, V. Ramaswamy, K.M. Peterson, P. Ramasamy, M.G. Rodriguez-Porcel Mayo Clinic, Rochester, MN, USA</p>	088
18:00	<p>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, Hershey High School, Hershey, PA, USA</p>	089
18:15	<p>CARDIAC TARGETING PEPTIDE: STUDIES INTO MECHANISM OF TRANSDUCTION K. Feldman, T. Feinstein, M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA</p>	090
18:30	<p>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</p>	091
18:45	<p>CALCIUM CHANNEL BLOCKERS: A MULTIPURPOSE APPROACH N. Motayagheni, A. Atala Wake Forest University, Winston Salem, NC, USA</p>	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

Abstract No.

- | | | |
|-------|--|-----|
| 16:45 | <p>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</p> | 093 |
| 17:00 | <p>CARDIOVASCULAR OUTCOMES OF AMLODIPINE-BASED COMBINATION THERAPIES IN HIGH-RISK HYPERTENSIVE PATIENTS
 P.P. Lu, X. Meng, A.H. Hu, W. Wang, L.Y. Ma, Y.Q. Zhang, X.Z. Zhang, L.H. Ma, L.S. Liu, X.L. Zhou
 Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China</p> | 094 |
| 17:15 | <p>SEASONAL VARIATIONS IN BLOOD PRESSURE, NEUTROPHIL-LYMPHOCYTE RATIO AND WHITE BLOOD CELL COUNT IN A LARGE POPULATION OF PATIENTS WITH END STAGE RENAL DISEASE
 A. Long, Z. Turner, J. Larkin, M. Reviriego-Mendoza, L. Usvyat, Y. Wang, P. Kotanko, F.W. Maddux
 Fresenius Medical Care North America, Waltham, MA, USA</p> | 095 |
| 17:30 | <p>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
 HNRCA at Tufts University, Boston, MA, USA</p> | 096 |
| 17:45 | <p>ADIPOSE TISSUE SURFACE-EXPRESSION OF LDLR AND CD36; LINK TO RISK FACTORS FOR TYPE 2 DIABETES IN NORMOCHOLESTEROLEMIC SUBJECTS
 S. Bissonnette, Y. Cyr, V. Lamantia, V. Provost, G. Maye, M. Chretien, M. Faraj
 University of Montréal/ Clinical Research Institute of Montréal (IRCM), Montréal, QC, Canada</p> | 097 |
| 18:00 | <p>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</p> | 098 |

S22

Session

HYPERTENSION, LIPIDS, DIABETES MELLITUS AND CARDIOVASCULAR DISEASE – FROM BENCH TO BEDSIDE (continued)

Abstract No.

18:15	<p>COMBINED TREATMENT BY LIPID-LOWERING DRUGS IN ACUTE LIPEMIA IN MICE T.A. Korolenko, M.M. Gevorgyan, N.P. Voronina, G.S. Russkikh, T.P. Korolenko, E. Machova Institute of Physiology and Basic Medicine, Novosibirsk, Russian Federation</p>	099
18:30	<p>SPATIAL VARIATION ON PREVALENCE OF HYPERTENSION IN CHINA: RESULTS FROM CHINA HYPERTENSION SURVEY, 2012-2015 Z. Wang, L. Pei, L. Zhang, J. Wu, X. Wang, Z. Chen, Y. Dong, C. Zheng, Y. Kang, R. Gao National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, Beijing, China</p>	100
18:45	<p>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</p>	101
19:00	<p>ROLE OF EPICARDIAL ADIPOSE TISSUE IN ATHEROSCLEROSIS ASSOCIATED WITH OBESITY M. Addula Creighton University, Omaha, NE, USA</p>	102
19:15	<p>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</p>	103

S23

Session

ADVANCES IN CARDIAC SURGERY: CONGENITAL HEART DISEASE / CORONARY REVASCULARIZATION / MECHANICAL CIRCULATORY SUPPORT / HEART TRANSPLANTATION

Chairs: **A. Lorber**, Haifa, Israel
M.R. Movahed, Scottsdale, AZ, USA

Abstract No.

- | | | |
|-------|---|-----|
| 16:45 | INITIAL INTRAVASCULAR ULTRASOUND IN THE EVALUATION OF CARDIAC TRANSPLANT VASCULOPATHY WITHOUT A ROUTINE EARLY BASELINE STUDY HAS PROGNOSTIC VALUE
R. Arsanjani, M. Hashemzadeh, M.R. Movahed
Mayo Clinic, Scottsdale, AZ, USA | 104 |
| 17:00 | A PROSPECTIVE COHORT STUDY OF RIGHT VENTRICULAR NORMALIZATION AFTER PULMONARY VALVE REPLACEMENT IN ASYMPTOMATIC PATIENTS WITH MODERATE OR GREATER PULMONARY REGURGITATION AFTER REPAIRED TETRALOGY OF FALLOT
F. He , S. Li, Z. Feng
Fuwai Hospital, Beijing, China | 105 |
| 17:15 | PATIENTS' PREFERENCES FOR CORONARY BYPASS GRAFTING OR STAGED PERCUTANEOUS CORONARY INTERVENTION IN MULTI-VESSEL CORONARY ARTERY DISEASE
M.-A. Ohlow , A. Farah
Zentralklinik, Bad Berka, Germany | 106 |
| 17:30 | A PROPENSITY SCORE MATCHED STUDY OF ON PUMP AND OFF PUMP CORONARY ARTERY BYPASS SURGERY
Y. Toyoda , M.A.K. Kashem
Lewis Katz School of Medicine at Temple University, Philadelphia, PA, USA | 107 |
| 17:45 | MIDTERM COMPARISON OF ANNULOPLASTY RINGS IN ISOLATED MITRAL VALVE REGURGITATION
O. Altas , O. Yerlikhan, M. Ozgur, A. Karakoc, K. Kirali
Kosuyolu Heart Training and Research Hospital, Istanbul, Turkey | 108 |
| 18:00 | MISPLACED PACEMAKER LEAD DUE TO A PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION
B. Gheyath , R. Kaul, A. Aggarwal, M. Summers, M. Abdallah, D. Majdalany
Cleveland Clinic Foundation, Cleveland, OH, USA | 109 |
| 18:15 | INCIDENCE OF ACUTE CELLULAR REJECTION AFTER HEART TRANSPLANTATION AND ITS IMPACT ON ONE-YEAR SURVIVAL: A REPORT FROM TERTIARY CARE HOSPITAL IN THAILAND
C. Techorueangwiat , S. Siphumsukskul, P. Ongcharit, K. Thammanatsakul, W. Polsawat, S. Siwamogsatham, S. Puwanant, V. Benjacholamas, A. Ariyachaipanich
Chulalongkorn University, Bangkok, Thailand | 110 |

FRIDAY, JULY 27, 2018

16:45 – 19:15

Hall C

S23 Oral Session

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

Abstract No.

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| 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 | 111 |
| 18:45 | VASOACTIVE AGENT EXPOSURE PRIOR TO ACUTE MECHANICAL CIRCULATORY SUPPORT FOR CARDIOGENIC SHOCK IS ASSOCIATED WITH END ORGAN DYSFUNCTION AND MORTALITY
A. Razavi , K. Morine, M. Esposito, S. Annamalai, C. Davila, R. Pedicini, L. Jorde, K. Gobeil, J. Hernandez-Montfort, N. Kapur
Tufts Medical Center, Boston, MA, USA | 112 |
| 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 | 113 |

FRIDAY, JULY 27, 2018

13:30 – 18:30

Poster Hall

P201 ACUTE ISCHEMIC STROKE

Board No.

