INTERNATIONAL ACADEMY OF CARDIOLOGY
18th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2013
Vancouver, BC, Canada, July 26-29, 2013

PROGRAM
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18th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2013

Organized by:
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Affiliated with:
AMERICAN COLLEGE OF CARDIOLOGY, CALIFORNIA CHAPTER
THE AMERICAN SOCIETY FOR PREVENTIVE CARDIOLOGY

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Acknowledgements:
We would like to offer very special thanks to

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for their generous educational grants. This financial support has helped make this Congress possible.

CME Approved by AMA:
The scientific program of the 18th World Congress on Heart Disease has been reviewed by the American Medical Association and approved for 25.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. One credit may be claimed for each hour of participation in approved sessions.

Faculty Disclosure Policy:
It is the policy of the International Academy of Cardiology to ensure balance, independence, objectivity, and scientific rigor in all its educational programs. All presenters are expected to disclose to the Congress audience any real or apparent conflict of interest related to the content of their presentations.

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PROGRAM
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Dear Friend and Colleague,

On behalf of the Organizing Committee, it is my great pleasure to welcome you to Vancouver and to the International Academy of Cardiology - 18th World Congress on Heart Disease, Annual Scientific Sessions 2013.

The Congress has been designed to provide an innovative and comprehensive overview of the latest research developments in cardiovascular medicine, primarily in the areas of molecular biology, coronary artery disease, heart failure, cardiac arrhythmias and cardiac surgery.

Many distinguished cardiologists and scientists have joined the faculty and will take part in this Congress. Papers will be presented in the form of plenary sessions, symposia and posters and will include superb scientific material that was carefully selected by the Scientific Abstract Review Committee from 785 abstracts submitted for presentation at the meeting. These studies, originating from laboratories in 53 countries, assure that the meeting will be a major scientific event.

We would like to express our thanks to the pharmaceutical and manufacturing industry for their generous support, and to our dedicated staff, colleagues, friends and families for their untiring help, support and advice in planning and arranging this meeting.

We hope that you will enjoy the Congress and that your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding. We also hope and trust that you will enjoy your visit to the very beautiful and exciting city of Vancouver, in July 2013.

Yours sincerely,

Asher Kimchi, MD
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INTERNATIONAL ACADEMY OF CARDIOLOGY MEMORIAL AWARDS

The International Academy of Cardiology has established five awards to honor the memory of distinguished colleagues who made a major contribution to Medicine and Cardiology and who were members of the faculty for previous International Academy of Cardiology meetings. As in previous years, the recipients are selected by a very prestigious Awards Committee. The awards for 2013 will be presented at the Opening Ceremony of the Congress.

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The WALTER BLEIFELD MEMORIAL AWARD for distinguished work in the field of Clinical Research

1995    William Ganz, USA
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1997  William H. Gaasch, USA
2000  Ralph Shabetai, USA
2002  Jeffrey S. Borer, USA
2003  Sergio Dalla-Volta, Italy
2005  Michael E. Cain, USA
2007  Lewis C. Becker, USA
2008  Sherif F. Nagueh, USA
2010  Gerd Heusch, Germany
2011  Martin A. Alpert, USA
2012  Louis P. Perrault, Canada

The MELVIN L. MARCUS MEMORIAL AWARD for distinguished contribution as a Gifted Teacher

1995  Kanu Chatterjee, USA
1996  Shahbudin H. Rahimtoola, USA
1997  Robert A. O’Rourke, USA
2000  A. Jamil Tajik, USA
2002  Daniel S. Berman, USA
2003  David H. Spodick, USA
2005  Shlomo Stern, Israel
2007  George W. Vetrovec, USA
2008  Udho Thadani, USA
2010  Navin C. Nanda, USA
2011  Michael H. Criqui, USA
2012  Barry F. Uretsky, USA
INTERNATIONAL ACADEMY OF CARDIOLOGY DISTINGUISHED FELLOWSHIP AWARDS

The International Academy of Cardiology has established Distinguished Fellowship Awards, to honor colleagues who have made profound contributions to Cardiovascular Medicine and provided important service to the Academy. The Awards will be presented each year to Faculty Members of the World Congress on Heart Disease at the Opening Ceremony of the Congress.

DISTINGUISHED FELLOWSHIP AWARD RECIPIENTS

2005  Jeffrey S. Borer, USA
2005  Kanu Chatterjee, USA
2005  Hani N. Sabbah, USA
2007  James H. Chesebro, USA
2007  Uri Elkayam, USA
2007  Francis G. Spinale, USA
2008  Martin Alpert, USA
2008  Naranjan S. Dhalla, Canada
2008  John A. Elefteriades, USA
2010  Anne B. Curtis, USA
2011  Lewis C. Becker, USA
2011  Daniel S. Berman, USA
2011  Bodh I. Jugdutt, USA
2012  Wilbert S. Aronow, USA
2012  Navin C. Nanda, USA
2012  Robert Roberts, Canada
INTERNATIONAL ACADEMY OF CARDIOLOGY
OPENING LECTURES

Since 2005, the Opening Lecture has been presented as the J.H.C Swan Memorial Lecture.