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| 1 | <p>INFLAMMATORY CYTOKINES, IL-1 AND TNF-A, ARE CLUE FOR DETERMINING STROKE ETIOLOGY WITH THE SUSCEPTIBILITY VESSEL SIGN ON MRI</p> <p>H.-S. Kim, M.-S. Park, E.-H. Kim, J.-T. Park, W. Yoon
Chonnam National University Med. School, Gwangju, Republic of Korea</p> | 114 |
| 2 | <p>CEREBRAL INFARCTION IS ASSOCIATED WITH MULTIPLE RISK FACTORS IN PATIENTS WITHOUT SEVERE CAROTID SCLEROSIS</p> <p>E. Matsubara, T. Matsubara, T. Tomaru
Tokyo University Hospital, Tokyo, Japan</p> | 115 |
| 3 | <p>FINDING CLOSURE AFTER CRYPTOGENIC STROKE</p> <p>M. Patel, A. Goud, A. Patel, A. Mukherjee, P. Sethi, R. Pai
University of California, Riverside, Alta Loma, CA, USA</p> | 116 |

P202 PERIPHERAL ARTERY DISEASE AND AORTIC DISEASE

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| 4 | <p>RETAINED AORTIC MISSILE: A CASE OF A PARTIALLY EMBEDDED BULLET IN THE DESCENDING AORTA</p> <p>D. Hill, A. Einhorn
Orlando Health, Orlando, FL, USA</p> | 117 |
| 5 | <p>A RARE CASE OF MYOCARDIAL ISCHEMIA CAUSED BY DESCENDING AORTA TO RIGHT INFERIOR PULMONARY ARTERY FISTULA</p> <p>T.-H. Wu, C.-J. Wu
Veterans General Hospital- Kaohsiung, Taiwan, Kaohsiung, Taiwan</p> | 118 |
| 6 | <p>COMMERCIAL PERIPHERAL ARTERIAL DISEASE SCREENING OUTSIDE THE SCOPE OF ESTABLISHED GUIDELINES</p> <p>H. Hirzallah, A. Mallad, A. Amro, D. Kusmic, M. El-Hamdani
Marshall University Joan C. Edwards School of Medicine., Huntington, WV, USA</p> | 119 |
| 7 | <p>USE OF OPTICAL COHERENCE TOMOGRAPHY IN TREATING A CHRONIC TOTAL OCCLUSION FROM A VIETNAM WAR INJURY</p> <p>B. Horn, J. George
Einstein Medical Center, Philadelphia, PA, USA</p> | 120 |

FRIDAY, JULY 27, 2018

13:30 – 18:30

Poster Hall

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9	<p>LEARNING NEEDS OF PATIENTS WITH DIASTOLIC HEART FAILURE J.-A. Ahn, J.-S. Park, P.-K. Min Ajou University, Suwon, Republic of Korea</p>	122
10	<p>FAMILIAL AMYLOID CARDIOMYOPATHY: A CASE SERIES A.C. Atanda, O. Atanda, E. Mbey, O. Omole, D. Ugwendum, T. Ogundipe, B. Curry, O. Akinboboye Howard University Hospital, Washington, DC, USA</p>	123
11	<p>FACTORS AFFECTING LENGTH OF STAY AND TIME TO READMISSION IN A RETROSPECTIVE HEART FAILURE READMISSION COHORT J. Aoun, S. Khare, M. Ghanim, G. Yesodharan, M. Afari, S. Hedge, L. Tsao Saint Elizabeth's Medical Center, Brighton, MA, USA</p>	124
12	<p>LUNG INFILTRATES IN A PATIENT ON BORTEZOMIB - NOT ALWAYS PNEUMONIA S. Basharat, M. Rodriguez Ziccardi, M. Bandres, A. Pop Albert Einstein Medical Center, Philadelphia, PA, USA</p>	125
13	<p>INHALED RACEMIC EPINEPHRINE AS A TRIGGER FOR TAKOTSUBO CARDIOMYOPATHY M. Ghanim, M. Almnajam, S. Khare, M.E. Afari, M. Khan Saint Elizabeth Medical Center, Brighton, MA, USA</p>	126
14	<p>PREMATURE MYOCARDIAL INFARCTION AS THE PRESENTING SIGN OF HYPERCOAGULABLE SYNDROME E.P. Hiltner, A. Alam, K. Patel, J. Xu, H. Doshi, D. James, D. Iyer, J. Almendral, K. Mody Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ, USA</p>	127
15	<p>STRESS CARDIOMYOPATHY: LOOK AT THE URINE! S.A. Raza, S. Haley, L. Hunter, F. Raza Methodist Health System- Dallas, Dallas, TX, USA</p>	128
16	<p>CANNABIS INDUCED BASAL-MID VENTRICULAR STRESS CARDIOMYOPATHY S.J. Meera, S. Vallabhaneni, R. Aurshiya, S. Pakniyat, J. Shirani St. Luke's University Health Network, Bethlehem, PA, USA</p>	129
17	<p>UTILIZATION OF BIOIMPEDANCE SPECTROSCOPY IN LIEU OF INVASIVE MONITORING FOR MONITORING FLUID OVERLOAD A.A. Accardi, J.T. Heywood Scripps Memorial Hospital, Encinitas, CA, USA</p>	130

P204 DILATED CARDIOMYOPATHY

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18	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 M. Malivat , B. Alimurung, G. Lopez, V. Zarza-Geron Makati Medical Center, Makati City, Philippines	131
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20	CHRONIC NASAL DECONGESTANT USE AND TACHYCARDIOMYOPATHY: A CASE REPORT J.R.F. Rocha, I.C. Pinheiro, M. Giannini, M.C. Caires , P.B. Villela, R.M. Ferreira, L.A. Salis, N.A. de Souza e Silva Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil	133

P205 HYPERTROPHIC CARDIOMYOPATHY

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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	136
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26 PERSISTENT ST ELEVATION: HYPERTROPHIC CARDIOMYOPATHY RARELY DISCUSSED 139
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University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

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28 PERICARDIAL EFFUSION IN A NON-HIV PATIENT AS A HARBINGER FOR A RARE PRIMARY EFFUSION LYMPHOMA 141
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Albert Einstein Medical Center, Philadelphia, PA, USA

29 UNILATERAL PLEURAL EFFUSION: AN UNUSUAL PRESENTATION OF DRESSLER'S SYNDROME SECONDARY TO PCI 142
N. Shah, R. Pansare, Internal Medicine, St Mary Mercy Hospital, Livonia, MI, USA

P207 CARDIOVASCULAR DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE

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J. Park, E. Lee, Sookmyung Women's University, Seoul, Republic of Korea

31 NEGATIVE MULTIPLICATION EFFECT OF KIDNEY DYSFUNCTION ON NON VALVULAR ATRIAL FIBRILLATION 144
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Penn State Hershey Medical Center, Hershey, PA, USA

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P208 EXERCISE PHYSIOLOGY, EXERCISE TESTING

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W.J. Hwang, J. Ha, J. Kim
Kyung Hee University, Seoul, Republic of Korea



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ANNUAL SCIENTIFIC SESSIONS 2018
23rd WORLD CONGRESS ON
HEART DISEASE

BOSTON, MA, USA, JULY 27 – 29, 2018

SCIENTIFIC
PROGRAM

Saturday, July 28, 2018

SCIENTIFIC PROGRAM



SATURDAY, JULY 28, 2018

08:30 – 11:00

Hall A

PL07

Plenary Session

CARDIOVASCULAR PROTECTION, REPAIR AND REGENERATION

Chairs: **N. Maulik**, Farmington, CT, USA

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

Abstract No.

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	147
08:45	microRNAs IN CARDIOVASCULAR REMODELING AND DISEASE (Invited Lecture) D.-Z. Wang , Boston Children's Hospital, Boston, MA, USA	148
09:00	MECHANISM OF CARDIOVASCULAR REMODELING IN HEART FAILURE (Invited Lecture) S.C. Tyagi , University of Louisville School of Medicine, Louisville, KY, USA	149
09:15	REGULATION OF ANGIOGENIC RESPONSE IN DIABETIC MYOCARDIUM (Invited Lecture) N. Maulik , University of Connecticut School of Medicine, Farmington, CT, USA	150
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	151
09:45	CARDIAC CELL THERAPY: CUMULATIVE DATA AND NEW CONCEPTS (Invited Lecture) B. Dawn , University of Nevada, Las Vegas, NV, USA	152
10:00	MULTI-FACETED CONTRIBUTION OF TIMPs TO MYOCARDIAL REMODELING (Invited Lecture) Z. Kassiri , University of Alberta, Edmonton, AB, Canada	153
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	154
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	155
10:45	NATRIURETIC PEPTIDE RECEPTOR-C IMPROVES VASCULAR REMODELING IN SPONTANEOUSLY HYPERTENSIVE RATS (Invited Lecture) M.B. Anand-Srivastava , University of Montreal, Montreal, QC, Canada	156
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. Rajamannan, Rochester, MN, USA

Abstract No.

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|-------|--|-----|
| 08:30 | <p>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</p> <p>R. Patel, S. Banga, J. Patel, M. Barzallo, S. Mungee
 University of Illinois College of Medicine-Peoria/OSF Healthcare, Bloomington, IL, USA</p> | 157 |
| 08:45 | <p>A NOVEL AUTOLOGOUS TISSUE-ENGINEERED HEART VALVE FOR TRANSCATHETER IMPLANTATION</p> <p>Y. Takewa, Y. Nakayama, J. Shimamura, E. Tatsumi
 National Cerebral and Cardiovascular Center, Osaka, Japan</p> | 158 |
| 09:00 | <p>THE EMERGING ROLE OF CIRCULATING AND URINARY BIOMARKERS IN THE ASSESSMENT OF ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture)</p> <p>A.R. Opotowsky
 Boston Children's and Brigham & Women's Hospitals, Boston, MA, USA</p> | 159 |
| 09:15 | <p>GENETICS OF VALVE DISEASES (Invited Lecture)</p> <p>R. Durst
 Hadassah Hebrew University Medical Center, Jerusalem, Israel</p> | 160 |
| 09:30 | <p>NHLBI WORKING GROUP RECOMMENDATIONS ON CALCIFIC AORTIC VALVE DISEASE: THE CHAIRMAN'S PERSPECTIVE (Invited Lecture)</p> <p>N.M. Rajamannan
 Mayo Clinic, Rochester, MN, and Most Sacred Heart of Jesus Cardiology and Valvular Institute, Sheboygan WI, Corvita, Chicago IL, USA</p> | 161 |
| 09:45 | <p>FRAILITY AND CLINICAL OUTCOMES OF TRANSCATHETER AORTIC VALVE REPLACEMENT (Invited Lecture)</p> <p>A. Cheema
 St. Michael's Hospital, Toronto, ON, Canada</p> | 162 |
| 10:00 | <p>AORTIC REGURGITATION; ASSESSMENT OF ETIOLOGY & SEVERITY: IS IT STILL A CHALLENGE? (Invited Lecture)</p> <p>H.P. Chaliki
 Mayo Clinic, Scottsdale, AZ, USA</p> | 163 |

SATURDAY, JULY 28, 2018

08:30 – 11:00

Hall B

PL08

Plenary Session

VALVULAR AND STRUCTURAL HEART DISEASE – ASSESSMENT AND NOVEL TREATMENTS (continued)

Abstract No.

- | | | |
|-------|--|-----|
| 10:15 | TRICUSPID REGURGITATION - CURRENT AND EMERGING THERAPIES (Invited Lecture)
S. Singh
Cedars-Sinai Heart Institute, Los Angeles, CA, USA | 164 |
| 10:30 | NON-INVASIVE DIAGNOSTIC DILEMMA FOR LOW FLOW LOW GRADIENT AORTIC STENOSIS (Invited Lecture)
S. Rasla
St Vincent Hospital, Boston, MA, USA | 165 |
| 10:45 | PRE-TAVR HYPERBILIRUBINEMIA ASSOCIATED WITH POST-TAVR IN-HOSPITAL MORTALITY
S. Jou, H. Patel, H. Oglat, R. Zhang, L. Zhang, A. Nappi, M. Torosoff
Albany Medical College, Albany, NY, USA | 166 |
| 11:00 | COFFEE BREAK, VISIT POSTERS AND EXHIBITION | |

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

Abstract No.

- | | | |
|-------|---|-----|
| 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 | 167 |
| 08:45 | PARADOXICAL SINUS DECELERATIONS DURING DOBUTAMINE STRESS TESTING
S. Vallabhaneni , R. Aurshiya, S. Agrawal, L. Stone, R. Silmi, S. Pakniyat, S. Nanda, J. Shirani
St Luke's University Health Network, Bethlehem, PA, USA | 168 |
| 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 | 169 |
| 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. Altamiranoufion , S. Danciu
Advocate Illinois Masonic Medical Center, Chicago, IL, USA | 170 |
| 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. Figuredo, G.S. Pressman, N. Schiller
Einstein Healthcare Network, Philadelphia, PA, USA | 171 |
| 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 | 172 |
| 10:00 | USE OF CONTRAST AGENTS TO ENHANCE IMAGE QUALITY IN 2 D ECHOCARDIOGRAPHY FOR STRAIN ANALYSIS
I. Baig , S. Nanavaty, A. Sothwal, A. Alsaïd, T. Bauch
University, Geisinger Medical Center, Danville, PA, USA | 173 |
| 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 | 174 |

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)

Abstract No.

- 10:30 RIGHT VENTRICULAR DYSFUNCTION DIFFERS IN PATIENTS WITH IDIOPATHIC PULMONARY HYPERTENSION VS SECONDARY PULMONARY HYPERTENSION 175
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): 177
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 178
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	179
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	180
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	182
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, L. Balagova, D. Kapsdorfer, M. Marko, I. Riečanský Biomedical Research Center, Slovak Academy of Sciences, Bratislava, Slovakia	183
13:00	PERINODAL ADIPOSE TISSUE PARTICIPATES IN IMMUNE PROTECTION THROUGH A LYMPHATIC VESSEL-INDEPENDENT ROUTE (Invited Lecture) S. Liao University of Calgary, Calgary, AB, Canada	184
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SATURDAY, JULY 28, 2018

11:15 – 13:30

Hall B

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

Abstract No.

- | | | |
|-------|---|-----|
| 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 | 185 |
| 11:30 | MYCOBACTERIUM CHIMAERA IN CARDIAC SURGERY (Invited Lecture)
L.P. Perrault , J. Tardif, P. Pagé, P. Demers, D. Roy
Montreal Heart Institute, Montreal, QC, Canada | 186 |
| 11:45 | OCT-GUIDED PCI: PRESENT STATUS AND FUTURE PERSPECTIVES (Invited Lecture)
T. Akasaka , Wakayama Medical University, Wakayama, Japan | 188 |
| 12:00 | DIFFERENT MODULATION OF MIRNA BY CLOPIDOGREL AND TICAGRELOR IN PATIENTS WITH NSTEMI (Invited Lecture)
L. Biasucci , C. Mandolini, M.C. Grimaldi, G. Larosa
Catholic University of Rome, Rome, Italy | 189 |
| 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 | 190 |
| 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 | 191 |
| 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 | 192 |
| 13:00 | DEVELOPMENT OF A NOVEL AUTOLOGOUS HEART VALVE
Y. Takewa , Y. Nakayama, J. Shimamura, E. Tatsumi
National Cerebral and Cardiovascular Center, Osaka, Japan | 193 |
| 13:15 | A NOVEL CONCEPT IN REPAIR OF TETRALOGY OF FALLOT: PULMONARY ANNULUS Z-SCORE MAY NOT BE THE DETERMINANT FOR TRANSANNULAR 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 | 194 |
| 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

Abstract No.

- | | | |
|-------|--|-----|
| 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 | 195 |
| 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 | 196 |
| 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 | 197 |
| 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 | 198 |
| 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 | 199 |
| 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 | 200 |
| 12:45 | SUBPROTEOMIC ANALYSIS OF CARDIOMYOPATHIC CHANGES IN X-LINKED MUSCULAR DYSTROPHY
S. Murphy, M. Zweyer, R.R. Mundegar, D. Swandulla, K. Ohlendieck
Maynooth University, Maynooth, Ireland | 201 |
| 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 | 202 |
| 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 | 203 |
| 13:30 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

P301 NON-INVASIVE CARDIAC IMAGING, NUCLEAR CARDIOLOGY AND ECHOCARDIOGRAPHY

Board No.		Abstract No.
1	<p>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</p>	204
2	<p>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'Ettore, N. Cavallari, C. Ajassa, M. Ciardi, G. Placanica, V. Vullo, C. Gaudio, A. Vitarelli Sapienza University, Cardiology and Infectious Diseases Depts, Rome, Italy</p>	205
3	<p>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</p>	206
4	<p>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</p>	207
5	<p>ECHOCONTRAST INDUCED ANGIOEDEMA R. Samannan, M.A. Arif, U. Bhatti, E. Munzinger, S. Mathew University of Oklahoma, Oklahoma City, OK, USA</p>	208
6	<p>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</p>	209
7	<p>AN UNEXPECTED ECHOCARDIOGRAPHIC FINDING: RIGHT CORONARY ARTERY TO RIGHT ATRIAL FISTULA J.R. Martinez-Parachini, M. Khattab, D. Gilada, I. Javed, L. Size, P. Lozano University of Oklahoma HSC, Oklahoma City, OK, USA</p>	210
8	<p>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</p>	211
9	<p>LOEY DIETZ SYNDROME AS A RARE CAUSE OF CORONARY ANEURYSMS O. Aqtash, Y. Jawaid, A. Amro, K. Mansoor, L. Dial Marshall University, Huntington, WV, USA Dartmouth Hitchcock Medical Center, Lebanon, NH, USA</p>	212