1989  HEART FAILURE: ETIOLOGICAL MODELS AND THERAPEUTIC IMPLICATIONS
       Edmund H. Sonnenblick, USA

1993  THE MOLECULAR BIOLOGY OF CARDIAC HYPERTROPHY AND FAILURE:
       THE POTENTIAL FOR MOLECULAR INTERVENTION
       Robert Roberts, USA

1995  CARDIOMYOPATHY OF OVERLOAD: AN UNNATURAL GROWTH RESPONSE
       IN THE FAILING HEART
       Arnold M. Katz, USA

1996  PREVENTION OF HEART FAILURE - FEASIBLE AND DESIRABLE
       Kanu Chatterjee, USA

1997  MORPHOLOGICAL AND FUNCTIONAL TRANSFORMATION OF THE LEFT
       VENTRICLE IN HEART FAILURE
       Sidney Goldstein, USA

1998  PREVENTION OF CORONARY DISEASE EVENTS: MYTHS AND
       OPPORTUNITIES
       Harold J.C. Swan, USA

1999  NEW CONCEPTS CONCERNING THE CELL BIOLOGY OF VULNERABLE
       PLAQUES
       James S. Forrester, USA

2000  THE CELLULAR AND MOLECULAR BASIS OF HEART FAILURE IN VALVULAR
       REGURGITATION: RELATION TO CLINICAL OUTCOME
       Jeffrey S. Borer, USA

2001  MODERN PERSPECTIVES ON DISEASES OF THE THORACIC AORTA
       John A. Elefteriades, USA

2002  GENETIC MECHANISMS OF HEART FAILURE
       Jeffrey A. Towbin, USA

2003  HEART FAILURE AND THE NEED FOR DEVICE THERAPY
       William T. Abraham, USA

2005  INTEGRATION OF CARDIAC MRI, CARDIAC CT SCANNING, AND NUCLEAR
       CARDIOLOGY IN CLINICAL ASSESSMENT OF PATIENTS WITH KNOWN OR
       SUSPECTED CHRONIC CAD: WHICH TEST IN WHICH PATIENT?
       Daniel S. Berman, USA

2007  HOW BEST TO IDENTIFY PATIENTS AT RISK FOR SUDDEN CARDIAC DEATH
       Michael E. Cain, USA
2008    WOMEN AND HEART DISEASE IN THE POST-WHI ERA 
Elizabeth L. Barrett-Connor, USA

2010    VOODOO DEATH REVISITED: THE MODERN LESSONS OF 
NEUROCARDIOLOGY 
Martin A. Samuels, USA

2011    ANGIOGENESIS IN ATHEROSCLEROSIS: MECHANISM, ROLE AND 
THERAPEUTIC IMPLICATION 
Jawahar L. Mehta, USA

2012    PERIPARTUM CARDIOMYOPATHY: NEW CONCEPTS IN PATHOPHYSIOLOGY 
AND MANAGEMENT 
Uri Elkayam, USA
ACKNOWLEDGEMENTS

We would like to offer very special thanks to the following companies for their unrestricted educational grants.

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The International Academy of Cardiology expresses its sincere thanks to our dedicated staff who helped bring this meeting to reality.

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Karyn Nahari
Einat Peled
Mike Perchig
Vivy Tran
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Our grateful thanks also to Gerald F. Edelstein, partners, associates and staff of Edelstein, Laird & Sobel, P.C., Los Angeles, USA, for their continued support and invaluable contribution in arranging the legal aspects of the Congress.
GENERAL INFORMATION

VENUE AND HEADQUARTERS HOTEL
The Hyatt Regency Vancouver is the venue and headquarters hotel of the
International Academy of Cardiology
18th World Congress on Heart Disease
Annual Scientific Sessions 2013

Hotel Address:
1 Discovery Square, 655 Burrard Street
Vancouver, BC V6C 2R7, Canada
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LANGUAGE
The official language of the Congress is English.

REGISTRATION DESK
The Registration Desk will operate as follows:
Friday, July 26, 2013 16:00 - 20:00 hours
Saturday, July 27, 2013 08:00 - 18:00 hours
Sunday, July 28, 2013 08:00 - 18:00 hours
Monday, July 29, 2013 08:00 - 14:00 hours

PROJECTION EQUIPMENT
If using a Powerpoint (or any other computer) presentation, please note you need to pro-
vide the presentation on a CD, DVD or memory stick (using the USB port in the computer
) and load it onto one of the Congress’ computers in the Speaker Ready Room, at least 1
hour before the start of your session. You may bring your own computer as back up, but
please check it with the technician in the session hall where your lecture will take place
during the break prior to your session.

If combining video film with PowerPoint, please check your presentation in the session
hall where your lecture is taking place during a coffee or lunch break prior to your session,
at least 30 minutes before the start of the session – in addition to first checking it in the
Speaker Ready Room.

Please note that the Congress’ computers in the session halls are supplied with Office
2010.

Important note for Macintosh users:
If using a Macintosh laptop computer, please note that you must provide your own com-
puter and confirm that it has a VGA socket for external signal. On arrival at the Congress
please check your computer in the Speaker Ready Room and again in the session hall
where your lecture will take place, at least 1 hour before the start of your session.

Please note that VHS video projection, 35 mm’ slide projection and overhead projection
will not be available.
POSTER PRESENTATIONS
Please see the program for the exact date of your poster presentation. Presenters must put up their posters by 07:45 if presenting in the morning session on the relevant day of their presentation and remove them by 13:00. If presenting in the afternoon session, posters should be put up by 13:30 and dismantled by 18:30 on the same day.

PLEASE NOTE: The Congress Organizers are not responsible for posters that have not been removed / collected by the end of designated sessions. Please make yourself available next to your poster during coffee and lunch breaks to answer possible questions.

EXHIBITION
An exhibition will take place during the Congress and will be open as follows:
Friday, July 26, 2013  18:30 - 20:00 hours
Saturday, July 27, 2013  10:00 - 17:00 hours
Sunday, July 28, 2013  10:00 - 17:00 hours
Monday, July 29, 2013  10:00 - 13:00 hours

ATTENDANCE CERTIFICATES
A Certificate of Participation will be provided upon registration in your registration packet.

GET-TOGETHER RECEPTION
Registered participants are invited to the Get-Together Reception, which will take place in the Exhibition and Poster Hall of the Congress in the Hyatt Regency Vancouver on Friday, July 26, 2013.

FAREWELL DINNER (Optional)
The Farewell Dinner will take place on Sunday, July 28, 2013 at 20:00. Tickets to the dinner are sold-out and are no longer available for purchase.