**P302 PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE:
ASSESSMENT AND MANAGEMENT OF RISK FACTORS, LIFESTYLE CHANGES**

Board No.		Abstract No.
10	HEALTHY LIFESTYLE FACTORS AND RISK OF ABDOMINAL AORTIC ANEURYSM IN THE PHYSICIANS' HEALTH STUDY R. Singh, V. Bodar , J. Chen, L. Wang, H.D. Sesso, J.M. Gaziano, L. Djousse Brigham & Women's Hospital, Boston, MA, USA	213
11	TARGETED SCREENING OF THE ASSOCIATIONS BETWEEN CANDIDATE GENES AND ALCOHOL CONSUMPTION IN A HIGH CARDIOVASCULAR RISK POPULATION O. Coltell , E.M. Asensio, J.V. Sorlí, J.I. Gonzalez, J.B. Ramírez-Sabio, D. Corella Universitat Jaume I, Castellon, Spain	214
12	COMPARISON BETWEEN STRICT CONTROL OF RISK FACTORS AND STANDARD CONTROL IN PREVENTION OF ARTERIOSCLEROSIS T.J. Matsubara , E. Matsubara, J. Suzuki, T. Tomaru The University of Tokyo, Tokyo, Japan	215
13	IMPROVING THE CARDIOVASCULAR HEALTH OF PRESCHOOLERS IN A CHILDCARE SETTING R. Natale University of Miami School of Medicine, Miami, FL, USA	216
14	CAFFEINE INDUCED MYOCARDIAL INFARCTION A.C. Atanda, E. Mbey , F. Ogundipe, D. Ugwendum, S. Folaranmi, V. Mallipeddi, J. Henry, B. Curry Howard University Hospital, Washington, DC, USA	217
P303 STABLE ISCHEMIC HEART DISEASE		
15	PREDICTORS OF IN-HOSPITAL MORTALITY AMONG SYSTEMIC LUPUS ERYTHEMATOUS PATIENTS WITH ACUTE MYOCARDIAL INFARCTION RESULTS FROM A LARGE NATIONAL DATABASE O. Ola , O. Olorunfemi, A. Akinlonu, T.O. Mene-Afejuku, R. Ojo, O. Akinboro Mayo Clinic Health System, LaCrosse, WI, USA	218
16	COLON CANCER LATERALITY IS ASSOCIATED WITH ATHEROSCLEROSIS AND CORONARY ARTERY DISEASE S.C. Wang, J. Schulman-Marcus, J. Fantauzzi, T. Bevington, A. Sayegh, R. Alreshq , E. Lee, A. Ata, M. Sidhu, M. Kambam, R. Lyubarova Albany Medical Center, Albany, NY, USA	219
17	RISK FACTOR ANALYSIS FOR PATIENTS WITH SLOW CORONARY FLOW M. Katsnelson , M. Bhalja, J. Diez Baylor College of Medicine, Houston, TX, USA	220

SATURDAY, JULY 28, 2018

08:00 – 13:00

Poster Hall

P303 STABLE ISCHEMIC HEART DISEASE (continued)

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18	PREVALENCE OF CORONARY CALCIFICATION ON CT IN PATIENTS WITH ATRIAL FIBRILLATION B.P. Schwartz Albany Medical College, Albany, NY, USA	221
19	CLINICAL IMPLICATIONS OF microRNA SCORE IN DISCRIMINATING VASOSPASTIC ANGINA FROM ATHEROTHROMBOTIC ANGINA OR NON-CORONARY CHEST PAIN H.-Y. Lee Seoul National University Hospital, Seoul, Republic of Korea	222
20	ASIAN-INDIANS: A REVIEW OF CORONARY ARTERY DISEASE IN THIS UNDERSTUDIED COHORT IN THE UNITED STATES A. Sharma , D.R. Ardeshta, T. Bob-Manuel, A. Nanda, U. Ashraf, J. Kelly, R.N. Khouzam University of Tennessee Health Science Center, Memphis, TN, USA	223
21	INTERVENTIONAL DECISION MAKING WITH FRACTIONAL FLOW RESERVE FOR CULPRIT LESIONS ASSOCIATED WITH LEFT ANTERIOR DESCENDING 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	224
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	225
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	226

P304 HEART DISEASE IN WOMEN

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	227
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P305 HEART DISEASE IN THE ELDERLY

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26	<p>EXAMINING VARIATIONS IN STROKE RISK FACTORS AND HOSPITAL COST BY AGE AND GENDER IN CALIFORNIA B. Husaini Tennessee state University, Nashville, TN, USA</p>	229
27	<p>PREVALENCE AND CONTROL OF HYPERTENSION IN THE ELDERLY: RESULTS FROM CHINA HYPERTENSION SURVEY, 2012-2015 Z. Wang, S. Li, X. Wang, Z. Chen, L. Zhang, Y. Dong, C. Wang, J. Wang, Y. Kang, R. Gao National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, Beijing, China</p>	230
P306 MISCELLANEOUS		
28	<p>LOW RISK PULMONARY EMBOLISM PATIENTS CAN BE DISCHARGED FROM EMERGENCY DEPARTMENT: A META-ANALYSIS A.H. Malik Westchester Medical Center, Harriman, NY, USA</p>	231
29	<p>GENERATING BIG DATA OF CARDIOVASCULAR RISK FACTORS THROUGH GEOTAGGED TWITTER MINING J. Lee, J. Sung Jackson State University, Madison, MS, USA</p>	232
30	<p>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</p>	233
31	<p>TRANSIENT PULSUS ALTERNANS IN A MINIATURE PINSCHER WITH PULMONIC STENOSIS W.A. Ware, S. Murphy, A. Cheney Iowa State University, Ames, IA, USA</p>	234

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

Abstract No.

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|-------|---|-----|
| 14:00 | FASTING IS NOT NECESSARY FOR LIPID TESTING:
<i>NIHIL PER OS NON IAM</i> (Invited Lecture)
S. Mora
Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA | 235 |
| 14:15 | ASPIRIN IN THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE: NEED FOR INDIVIDUAL CLINICAL JUDGMENTS (Invited Lecture)
C.H. Hennekens , S.K. Wood, D.D. DeMets, M.A. Pfeffer
Charles E. Schmidt College of Medicine, Florida Atlantic University, Boca Raton, FL, USA | 236 |
| 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 | 237 |
| 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 | 238 |
| 15:00 | TESTOSTERONE AND CARDIOVASCULAR DISEASE (Invited Lecture)
J. Shirani , St. Luke's University Health Network, Bethlehem, PA, USA | 239 |
| 15:15 | UPDATE ON PREOP EVALUATION OF PATIENTS UNDERGOING NON-CARDIAC SURGERY (Invited Lecture)
M. Movahed , CareMore and University of Arizona, Tucson, AZ, USA | 240 |
| 15:30 | HEARTFUL LIVING: PROGRAM FOR IMPROVING HEALTH & LIFESTYLE THROUGH SELF-AWARENESS (Invited Lecture)
A. Chockalingam
University of Missouri, Columbia, MO, USA | 241 |
| 15:45 | CARDIOVASCULAR DISEASE RISK AND MENOPAUSE: WHAT HAVE WE LEARNED FROM SWAN? (Invited Lecture)
S.R. El Khoudary
Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA, USA | 242 |
| 16:00 | SEX DIFFERENCES IN EXERCISE DURATION TIME AND RISK OF CARDIOVASCULAR DISEASE EVENTS IN HEALTHY ADULTS (Invited Lecture)
R. Herscovici, E. Maor, J. Mirocha, I. Goldenberg, S. Segev, Y. Charuzi
Cedars- Sinai Smidt Heart Institute, Los Angeles, CA, USA | 243 |
| 16:15 | COFFEE BREAK, VISIT EXHIBITION | |

PL12 Plenary Session

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

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

Abstract No.