INSURANCE
The Congress Secretariat and Organizers cannot accept liability for personal accidents or loss of, or damage to, private property of participants, students and accompanying persons, either during or indirectly arising from the 18th World Congress on Heart Disease. Participants should make their own arrangements with respect to health and travel insurance.

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International Academy of Cardiology
18th World Congress on Heart Disease
Annual Scientific Sessions 2013
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SOCIAL PROGRAM

FRIDAY, JULY 26, 2013

GET - TOGETHER RECEPTION 18:30 – 20:00
Get-Together Reception in the Exhibition and Poster Hall of the Congress in the Hyatt Regency Vancouver on Friday, July 26, 2013.

SUNDAY, JULY 28, 2013 20:00

FAREWELL DINNER (Optional)
The Farewell Dinner will take place on Sunday, July 28, 2013 at 20:00.
Tickets to the dinner are sold-out and are no longer available for purchase.
LIST OF EXHIBITORS

We would like to acknowledge the following companies for contributing their financial support and educational exhibits to this Congress:

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SATURDAY, JULY 27, 2013

09:00 – 10:15 Hall A

OC: OPENING CEREMONY

Chair: John A. Elefteriades, USA

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

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

Jeffrey S. Borer, USA
Member, Scientific Executive Committee
Chairman, Section of Valvular Heart Disease
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Naranjan S. Dhalla, Canada
Member, Scientific Executive Committee
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William Bommer, USA
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Stephen L. Kopecky, USA
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PRESENTATION OF 2013 AWARDS
John A. Elefteriades, USA
Jeffrey S. Borer, USA
SATURDAY, JULY 27, 2013

09:40 – 10:15 Hall A

OPENING LECTURE – SEVENTH H.J.C. SWAN MEMORIAL LECTURE

Chair: N.D. Wong, Irvine, CA, USA

Abstract No.

09:40 INTRODUCTION
N.D. Wong, Irvine, CA, USA

09:45 CVD IN WOMEN: A FRESH PERSPECTIVE (Invited Lecture)
E.A. Amsterdam, University of California, Davis Medical Center, Sacramento, CA, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

10:45 – 13:30 Hall A

PL01 Plenary Session
DISEASE MECHANISMS LEADING TO CARDIOMYOPATHY AND HEART FAILURE

Chairs: K. Chatterjee, Iowa, IA, USA
        N.S. Dhalla, Winnipeg, Canada

10:45 ADVANCES IN PATHOPHYSIOLOGY AND MANAGEMENT OF DIASTOLIC HEART FAILURE (Invited Lecture)
K. Chatterjee, University of Iowa, IA, USA

11:00 REVERSAL OF CARDIAC REMODELING IN HEART FAILURE BY ADRENOCEPTOR BLOCKADE (Invited Lecture)
N.S. Dhalla, St. Boniface General Hospital Research Centre, Winnipeg, MN, Canada

11:15 AGING AND HEART FAILURE. UPDATE (Invited Lecture)
B.I. Jugdutt, University of Alberta and Hospitals, Edmonton, AB, Canada

11:30 MITOCHONDRIAL FISSION AND FUSION IN HEART FAILURE (Invited Lecture)
A.A. Knowlton, L. Chen, University of California, Davis, CA, USA

11:45 PERSONALIZED MEDICINE IN DILATED CARDIOMYOPATHY (Invited Lecture)
L. Mestroni, University of Colorado Cardiovascular Institute, Aurora, CO, USA

12:00 GENETIC EPIDEMIOLOGY OF LEFT VENTRICULAR HYPERTROPHY (Invited Lecture)
J.N. Bella, Bronx-Lebanon Hospital Center, Bronx, NY, USA

12:15 BLUNTED RESPONSES OF RENAL SYMPATHETIC NERVE ACTIVITY TO C-TYPE NATRIURETIC PEPTIDE IN THE PVN OF RATS WITH HEART FAILURE (Invited Lecture)
K.P. Patel, B. Xu, H. Zheng, University of Nebraska Medical Center, Omaha, NE, USA
SATURDAY, JULY 27, 2013

PL01 Plenary Session
DISEASE MECHANISMS LEADING TO CARDIOMYOPATHY AND HEART FAILURE (continued)

Abstract No.

12:30 TRANSCRIPTIONAL MECHANISMS LEADING TO DILATED CARDIOMYOPATHY IN THE ABSENCE OF HYPERTROPHY
B.S. Tuana (Invited Lecture)
University of Ottawa Heart Institute, Ottawa, Ontario, Canada.

12:45 CPT1b DEFICIENCY IS BAD FOR THE HYPERTROPHIED HEART (Invited Lecture)
Q. Yang, University of Alabama at Birmingham, Birmingham, AL, USA

13:00 DELETION OF THE TRANSLATIONAL REPRESSORS EUKARYOTIC TRANSLATION INITIATION FACTOR 4E BINDING PROTEINS 1 AND 2 PROTECTS AGAINST PRESSURE OVERLOAD INDUCED HEART FAILURE (Invited Lecture)
Z. Lu, X. Hu, Y. Huang, X. Xu, P. Zhang, M. Peterson,
V.A. Polunovsky, N. Sonenberg, R.J. Bache, P.B. Bitterman, Y. Chen
University of Minnesota, MN, USA

13:15 RESIDUAL MYOCARDIAL INJURY AND ATTENUATED PRODUCTION OF VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) IN PATIENTS WITH RECOVERED PERIPARTUM CARDIOMYOPATHY (PPCM) (Invited Lecture)
S. Goland, L. Zilberman, I. Bar, S. Schwarzenberg, S. Shimoni, J. George
Kaplan Medical Center, Rehovot, Israel

13:30 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SATURDAY, JULY 27, 2013

10:45 – 13:00  Hall B

PL02  Plenary Session
CARDIOVASCULAR IMAGING MODALITIES FOR EVALUATION OF CORONARY CIRCULATION, CARDIAC STRUCTURE AND FUNCTION

Chairs:  D.S. Berman, Los Angeles, CA, USA  
N.C. Nanda, Birmingham, AL, USA  

10:45  NEWER ASPECTS OF EVALUATING LV FUNCTION BY ECHOCARDIOGRAPH  (Invited Lecture)  
N.C. Nanda, University of Alabama at Birmingham, AL, USA  

11:00  FLURPIRIDAZ F 18 PET VERSUS TC-99M SPECT FOR MYOCARDIAL PERFUSION IMAGING  (Invited Lecture)  
D.S. Berman, J. Maddahi  
Cedars-Sinai Medical Center; Los Angeles, CA, USA  

11:15  USEFULNESS OF OPTICAL COHERENCE TOMOGRAPHY IN DAILY CLINICAL PRACTICE  (Invited Lecture)  
T. Akasaka, T. Kubo, Y. Ino, T. Tanimoto, T. Yamagishi, T. Yamano, Wakayama Medical University, Wakayama, Japan  

11:30  MYOCARDIAL STRAIN FOR THE ASSESSMENT OF LV FUNCTION  (Invited Lecture)  
S.F. Nagueh, Methodist DeBakey Heart and Vascular Center, Houston, TX, USA  

11:45  MYOCARDIAL VIABILITY AND OUTCOMES IN ISCHEMIC CARDIOMYOPATHY  (Invited Lecture)  
J. Shirani, St. Luke’s Hospital and Health Network, Bethlehem, PA, USA  

12:00  NOVEL USES OF CARDIAC MRI FOR NON-ISCHEMIC HEART DISEASE  (Invited Lecture)  
R.W.W. Biederman, Temple University School of Medicine, Carnegie Mellon University, Pittsburgh, PA, USA  

12:15  NON-INVASIVE CARDIOVASCULAR IMAGING FOR EVALUATION OF CORONARY ARTERY BYPASS GRAFT DISEASE  (Invited Lecture)  
A. Elhendy, Marshfield Clinic, Marshfield, WI, USA  

12:30  PROGNOSTIC VALUE OF STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH CORONARY ARTERY DISEASE  (Invited Lecture)  
M. Prokudina, I. Konstantinov, P. Kozlov, P. Mochalov, E. Bobrova, E. Karev, Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia  

12:45  OPTICAL COHERENCE TOMOGRAPHY (OCT): WHAT YOU NEED TO KNOW  (Invited Lecture)  
J.A. Garcia, Denver Health Medical Center (DHMC) and University of Colorado Hospital at Denver, Denver, CO, USA  

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
S21 Session
VALVULAR HEART DISEASE / CONGENITAL HEART DISEASE / PEDIATRIC CARDIOLOGY

Chairs: D.H. Heistad, Iowa City, IA, USA
J. Ye, Vancouver, BC, Canada

10:45 VALVE PROSTHESIS-PATIENT MISMATCH (VP-PM): A LONG-TERM PERSPECTIVE
S.D. Daneshvar, S.H. Rahimtoola
University of Southern California, Los Angeles, CA, USA

11:00 COMPARISON OF DIFFERENT SURGICAL APPROACHES IN PATIENTS WITH TRANSPOSITION OF THE GREAT ARTERIES
Western University, London, ON, Canada

11:15 DETERMINATION OF RECURRENT TACHYCARDIA FOLLOWING SUCCESSFUL ABLATION IN SUBJECTIVELY SYMPTOMATIC CHILDREN
P.P. Karpawich, D.P. Bhat, W. Du
The Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA

11:30 RELATION OF ECHOCARDIOGRAPHIC AORTIC VALVE SCLEROSIS TO VALVULAR CALCIFICATION ON MULTISLICE COMPUTED TOMOGRAPHY
L.H. Chebrolu, Y.R. Acharya, J. Shirani
St. Luke's University Health Network, Bethlehem, PA, USA

11:45 ACQUIRED VON-WILLEBRAND DISEASE SECONDARY TO MITRAL AND AORTIC REGURGITATION
S.H. Wan, J.J. Liang, R. Vaidya, J.L. Blackshear, D. Chen
Mayo Clinic, Rochester, MN, USA

12:00 LEFT-RIGHT-LEFT, LEAD PLACEMENT ERRORS IN PEDIATRIC ELECTROCARDIOGRAPHY
J. Kleinman, E. Stockwell, J. Burrell, S. Darwin, C. Snyder, Case Western Reserve University School of Medicine, Cleveland, OH, USA

12:15 A SILENT PRESENTATION OF A SERIOUS ILLNESS: INFECTIVE ENDOCARDITIS
A. Hamadah, S. Sadaranagani, E. Berbari, Mayo Clinic, Rochester, MN, USA

12:30 ANY DEGREE OF MITRAL REGURGITATION FOUND DURING INVASIVE VENTRICULOGRAPHY IS ASSOCIATED WITH ALL CAUSE MORTALITY
M.R. Movahed, K. Lata, University of Arizona, Tucson, AZ, USA
SATURDAY, JULY 27, 2013

S21  Session  
VALVULAR HEART DISEASE / CONGENITAL HEART DISEASE / PEDIATRIC CARDIOLOGY (continued)

Abstract No.