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|-------|--|-----|
| 14:00 | MODULATION OF INFLAMMATORY VASCULITIS (IVS) AND ANTI-INFLAMMATORY TREATMENT BY THE GUT MICROBIOTA – A MOUSE HERPESVIRUS IVS MODEL (Invited Lecture)
A. Lucas , J.R. Yaron, S. Ambadapadi, L. Zhang
Biodesign Institute, Arizona State University, Tempe, Arizona, USA | 244 |
| 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 | 245 |
| 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 | 246 |
| 14:45 | CARDIOVASCULAR AGING AND BIOLOGICAL PATHS TO RESILIENCE (Invited Lecture)
S. Cheng , Brigham and Women's Hospital, Boston, MA, USA | 247 |
| 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 | 248 |
| 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 | 249 |
| 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 | 250 |
| 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 | 251 |
| 16:00 | COFFEE BREAK, VISIT EXHIBITION | |

SATURDAY, JULY 28, 2018

14:00 – 17:00

Hall C

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

Abstract No.

- | | | |
|-------|---|-----|
| 14:00 | PACEMAKER/ICD IN THE MRI ENVIRONMENT; BEYOND THE MAGNASAFE TRIAL (Invited Lecture)
R.W. Biederman , L. Gevenosky, H. Samar, R.B. Williams, R. Lombardi, M. Shah, C. Bonnet, M. Doyle
Allegheny General Hospital, Pittsburgh, PA, USA | 252 |
| 14:15 | THERAPEUTIC HYPOTHERMIA IN CARDIAC ARREST SURVIVORS WITH PRE-EXISTING CONGESTIVE HEART FAILURE IS NEPHROPROTECTIVE
A. Dutta , K. Hari, H.R. Jogu, U. Nasir, A. Pal, W. Qureshi
Wake Forest Baptist Health, Winston Salem, NC, USA | 253 |
| 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 | 254 |
| 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 | 255 |
| 15:00 | TEMPERATURE INTOLERANCE AS A COMMON SYMPTOM IN POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME
H. Ahmad , W. Almardini, M.A. Nasri, S.B. Alam, H. Mistry, N. Joy, K. Munez, S. Alam, A. Suleman
Cardiology, The Heartbeat Clinic, McKinney, TX, USA | 256 |
| 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. Bariahtaris, A. Sharma, S.G. Green, P. Douville, J.N. Ruskin
Precision Xtract, Boston, MA, USA | 257 |
| 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 | 258 |

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

		Abstract No.
15:45	<p>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</p>	259
16:00	<p>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</p>	260
16:15	<p>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</p>	261
16:30	<p>NON-SUSTAINED AND INDUCIBLE SUSTAINED VENTRICULAR TACHYCARDIA IN PACEMAKER PATIENTS Y. Hanna, M. Arulthasan, W.-C. Sheu, D.A. Bloomfield Richmond University Medical Center, Staten Island, NY, USA</p>	262
16:45	<p>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</p>	263
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

Abstract No.

- | | | |
|-------|---|-----|
| 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 | 264 |
| 17:00 | PREFERABLE EFFECTS OF AMLODIPINE/DIURETICS TO AMLODIPINE/TELMISARTAN ON VISIT-TO-VISIT VARIABILITY OF BLOOD PRESSURE IN HIGH-RISK HYPERTENSIVE PATIENTS
P.P. Lu , P. Fan, L.Y. Ma, A.H. Hu, W. Wang, L.S. Liu, L.H. Ma, X.L. Zhou
Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China | 265 |
| 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 | 266 |
| 17:30 | PREDICTORS OF HIGH ON-ASPIRIN PLATELET REACTIVITY IN CHINESE ELDERLY PATIENTS
W. Ou , X. Chen, M. Liu, B. Huang, X. Feng, W. Liu, M. Liu
Peking University First Hospital, Beijing, China | 267 |
| 17:45 | PREVENT AND INTERCEPT AMI (ACUTE MYOCARDIAL INFRACTION) 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 | 268 |
| 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 | 269 |
| 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 | 270 |

S27

Session

CARDIOVASCULAR DISEASE PREVENTION AND RISK MANAGEMENT (continued)

Abstract No.

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|-------|---|-----|
| 18:30 | <p>CARDIOVASCULAR DISEASE IN HIV INFECTED PATIENTS –
A RETROSPECTIVE REVIEW AT A SINGLE CENTER IN MIAMI
G. Zablak, F. Pyrali, R. Iordanov, T. Haque, R. Parmar, C. Martinez
University of Miami/Jackson Memorial Hospital, Miami, FL, USA</p> | 271 |
| 18:45 | <p>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</p> | 272 |
| 19:00 | <p>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</p> | 273 |
| 19:15 | <p>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. Zhang PO1
NCCD, Fuwai Hospital, Pecking Union Medical College, CAMS, Beijing, China</p> | 274 |

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 | <p>BETA3-ADRENERGIC RECEPTOR BLOCKADE BY APD418 ENHANCES CARDIAC POSITIVE INOTROPIC AND LOSITROPIC RESPONSES TO DOBUTAMINE IN HEART FAILURE ASSESSMENT BY PRESSURE-VOLUME ANALYSIS
 X. Zhang, Z. Zhang, T. Li, H.-J. Cheng, D. Deal, J. Jordan, J. Adams, C. Cheng
 Wake Forest School of Medicine, Winston-Salem, NC, USA</p> | 275 |
| 17:00 | <p>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</p> | 276 |
| 17:15 | <p>ELEVATED SERA SST2 PREDICTS HEART FAILURE IN MEN UNDER THE AGE OF 50 WITH CLINICAL SUSPECTED MYOCARDITIS
 K.A. Bruno, M. Coronado, L. Blauwet, E. Douglass, E. Abston, J. Frisancho, M. Greenaway, A. Hill, L. Cooper, Jr., D. Fairweather
 Mayo Clinic, Jacksonville, FL, USA</p> | 277 |
| 17:30 | <p>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</p> | 278 |
| 17:45 | <p>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</p> | 279 |
| 18:00 | <p>PREVALENCE OF COGNITIVE IMPAIRMENT AND EFFECT ON REHOSPITALIZATION IN PATIENT WITH ACUTE HEART FAILURE
 J. Kewcharoen, C. Techorueangwiwat, W. Laosanguanek, T. Tientsuntisook, A. Ariyachaipanich
 Chulalongkorn University, Bangkok, Thailand</p> | 281 |
| 18:15 | <p>ASSESSING THE COMPONENTS OF THE NEWLY REPORTED ASA SCORE
 A. Mukherjee, A. Alam, C. Maulion, E. Pagan, J. Xu, D. James, J. Cheng, D. Iyer, K. Mody, J. Almendral
 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</p> | 282 |

S28

Oral Session

HEART FAILURE: NOVEL RISK FACTORS, PREDICTORS, NEW TREATMENT OPTIONS AND OUTCOME (continued)

Abstract No.

- | | | |
|-------|---|-----|
| 18:30 | <p>VALIDATION OF THE ARABIC VERSION OF THE MINNESOTA LIVING WITH HEART FAILURE QUESTIONNAIRE</p> <p>S. Noureddine, M. Zahwe, H. Isma'eel, H. Tamim, A. Al Hajje, S. Rachidi, H. Skouri
American University of Beirut, Beirut, Lebanon</p> | 283 |
| 18:45 | <p>CONTEMPORARY RETROSPECTIVE REVIEW OF HEART FAILURE READMISSIONS AT AN ACADEMIC MEDICAL CENTER</p> <p>M. Almnajam, M. Ghanim, G. Yesodharan, M. Afari, L. Tsao
St Elizabeth's Medical Center, Boston, MA, USA
Ain Shams University, Cairo, Egypt</p> | 284 |
| 19:00 | <p>PREDICTORS OF HYPERBILIRUBINEMIA AMONG PATIENTS WITH NON-ISCHEMIC HEART FAILURE AND PROGNOSTIC IMPLICATIONS</p> <p>T.O. Mene-Afejuku, A. Akinlonu, P.D. Lopez, C. Dumancas, E.A. Symonds, A. Alisasis, O. Alsalman, G. Pekler, S. Mushiyev, F. Visco
New York Medical College, Metropolitan, New York, NY, USA
Cardiff Metropolitan University, Cardiff, UK</p> | 285 |

SATURDAY, JULY 28, 2018

17:00 – 18:30

Hall C

S29

Session

DIAGNOSIS AND MANAGEMENT OF AORTA AND PERIPHERAL VASCULAR DISEASES

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

Abstract No.

- | | | |
|-------|--|-----|
| 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 | 286 |
| 17:15 | THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE: RESULTS FROM THE CHINA HYPERTENSION SURVEY, 2012-2015
Z. Wang , X. Wang, L. Zhang, Z. Chen, Y. Dong, C. Zheng, J. Wang
National Center of Cardiovascular Disease, FU WAI Hospital PUMC & CAMS, Beijing, China | 287 |
| 17:30 | PROFILES OF PERIPHERAL ARTERIAL DISEASE INTERVENTIONS IN A NETWORK OF FREESTANDING OUTPATIENT CLINICS
D. Cross , K. Bemis, N. Marwah, J. Larkin, L. Usvyat, R. Lombardo, A. Odhav, T. Das, B. Le, F. Maddux
National Cardiovascular Partners, Houston, TX, USA | 288 |
| 17:45 | NOVEL MURINE DEEP VENOUS THROMBOSIS (DVT) MODEL ENABLES REAL-TIME IN VIVO IMAGING OF CLINICALLY RELEVANT DVT
M. Okano , T. Hara, Y. Irino, S. Kobayashi, M. Shinohara, R. Toh, T. Ishida, K.-I. Hirata
Kobe University Graduate School of Medicine, Kobe, Japan | 289 |
| 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 | 290 |
| 18:15 | HIGH PREVALENCE OF INTERNAL ELASTIC LAMINA CALCIFICATION IN AN ELDERLY POPULATION: A CADAVERIC STUDY
J.D. Davidov , 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 | 291 |

P401 ATRIAL FIBRILLATION: CAUSES, SYMPTOMS AND TREATMENT

Board No.

Abstract No.

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|--|--|-----|
| 1 | THE LEFT ATRIAL APPENDAGE FRACTAL DIMENSION IN ATRIAL FIBRILLATION
R.A. Kabadi , V. Singh, M. Keroles, V. Rajendran, D. Frisch, B. Pavri, B. Sundaram, S. Guo, J. Jacobson, T. Nag
Thomas Jefferson University Hospital, Philadelphia, PA, USA | 292 |
| 2 | AGREEMENT BETWEEN A MEDTRONIC PACEMAKER AND LINQ IN REPORTING PAROXYSMAL ATRIAL FIBRILLATION
J. Kneller
Astria Heart Institute, Yakima, WA, USA | 293 |
| 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 | 294 |
| 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 | 295 |
| 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 | 296 |
| 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 | 297 |
| 7 | PHYSICIAN PERCEPTION SURVEY REGARDING ABBOTT (FORMERLY ST. JUDE) CYBERSECURITY VULNERABILITIES AND FIRMWARE UPGRADE FOR PACEMAKERS
T. Dar , B. Yarlagadda, L.D. Berenbom, M. Emert, D. Atkins, M. Reddy, R. Dendi, R.C. Pimentel, D. Lakkireddy, S.H. Sheldon
University of Kansas Medical Center, Kansas City, KS, USA | 298 |

SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P402 SUDDEN DEATH, ARRHYTHMIAS AND DEVICE THERAPY (continued)

Board No.

Abstract No.

- 8 RUNNING TO A STANDSTILL: CARDIAC ARREST IN A HEALTHY MARATHON RUNNER WITH A MYOCARDIAL BRIDGE **299**
A. Cubberley, C. Ngongang, S. Banka
Drexel University College of Medicine/Hahnemann University Hospital, Philadelphia, PA, USA
- 9 A HIDDEN CASE OF HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY RELATED SUDDEN CARDIAC ARREST UNDER THE GUISE OF ACUTE ST ELEVATION MYOCARDIAL INFARCTION IN AN ELDERLY MALE **300**
M. Anderson, M. Rodriguez Ziccardi
Albert Einstein Medical Center, Philadelphia, PA, USA
- 10 WEARABLE CARDIOVERTER DEFIBRILLATOR “THE LIFEVEST”: DEVICE DESIGN, LIMITATIONS, AND AREAS OF IMPROVEMENT **301**
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
- 11 A RARE CASE OF PACEMAKER-DEFIBRILLATOR DEVICE INFECTION CAUSED BY *ACHROMOBACTER XYLOSOXIDANS* **302**
S.A. Raza, R. Collazo-Maldonado, L. Hunter
Methodist Health System- Dallas, Dallas, TX, USA
- 12 TWIDDLER’S SYNDROME IN A PATIENT WITH TARDIVE DYSKINESIA **303**
S. Shrestha, A.C. Shah, M. Polomsky, S.L. Winters
Morristown Medical Center, New Jersey, NJ, USA

P403 ARRHYTHMIAS AND ELECTROPHYSIOLOGY

- 13 CLINICAL CHARACTERISTICS AND OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT WITHOUT LVH BY VOLTAGE CRITERIA **304**
R. Zhang, **K. Keller**, S. Jou, A. Nappi, M. El-Hajjar, A. Delago, M. Torosoff
Albany Medical Center, Albany, NY, USA
- 14 ELECTROCARDIOGRAPHIC ABNORMALITIES IN SICKLE CELL PATIENTS IN A MAJOR METROPOLITAN CENTER **305**
S.M. Chiadika, A.J. Serauto-Canache, M. Kwak, W. Yang, **K.C. Pabba**, M. Idowu
University of Texas Health Science Center at Houston, Houston, TX, USA
- 15 PREVALENCE AND CLINICAL IMPLICATIONS OF LEFT VENTRICULAR HYPERTROPHY BY VOLTAGE CRITERIA IN TAVR RECIPIENTS **306**
R. Zhang, **K. Keller**, S. Jou, A. Delago, M. El-Hajjar, A. Nappi, M. Torosoff
Albany Medical Center, Albany, NY, USA

P403 **ARRHYTHMIAS AND ELECTROPHYSIOLOGY (continued)**

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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	307
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	308
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	309
19	FEVER-INDUCED BRUGADA PATTERN IN A HISPANIC PATIENT J.M. Stempel , A. Tiu, N. Candelario, A. Mora, D. Brito Ibert Einstein Medical Center, Philadelphia, PA, USA	310
20	SLOW VENTRICULAR TACHYCARDIA M.A. Arif , R. Samannan, U. Bhatti, C.H. May University of Oklahoma, Oklahoma City, OK, USA	311
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	312
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	313
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.	314

P403 ARRHYTHMIAS AND ELECTROPHYSIOLOGY (continued)

Board No.		Abstract No.
24	REFRACTORY ELECTRICAL STORM IN CHAGAS CARDIOMYOPATHY: IS HEART TRANSPLANT THE LAST OPTION? I.C. Pinheiro, J.R.F. Rocha, M.C. Caires , P.B. Villela, L.R. Siqueira, A.T. Alencar, P.A. Sampaio, A.S. Sousa, R.M. Ferreira Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil	315

25	LEV'S DISEASE IN A YOUNG ADULT WITH BICUSPID AORTIC VALVE S. Vallabhaneni , R. Aurshiya, S.J. Meera, S. Pakniyat, D. Traub, J. Shirani St.Luke's University Health network, Bethlehem, PA, USA	316
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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 K. Park , C. Kim, J. Kang, H.-S. Kim Seoul National University Hospital, Seoul, Republic of Korea	317
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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 A. Amro , M. Kanbour, H. Hirzallah, O. Aqtash, A. El-Hamdani, Y. Numan, Y. Abdelazeez, K. Mansour, M. El-Hamdani Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA	318
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28	SIMPLIFIED TECHNIQUE FOR CORONARY ANGIOGRAPHY IN PATIENTS WITH DEXTROCARDIA WITH SITUS INVERSUS J. Crisafi , A. Agarwal Kettering Medical Center/Dayton VA Medical Center, Dayton, OH, USA	319
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29	SAME DAY DISCHARGE PCI: HIGH CLINICAL RISK PATIENTS J. Telayna, Jr. , E. Martino, R. Costantini, J. Telayna, Sr. Hospital Universitario Austral, Pilar - Buenos Aires, Argentina	320
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30	SAME DAY DISCHARGE PCI: HIGH ANGIOGRAPHIC RISK J. Telayna, Jr. , R. Costantini, Sr., E. Martino, Sr., J. Telayna, Sr. Hospital Universitario Austral, Pilar - Buenos Aires, Argentina	321
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31	IMPELLA VERSUS INTRA-AORTIC BALLOON PUMP IN CARDIOGENIC SHOCK POST PERCUTANEOUS CORONARY INTERVENTION N. Shah Internal Medicine, St Mary Mercy Hospital, Livonia, MI, USA	322
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SATURDAY, JULY 28, 2018