12:45  PREDICTORS OF CARDIAC RELATED MORTALITY AFTER AVR FOR DEGENERATIVE AS IN NORMAL EJECTION FRACTION  
Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

13:00  LUNCH BREAK, VISIT POSTERS AND EXHIBITION

S22  Session  
ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS

Chairs:  E.A. Amsterdam, Sacramento, CA, USA  
V. Regitz-Zagrosek, Berlin, Germany

10:45  GENDER DIFFERENCES IN ARTERIOTOMY CLOSURE AND TREATMENT FOR PERCUTANEOUS CORONARY INTERVENTIONS: RESULTS FROM A NATIONAL, MULTI-SITE CLINICAL REGISTRY OF 59,000 PATIENTS  
D.R. Dobies, K.R Barber, A.L. Cohoon  
Genesys Regional Medical Center, Grand Blanc, MI, USA

11:00  ADVANCED LIPID TESTING PREDICTS SUBCLINICAL ATHEROSCLEROSIS IN LOW RISK POPULATION BEYOND TRADITIONAL RISK FACTORS  
P. Krishnamoorthy, D. Rader, M.P. Reilly, N.N. Mehta  
Englewood Hospital and Medical Center, Englewood, NJ, USA

11:15  IMPACT OF CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY ON NON-HDL AND TOTAL CHOLESTEROL IN OSA PATIENTS  
University of Texas Medical Branch, Galveston, TX, USA

11:30  PHYSICIAN-PROVIDED LIFESTYLE MODIFICATION COUNSELING FOR HYPERLIPIDEMIA – DOES IT HELP?  
R.S. Loomba, S. Aggarwal, N. Gupta, S. Khosla, R.R. Arora  
Children's Hospital of Wisconsin, Wauwatosa, WI, USA
S22  
Session  
ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK / MODIFICATION OF LIPOPROTEINS (continued)

Abstract No.  

11:45  
UTILITY OF AMBULATORY BP MONITORING IN A CARDIAC PREVENTION AND REHABILITATION PROGRAMME  
M. Mahmood, S.B Connolly  
Bangabandhu Sheikh Mujib Medical University, Bangladesh  

12:00  
ARTIFICIAL INTELLIGENCE MODEL OF CARDIOVASCULAR RISK IN RENAL DISEASE OUTLINES CAROTID MARKERS  
O. Sandu, I. Nastac, J. Uribarri  
Albert Einstein College of Medicine, NY; USA  

12:15  
PLANT STEROLS AND CARDIOVASCULAR DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS  
Medical Faculty Mannheim, University of Heidelberg, Heidelberg, Germany  

12:30  
COMPARISON OF CLINICAL CHARACTERISTICS, OUTCOME AND MORTALITY IN SYMPTOMATIC PATIENTS WITH AND WITHOUT LEFT BUNDLE BRANCH BLOCK  
Hamad Medical Corporation, Doha, Qatar  

12:45  
BRAIN NATRIURETIC PEPTIDE AS A PREDICTOR OF ADVERSE CARDIAC EVENTS AFTER SUCCESSFUL PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS WITH ACUTE CORONARY SYNDROME  
Y.Y. Abdelmonem, S. Awni, A. Kaddah, Y. Yazeed, Kasr Alaini Medical School, Cairo, Egypt  

13:00  
USING CHADS2 SCORE TO IDENTIFY ELDERY PATIENTS WITH ATRIAL FIBRILLATION  
M.H. Kwok, S. Punekar  
University of Manchester, Manchester, UK  

13:15  
TRENDS IN CARDIOVASCULAR DISEASE IN ETHIOPIA: A 30-YEAR RETROSPECTIVE ANALYSIS OF MEDICAL-ICU ADMISSIONS  
C. Smitson, A. Giday, S. Zaeh, E. Weldeyes, J. O’Mara  
Yale University, New Haven, CT, USA  

13:30  
FENOFRIBRATE THERAPY IN PATIENTS WITH HYPERTRIGLYCERIDEMIA HAS SUBSTANTIAL BENEFITS OVER OMEGA-3 FATTY ACIDS  
K.K. Koh  
Gachon University Gil Medical Center, Incheon, Korea  

13:45  
LUNCH BREAK, VISIT POSTERS AND EXHIBITION
**P101**  
**GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH**

1. SYSTEMIC INVOLVEMENT OF CONNECTIVE TISSUE AS PREDICTOR OF CARDIOMYOPATHY IN MITRAL VALVE PROLAPSE AND MARFANOID HABITUS  
E.V. Zemtsovsky, A.I. Korshunova, E.G. Malev, E.B. Luneva,  
**M. Prokudina**, State Pediatric Medical University, St. Petersburg, Russia

**P102**  
**BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN CARDIOVASCULAR DISEASE**

2. SCREENING AND IDENTIFICATION OF NOVEL BIOMARKERS FOR EARLY DIAGNOSIS OF ACUTE CORONARY  
Center for Experimental Medicine, 306 Hospital of PLA, Beijing, China

3. MATRIX METALLOPROTEASES, CHITOTRIOSIDASE AND CYSTATIN C IN LONG-TERM STUDY OF PATIENTS AFTER CARDIOSURGERY  
**T.A. Korolenko**, M.S. Cherkanova, T.P. Gerasimova, T.P Korolenko Institute of Physiology SB RAMS, Novosibirsk, Russia

4. CORRELATION BETWEEN ADIPONECTIN PLASMA LEVELS AND CORONARY ARTERY DISEASE  
A. Xanthopoulos, M. Skoura, T. Kouna, **E. Paraskevopoulou**, P. Paraskevopoulou, S. Patsilinakos  
Konstantopouleio General Hospital, N.Ionia, Athens, Greece

5. RELATION OF SERUM CALCIUM LEVEL WITH METABOLIC RISK FACTORS AND CORONARY ARTERY DISEASE IN AFRICAN AMERICAN  
**H.R. Patel**, A. Balachandran, C. Nedelcu, J. Warman  
The Brooklyn Hospital Center, affiliate NY Presbyterian Hospital, Cornell University, New York, NY, USA

**P103**  
**THE PLAQUE AND ACUTE CORONARY SYNDROMES**

6. ANGIOGRAPHIC AND ECHOCARDIOGRAPHIC ASSOCIATIONS IN OLDER ADULTS WITH FRAILTY AND CORONARY ARTERY DISEASE  
**S.M. Gharacholou**, V.L. Roger, R.J. Lennon, C.S. Rihal, S.V. Pislaru, M. Singh, Mayo Clinic Health System, La Crosse, WI, USA

7. CLINICAL SIGNIFICANCE OF CORONARY ARTERY DISEASE IN STRESS INDUCED CARDIOMYOPATHY  
Medical College of Wisconsin, Milwaukee, WI, USA
### SATURDAY, JULY 27, 2013