13:30 – 18:30

Poster Hall

P404 PERCUTANEOUS CORONARY INTERVENTION (continued)

Board No.		Abstract No.
32	ROTATIONAL ATHERECTOMY OF A COMPLEX CALCIFIC VENOUS BYPASS GRAFT I. Baig , S. Ahmed, C. Patel, S. Green Geisinger Medical Center, Danville, PA, USA	323
33	POSSIBLE ACUTE MYOCARDIAL INFARCTION AND HYPOTENSION: THE UTILITY OF ECHOGRAM A. Sayed , W. Aronow, R. Timmermans Westchester medical center, Valhalla, NY, USA	324
P405 ANTITHROMBOTIC AND ANTIPLATELET THERAPY		
34	PRASUGREL STILL NEEDS MORE ATTENTION!!!!!!!!!!!! A. Amro , O. Aqtash, H. Hirzallah, Y. Numan, R. Sayyed Marshall University Joan C. Edwards School of Medicine., Huntington, WV, USA	325
35	USE OF NEW THIENOPYRIDINES IN PATIENTS WITH CORONARY ARTERY DISEASE TREATED WITH PERCUTANEOUS CORONARY INTERVENTIONS IN ARGENTINA. RESULTS FROM A "REAL WORLD" MULTICENTER REGISTRY A.M. Rodriguez-Granillo, C. Haiek, M. Larribau, C. Fernandez-Pereira, J. Mieres, R. Sarmiento, A. Pocoví, W. Pan, Z. Ming, A.E. Rodriguez Centro de Estudios en Cardiología Intervencionista (CECI), Buenos Aires, Argentina	326
36	RECURRENT PULMONARY EMBOLISM DESPITE BEING ON RIVAROXABAN M. Ghanim , S. Hegde, A. Vaziri Saint Elizabeth Medical Center, Brighton, MA, USA	327
37	HOW SAFE ARE NEWER ANTICOAGULANTS AND THEIR REVERSAL ANTIDOTES: A CASE REPORT ON RISK-BENEFIT DILEMMA N. Shah St Mary Mercy Hospital, Livonia, MI, USA	328



INTERNATIONAL
ACADEMY OF
CARDIOLOGY

INTERNATIONAL ACADEMY OF CARDIOLOGY
ANNUAL SCIENTIFIC SESSIONS 2018
23rd WORLD CONGRESS ON
HEART DISEASE

BOSTON, MA, USA, JULY 27 – 29, 2018

SCIENTIFIC
PROGRAM

Sunday, July 29, 2018

SCIENTIFIC PROGRAM



SUNDAY, JULY 29, 2018

08:30 – 11:00

Hall A

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

Abstract No.

- | | | |
|-------|--|-----|
| 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 | 329 |
| 08:45 | SPONTANEOUS CORONARY ARTERY DISSECTION: FURTHER INSIGHTS UTILISING BIG DATA (Invited Lecture)
R. Potluri
ACALM, Birmingham, UK | 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 | 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 | 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 | 333 |
| 09:45 | INTRAVASCULAR ULTRASOUND (IVUS): CURRENT STATUS AND FUTURE PROSPECTS (Invited Lecture)
M. Terashima
Toyohashi Heart Center, Toyohashi, Japan | 334 |
| 10:00 | PLACEBO: POWER OF NON-SPECIFIC TREATMENT EFFECTS (Invited Lecture)
G. Barsness
Mayo Clinic, Rochester, MN, USA | 335 |

PL13 Plenary Session**CORONARY ARTERY DISEASE: FROM BASIC MECHANISMS TO NOVEL OPPORTUNITIES FOR DIAGNOSIS AND TREATMENT (continued)**

Abstract No.

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|-------|--|------------|
| 10:15 | <p>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</p> | 336 |
| 10:30 | <p>ATHEROSCLEROSIS IN ANCIENT MUMMIES (Invited Lecture)
 M. Madjid
 McGovern School of Medicine, Houston, TX, USA</p> | 337 |
| 10:45 | <p>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</p> | 338 |
| 11:00 | <p>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</p> | |

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

Abstract No.

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	339
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	340
09:00	GENETICS IN THE MANAGEMENT OF DILATED CARDIOMYOPATHY (Invited Lecture) L. Mestroni University of Colorado Anschutz Medical Campus, Aurora, CO, USA	341
09:15	TARGETING CaMKII IN HEART FAILURE (Invited Lecture) Y. Wang , J. Cheng Zhongnan Hospital of Wuhan University, Wuhan, China	342
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	343
09:45	MECHANISMS OF DCM DUE TO CELL CYCLE STRESS (Invited Lecture) B.S. Tuana , University of Ottawa, Ottawa, ON, Canada	344
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	345
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	346
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	347
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

Abstract No.

- | | | |
|-------|---|-----|
| 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 | 348 |
| 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 | 349 |
| 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 | 350 |
| 09:15 | LESS IS MORE - RESTRICTIVE TRANSFUSION STRATEGY IN CORONARY ARTERY DISEASE PATIENTS RESULTS IN SHORTER LENGTH OF STAY
G.A. Medranda , P.J. Sapia, K. Brahmabhatt, C.A. Garcia, C. Healey, M. Fazzari, S. Green
NYU Winthrop Hospital, Mineola, NY, USA | 351 |
| 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 | 352 |
| 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 | 353 |
| 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 | 354 |
| 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 | 355 |
| 10:30 | LONG-TERM PROGNOSTIC VALUE OF CORONARY ANGIOGRAPHY IN MEDICALLY TREATED PATIENTS
R.M. Ferreira, M.C. Caires , L. Franco, P.B. Villela, J.C.G. Almeida, L.A. Salis, N.A. de Souza e Silva
Edson Saad Heart Institute, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil | 356 |
| 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

Abstract No.

11:15	FALSE CATHETERIZATION ALERTS: ECG CLUES AND ECONOMIC IMPACT A. Agrawal , M. Lu, N. Kanjanahattakij, H. Jeon, A. Romero-Corral, V. Figueredo, G. Pressman Albert Einstein Medical Center, Philadelphia, PA, USA	357
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	358
11:45	PREDICTIVE VARIABLES OF LONG TERM OUTCOME IN PATIENTS UNDERGOING COMPLEX PERCUTANEOUS CORONARY INTERVENTIONS. THE ERACI RISK SCORE A.M. Rodriguez-Granillo, H. Pavlovsky, C. Fernandez-Pereira, J. Mieres, M.L. Sisu, O. Santaera, Z. Ming, W. Pan, A.E. Rodriguez Sanatorio Otamendi, Buenos Aires, Argentina	359
12:00	ASSOCIATION BETWEEN E-CIGARETTE USE AND CARDIOVASCULAR DISEASE P. Ndunda , T. Muutu University of Kansas School of Medicine - Wichita, KS, USA	360
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	361
12:30	MARIJUANA (CANNABIS) USE IS AN INDEPENDENT PREDICTOR OF ADVERSE OUTCOMES IN PRINZMETAL'S ANGINA A. Singh, R. Aurshiya , S. Pakniyat, J. Shirani St. Luke's University Health network, Bethlehem, PA, USA	362
12:45	ANTIPLATELET DRUG RESISTANCE IN ASIAN POPULATION S.A.P. Sadath , G. Vijayaraghavan Nizar Cardiac Centre, Malappuram, India	363
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	364

SUNDAY, JULY 29, 2018**11:15 – 14:00****Hall A****S31****Session****ACUTE CORONARY SYNDROME: DETECTION, PREVENTION AND TREATMENT (continued)**

Abstract No.

- 13:15 MYOCARDIAL BRIDGES DIAGNOSTICS **365**
O. Gogayeva, V. Lazoryshynets, L. Dzakhoieva, S. Rudenko, S. Salo
National Amosov Institute of Cardiovascular Surgery NAMS of Ukraine,
Kiev, Ukraine
- 13:30 INTERNUCLEAR OPHTHALMOPLEGIA, A RARE NEURO **366**
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 **367**
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 BETA ₃ -ADRENERGIC RECEPTOR ANTAGONIST OF APD418 IMPROVED LEFT VENTRICULAR AND CARDIOMYOCYTE FUNCTIONAL PERFORMANCE IN CONSCIOUS, CHRONICALLY-INSTRUMENTED DOGS WITH PACING-INDUCED HEART FAILURE
H.-J. Cheng, X. Zhang, T. Li, Z. Zhang, D. Deal, J. Jordan, J. Adams, C. Cheng
Wake Forest School of Medicine, Winston-Salem, NC, USA | 368 |
| 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 | 369 |
| 11:45 | ECHOCARDIOGRAPHIC PREDICTORS OF NEW ONSET TACHYARRHYTHMIA INDUCED CARDIOMYOPATHY
N. Thinda , B. Khatri, C. Katikireddy
VA CCHS / UCSF Fresno, Fresno, CA, USA | 370 |
| 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 | 371 |
| 12:15 | STRESS CARDIOMYOPATHY ASSOCIATED WITH COCAINE USE
A. Singh, R. Aurshiya , S. Pakniyat, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA | 372 |
| 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 | 373 |
| 12:45 | UNDERRATED AND DIAGNOSED: CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH)
A. Shah , S. Shrestha, C. Cabral
Morristown Medical Center, Morristown, NJ, USA | 374 |

S32

Session

**CARDIOMYOPATHY, HEART FAILURE AND PULMONARY HYPERTENSION:
NOVEL APPROACHES FOR DIAGNOSIS AND TREATMENT (continued)**

Abstract No.

- 13:00 OBESITY PARADOX IN RECREATIONAL DRUG USERS: ARE HEART FAILURE OUTCOMES AFFECTED? **375**
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 **376**
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

SUNDAY, JULY 29, 2018

11:15 - 13:30

Hall C

S33

Session

VALVULAR AND STRUCTURAL HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS

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

Abstract No.

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|-------|--|-----|
| 11:15 | ACQUIRED AORTIC ATRESIA CATHETER THERAPY USING COVERED STENTS
S.S. Mohsin, T. Momenah, K. Al Khalaf, A. Alshari
Prince Sultan Cardiac Center, Riyadh, Saudi Arabia | 377 |
| 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 | 378 |
| 11:45 | PEDIATRIC AND ADULT CONGENITAL ARRHYTHMIAS MANAGEMENT: TECHNIQUES AND CHALLENGES (Invited Lecture)
S. Das , University of Arkansas for Medical Sciences, Little Rock, AR, USA | 423 |
| 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 | 379 |
| 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 | 380 |
| 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 | 381 |
| 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 | 382 |
| 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 | 383 |
| 13:15 | MY WORST COMPLICATION JUST HAPPENED
I. Baig , S. Ahmed, C. Good, A. Alsaid, S. Agarwal
University, Geisinger Medical Center, Danville, PA, USA | 384 |

SUNDAY, JULY 29, 2018

08:00 – 13:00
Poster Hall
P501 MOLECULAR AND CELLULAR CARDIOLOGY, VASCULAR BIOLOGY, BASIC RESEARCH

Board No.		Abstract No.
1	<p>PHARMACOLOGICAL RESCUE OF MITOCHONDRIAN HEART FAILURE J. Han Inje University, Busan, Republic of Korea</p>	385
2	<p>THE PROTECTIVE ROLE OF PRX1 IN THE ATHEROSCLEROSIS BY REGULATING MACROPHAGE LIPOPHAGIC FLUX S.-J. Jeong, G. Oh Cardiovascular Division, St. Louis, MO, USA</p>	386
3	<p>LIPID LYSOPHOSPHATIDYLCHOLINE-INDUCED Ca²⁺ INFLUX WAS MUCH MORE SUBSTANTIAL AND UNLIKELY STORE-OPERATED Ca²⁺ ENTRY (SOCE) IN CYTOTOXICITY OF MOUSE CEREBRAL MICROVASCULAR ENDOTHELIAL CELLS K.-L. Wong, C.-W. Cheung, B.-M. Huang, Y.-M. Leung China Medical University and Hospital, Taichung, Taiwan</p>	387
4	<p>THE INCREASE OF CELLULAR ANTIOXIDANT ENZYMES ACTIVITY BY METABOLIC DRUG ELTACIN IN THERAPY OF ELDERLY PATIENTS WITH ISCHEMIC HEART DISEASE E. Kalinina, R. Zaslavskaya, Y. Nartsissov Peoples' Friendship University of Russia (RUDN University), Moscow, Russian Federation</p>	388
5	<p>EXPRESSION OF Flk-1 AND CYCLIN D2 mRNA IN MYOCARDIUM WITH DOXORUBICIN-INDUCED CARDIOMYOPATHY M.G.Klinnikova, E.V.Koldysheva, T.A.Korolenko, E.L.Lushnikova Institute of Molecular Pathology and Pathomorphology, Inst. Physiol. Fund. Med., Novosibirsk, Russia</p>	424
6	<p>miRNA-449 PROMOTE DIABETIC CARDIAC FIBROSIS BY THE SMAD3 PATHWAY H. Liu Qinghai University Medical College, Xining, China</p>	389
P502 IMMUNE AND INFLAMMATORY MECHANISMS IN ATHEROSCLEROSIS		
8	<p>RARE ONSET OF ACUTE RHEUMATIC CARDITIS POST TREATMENT OF STREPTOCOCCAL PHARYNGITIS T. Nag, S. Pal, M. Karim, J. Harburger Westchester Medical Center, Valhalla, NY, USA</p>	391

SUNDAY, JULY 29, 2018

08:00 – 13:00

Poster Hall

P503 CARDIAC PROTECTION AND REGENERATION, BASIC RESEARCH

Board No.		Abstract No.
9	THE EFFECT OF ENDOGENOUS CARBON MONOXIDE ON MYOCARDIAL ISCHEMIA REPERFUSION INJURY Y. Liu, Z. Zhou, Y. Zhang, C. Cao, Q. Ji, W. Zhang Medical College of Qinghai University, Xining, China	392
10	PULSED ELECTROMAGNETIC FIELD STIMULATION AS A POTENTIAL CARDIOPROTECTIVE INTERVENTION K. Purnamawati, J. Yap, S. Ng, P. Li, A. Rufaihah, A. Franco-Obregon National University of Singapore, Singapore, Singapore	393
11	EFFECTS OF DIFFERENT β -ADRENERGIC RECEPTORS ON CARDIAC FUNCTION IN HYPOXIC STRESS RATS W. Zhang, Y. Zhang, J. Liu, C. Cao, Q. Ji, Z. Yuan Research Center for High Altitude Medicine, Xining, China	394

P504 THROMBOSIS, BASIC RESEARCH

12	LEFT ATRIAL APPENDAGE THROMBOSIS IN A MOUSE MODEL OF CORONARY ARTERY DISEASE H.J. Begmatov, O. Rashidbaigi, F. Romanelli, A.M. Corbo, J. Millan, M. Plummer, O.V. Savinova NYIT College of Osteopathic Medicine, Old Westbury, NY, USA	395
13	YHD & EYHD SUPPRESSES PLATELET ACTIVATION AND THROMBUS FORMATION BY REDUCING THROMBOXANE B2 H. Wu, Sr. Henan University of Chinese Medicine, Zhengzhou, China	396
14	TETRAMETHYLPYRAZINE INHIBITS CALCIUM RESPONSE IN PLATELETS BY SUPPRESSING SGK1 Z. Wang Henan University of Chinese Medicine, Zhengzhou, China	397

P505 HYPERTENSION, LIPIDS, OBESITY, METABOLIC SYNDROME, TYPE 2 DIABETES AND CARDIOVASCULAR DISEASE

Board No.		Abstract No.
15	<p>CHRONOLOGICAL AGE-GENE INTERACTIONS IN DETERMINING THE EFFECTS OF THE CIRCADIAN MTNR1B GENE ON FASTING GLUCOSE R. Barragan, E.M. Asensio, O. Coltell, O. Portoles, J.V. Sorlí, D. Corella University of Valencia-CIBEROBN, Valencia, Spain</p>	398
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