**08:00 – 13:00**

**Poster Hall**

**P103**  
**THE PLAQUE AND ACUTE CORONARY SYNDROMES (continued)**

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<td>TYPES OF MENTAL STRESS IN STRESS INDUCED CARDIOMYOPATHY</td>
<td>A. Chau, P. Krumenacher, D. Matel-Anderson, R. Siegel, Y. Muirhead, S. Park, H. Kim, S. Park, D. Kim, B. Choi</td>
<td>Medical College of Wisconsin, Milwaukee, WI, USA</td>
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<td>9</td>
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<td>MYOCARDIAL STUNNING IN HEMODIALYSIS PATIENTS: “A SILENT OVERLOOKED INSULT”</td>
<td>P. Loarte, S.Y. Chou, R. Cohen, B. Mirrer</td>
<td>Brookdale University Hospital and Medical Center - Nephrology Division</td>
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**P104**  
**ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY**

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<td>Y.Y. Abdelmonem, N.S. Eldin, A. Abdelwahab, W. Alaroussy</td>
<td>Kasr Alaini Medical School, Cairo, Egypt</td>
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<td>REVIEW OF TROPONINS ORDERS, EVIDENCE OF TYPE I MYOCARDIAL INFARCTION AND CARDIOLOGY CONSULTS IN A US COMMUNITY HOSPITAL</td>
<td>B.H. Subedi, S. Zakaria, J. Rickard</td>
<td>Greater Baltimore Medical Center, Baltimore, MD, USA</td>
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<td>W.Y. Lee, J.Y. Baek</td>
<td>Cheong-Ju Saint Mary’s Hospital, Cheong-Ju, South Korea</td>
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<td>DIAGNOSTIC YIELD OF RIGHT AND POSTERIOR ELECTROCARDIOGRAPHIC LEADS IN EGYPTIANS WITH ACUTE CORONARY SYNDROME</td>
<td>H.S. Taha, A.A. Elfaramawi, A.M. Nasr</td>
<td>Faculty of Medicine, Cairo University, Cairo, Egypt</td>
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<td>M. Mousavi, S. Kalhor, J. Tahmasbi</td>
<td>Alborz University of Medical Sciences, Karaj, Iran</td>
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<td>CHARACTERISTICS OF ACUTE MYOCARDIAL INFARCTION WITH MILD CAROTID ARTERIOSCLEROSIS</td>
<td>T. Sakurai, K. Sasaki, T. Tabata, T. Kon, J. Suzuki, T. Matsubara, E. Matsubara, T. Tomaru, Y. Minami</td>
<td>Toho University Medical Center Sakura Hospital, Sakura, Japan</td>
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**SATURDAY, JULY 27, 2013**

**08:00 – 13:00**

**Poster Hall**

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**P105 DIABETES MELLITUS, OBESITY, THE METABOLIC SYNDROME AND Atherosclerosis: Basic and Clinical**

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**EARLY DIASTOLIC AND SYSTOLIC ABNORMALITIES IN PATIENTS WITH DIABETES MELLITUS AND NORMAL EJECTION FRACTION: A 2D STRAIN ECHOCARDIOGRAPHY STUDY**

**V. Di Bello**, L. Conte, I. Fabiani, C. Cucco, R. Liga, V. Barletta, C. Bianchi, R. Miccoli, G. Delle Donne, M. Mariani

University of Pisa, Pisa, PI, Italy

**17**

**THE EFFECT OF SITAGLIPTIN THERAPY COMPARED WITH PIOGLITAZONE IN HEART FAILURE PATIENTS WITH TYPE 2 DIABETES**

**T. Naka**, T Arii, K Takahashi, M Masutani, T Masuyama, M Ohyanagi

Hyogo College of Medicine, Nishinomiya, Japan

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**THE OBESITY PARADOX IN PATIENTS WITH ACUTE CORONARY SYNDROME: RESULTS FROM THE GULF RACE-2 STUDY**

**A. Shehab**, B. Al-Dabbagh, N. Nagelkerke, A. Abdulle

Department of Internal Medicine, College of Medicine, UAE University

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**ULTRASOUND STUDY OF ARTERIES OF LOWER LIMBS IN PATIENTS WITH TYPE 2 DIABETES**

**G.A. Rozikhodjaeva**, N.D. Ahmedova, Z.T. Ikramova, **Z.A. Usmanova**

Central Clinical Hospital 1, Tashkent, Uzbekistan

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**A COMPARISON OF THE PREVALENCE OF THE MS AND ITS COMPLICATIONS USING THREE PROPOSED DEFINITIONS IN KOREAN SUBJECTS**

**K.C. Sung**, B.S. Kim

Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
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<td>Advocate Illinois Masonic Medical Center, Chicago, IL, USA</td>
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<td>A. Bhatia, F. Mehmood, A. Agarwal, I. Choudhuri, J. Sra</td>
<td>Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, Wisconsin, USA</td>
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<td>University of Florida, Gainesville, FL, USA</td>
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<td>J.E. Banchs, G.A. Baquero, T. Moukabary, S.J. Ferns, E.D. Penny-Peterson, S.M. Samii</td>
<td>Penn State Hershey Heart &amp; Vascular Institute, Hershey, PA, USA</td>
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<td>M. Moghaddam, N. Moghaddam, B. Moghaddam, A. Bagher Zadeh</td>
<td>Jam Hospital, Tehran, Iran</td>
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<td>OBESITY PREDICTS LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN HEALTHY MIDDLE AGE ADULTS WITH NO CARDIOVASCULAR RISK FACTORS</td>
<td>A. Pandit, F. Mookadam, A. Aryal, S. Boddu, A. Tandar, H. Chaliki, S. Cha, H. Lee, Mayo Clinic, Arizona, USA</td>
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<td>THE RELATIONSHIP OF PLATELET COUNTS AND PLATELET INDICES TO CLINICAL OUTCOMES IN PATIENTS WITH CHRONIC HEART FAILURE</td>
<td>J. Gorthi, A. Akinapalli, M. Bengaluru, V. Kandasamy, A. Kaja, S. Vallabhajosyula, V. Alla, A. Mooss, C. Hunter Creighton University Medical Center, Omaha, NE, USA</td>
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<td>S. Siabani, S.R. Leeder, P.M. Davidson, B. Hamzeh, D. Hercz Sydney Medical School, the University of Sydney, NSW, Australia and Kermanshah University Medical Sciences (KUMS), Kermanshah, Iran</td>
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<td>S Siabani, S.R. Leeder, P.M. Davidson Menzies Center for Health Policy Medical School, The University of Sydney, NSW, Australia</td>
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<td>CHARACTERISTICS OF RESOURCES UTILIZATION AMONG MALE AND FEMALE HEART FAILURE PATIENTS AT KAH, EASTERN PROVINCE, SAUDI ARABIA</td>
<td>S. Hassanein, A. Jelani, E. Gaber, M. Al Qaseer, S. Hattingh, B. Jugdutt King Saud bin Abdulaziz University for Health Sciences, Al Ahsa, Saudi Arabia</td>
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SATURDAY, JULY 27, 2013

14:00 – 16:00 Hall A

**PL03 Plenary Session**

**PREVENTION OF CARDIOVASCULAR DISEASE: ASSESSMENT AND MANAGEMENT OF CARDIOVASCULAR RISK**

Joint Session with the American Society for Preventive Cardiology

Chairs:  
**S.L. Kopecky**, Rochester, MN, USA  
**N.D. Wong**, Irvine, CA, USA

Abstract No.

14:00 **SEX DIFFERENCES IN CARDIOVASCULAR DISEASE** (Invited Lecture)  
079  
**V. Regitz-Zagrosek**, Center for Cardiovascular Research (CCR)  
Coordinator Berlin, German

14:15 **THE ASSOCIATION BETWEEN DEPRESSION AND DIABETES**  
080  
(Invited Lecture)  
**E. Barrett-Connor**, UCSD Dept. of Family and Preventive Medicine, La Jolla, CA, USA

14:30 **ALDOSTERONE - A BRIDGE BETWEEN CARDIOVASCULAR AND MOOD DISORDERS?** (Invited Lecture)  
081  
**D. Jezova**, N. Hlavacova, Slovak Academy of Sciences, Bratislava, Slovak Republic

14:45 **HDL AND THE ATHEROSCLEROSIS - MYTH OR REALITY**  
082  
(Invited Lecture)  
**R.S. Rosenson**, Mount Sinai Heart Mount Sinai School of Medicine, New York, NY, USA

15:00 **OMEGA-3 SUPPLEMENTATION IMPROVES ARTERIAL STIFFNESS AND BIOMARKERS OF CV RISK IN LATINO AND WHITE PATIENTS WITH HYPERTENSION SERVED BY A SAFETY-NET HEALTHCARE SYSTEM** (Invited Lecture)  
083  
**C.S. Long**, M.J. Krantz, University of Colorado Health Sciences Center and Denver Health Medical Center, Denver, CO, USA

15:15 **USE OF NMR LDL LIPOPROTEIN PARTICLE ANALYSIS IN CARDIOVASCULAR DISEASE PREVENTION** (Invited Lecture)  
084  
**S.L. Kopecky**, Mayo Clinic, Rochester, MN, USA

15:30 **IMPACT OF RENAL SYMPATHETIC DENERVATION IN PATIENTS WITH DRUG RESISTANT HYPERTENSION** (Invited Lecture)  
085  
**K. Seidl**, Klinikum Ingolstadt GmbH, Ingolstadt, Germany

15:45 **BEYOND HDL CHOLESTEROL: WHAT CAN WE LEARN FROM HDL PARTICLE NUMBER AND SIZE?**  
087  
**S. Mora**, Brigham and Women’s Hospital, Boston, MA, USA

16:00 **COFFEE BREAK, VISIT POSTERS AND EXHIBITION**
SATURDAY, JULY 27, 2013

14:00 – 16:15  Hall B

PL04  Plenary Session
SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

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

14:00  IMPACT OF DENERVATED MYOCARDIUM ON IMPROVING RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH  (Invited Lecture)
M.E. Cain, University at Buffalo, Buffalo, NY, USA

14:15  THE ROLE OF ELECTROPHYSIOLOGIC TESTING ON OUTCOME IN PATIENTS WITH ARVC  (Invited Lecture)
F. Duru, University Hospital of Zurich, Switzerland

14:30  ROBOTICS IN THE EP LABORATORY: PROMISE, REALITY AND FUTURE DIRECTIONS  (Invited Lecture)
E. Gang, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

14:45  BIVENTRICULAR PACING FOR ATRIOVENTRICULAR BLOCK AND SYSTOLIC DYSFUNCTION  (Invited Lecture)

15:00  IN THE OR V. THE EP LAB--WHERE IS THE BEST LOCATION FOR LEAD EXTRACTION  (Invited Lecture)
C.A. Henrikson, Oregon Health & Science University, Portland, OR, USA

15:15  CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA: THE CLINICIAN’S PERSPECTIVE  (Invited Lecture)
M.J. LaPage, University of Michigan, Ann Arbor, MI, USA

15:30  GENETIC BACKGROUND, CLINICAL CHARACTERISTICS, AND TREATMENT OF EARLY REPOLARIZATION SYNDROME  (Invited Lecture)
H. Watanabe, Niigata University Graduate School of Medical & Dental, Asahimachidori, Japan

15:45  THE EVOLUTION OF THE PACING SITE: PAST, PRESENT AND FUTURE  (Invited Lecture)
Y. Oginosawa, University of Occupational and Environmental Health, Yahatanishi, Kitakyushu, Japan

16:00  A BLOOD TEST TO PREDICT ARRHYTHMIC RISK
University of Illinois at Chicago, and the Jesse Brown VAMC, Chicago, Illinois, USA

16:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S23 Session
NEW DIRECTIONS IN CARDIAC SURGERY: SURGICAL REvascularization / MECHANICAL CIRCULATORY SUPPORT / CARDIAC TRANSPLANTATION

Chair: M.R. Johnson, Madison, WI, USA

14:00 HOSPITAL READMISSIONS IN OUTPATIENTS SUPPORTED WITH CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICES
D. Zhang, J. Shuster, H. Craddock, N. Huelsmann, S. Silvestry, S. Joseph, Barnes Jewish Hospital/Washington University School of Medicine, Saint Louis, MO, USA

14:15 MULTIPLE ARTERIAL GRAFTS IMPROVE LATE SURVIVAL OF PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING

14:30 PREDICTORS OF ACUTE CELLULAR REJECTION AND ITS ASSOCIATION WITH CARDIAC ALLOGRAFT VASCULOPATHY IN HEART TRANSPLANT PATIENTS
W.I Khalife, R.P. Vivo, S. Garikipati, P. Nalabothu, S. Johnson, K. Kislingbury, R. Sharif, A. Charif University of Texas Medical Branch, Galveston, TX, USA

14:45 REDUCTION IN LV SIZE AFTER LVAD IMPLANTATION IS ASSOCIATED WITH REDUCTION IN QRS VOLTAGE AND DURATION
M.G. Sendra Ferrer, J.E. Banchs, T. Moukabary, S. Ferns, E.D. Penny-Peterson, S.M. Samii, D.L. Wolbrette, G.V. Naccarelli, M.D. Gonzalez, Pennsylvania State University, Hershey, PA, USA

15:00 CUSTODIOL-N VERSUS CUSTODIOL: A PROSPECTIVE RANDOMIZED DOUBLE BLIND MULTICENTER PHASE III TRIAL
G. Szabo, A. Weymann, B. Schmack, D. Badowski, G. Veres, M. Karck University of Heidelberg, Heidelberg, Germany

15:15 LOW INCOME IS AN INDEPENDENT PREDICTOR OF IN-HOSPITAL MORTALITY AMONG HEART TRANSPLANT RECIPIENTS: A NATIONWIDE INPATIENT SAMPLE STUDY
A. Rab, M. Mujib, S. Khera, D. Kolte, C. Palaniswamy, W.S. Aronow Stony Brook University, Stony Brook, NY, USA

15:30 IMPACT OF POSTTRANSPLANT WEIGHT GAIN ON CARDIAC ALLOGRAFT VASCULOPATHY

15:45 SUCCESSFUL USE OF IMPELLA 2.5 DEVICE IN CARDIAC ARREST DUE TO LEFT MAIN STENOSIS
M.A Zulqarnain, N. Nagajothi, Canton Medical Education Foundation, Canton, OH, USA

16:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S24  Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH

Chair:  J.G. Filep, Montreal, QC, Canada
        K.N. Pandey, New Orleans, LA, US

14:00  THE ROLE OF GALECTIN-3 AND CONNECTIVE TISSUE GROWTH FACTORS IN HYPERTENSIVE PATIENTS WITH DIASTOLIC HEART FAILURE: LINK OF CLINICAL AND BASIC STUDIES
J-J Chen, W-R Hao, C-K Wu, K-C Chang, J-C Liu, C-T Tsai
China Medical University, Taichung, Taiwan

14:15  CARDIOMYOCYTE-CARDIAC FIBROBLAST INTERACTION IN THE PATHOGENESIS OF DIABETIC CARDIOMYOPATHY - ROLE OF HMGB1/TLR4/IL-33 AXIS
X.M. Xu, J.C. Zhang, H. Xu, R. Kao, C.M. Martin, T. Rui
Lawson Health Research Institute, London, ON, Canada

14:30  DOXORUBICIN-INDUCED CARDIOTOXICITY IN MICE IS PREVENTED BY LATE INA INHIBITION WITH RANOLAZINE, WITH IMPROVEMENT IN HEART FUNCTION, FIBROSIS AND APOPTOSIS
C. Coppola, G. Piscopo, C. Cipresso, D. Rea, C. Maurea, E. Esposito, C.G. Tocchetti, C. De Lorenzo, C. Arra, N. Maurea
National Cancer Institute Pascale Foundation, Naples, Italy

14:45  ATORVASTATIN INDUCES AUTOPHAGY OF MESENCHYMAL STEM CELLS UNDER HYPOXIA AND SERUM DEPRIVATION VIA MEK/ERK PATHWAY
Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

15:00  EXCITABILITY OF DIRECT REPROGRAMMED MURINE TAIL FIBROBLASTS: BETWEEN WILD-TYPE FIBROBLASTS AND CARDIomyOCYTES
Massachusetts General Hospital, Charlestown, MA, USA

15:15  IMPORTANCE OF SLMAP IN CARDIOMYOCYTE VIABILITY AND MEMBRANE FUNCTION
A. Mahmood, M. Salih, B.S, Tuana
University of Ottawa, Ottawa, ON, Canada

15:30  GLIVEC (IMATINIB MESYLATE) INDUCES AUTOPHAGIC SIGNALLING IN CARDIAC MYOCYTES
L.P. Grazette, R. Kerkela, T. Force, A. Rosenzweig
Keck Medical Center of USC, Los Angeles, CA, USA

15:45  CARDIOMYOCYTE-SECRETED ACETYLCOLINE IS REQUIRED FOR MAINTENANCE OF HOMEOSTASIS IN THE HEART
Robarts Research Institute, London, Ontario, and The University of Western Ontario, London, Canada
SATURDAY, JULY 27, 2013

S24 Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH (continued)

Abstract No. 116

16:00 UTILITY OF 2D-SPECKLE TRACKING ECHOCARDIOGRAPHY IN DIAGNOSIS OF LEFT VENTRICULAR DYSFUNCTION IN ANTI-ERBB2 THERAPY
C. Coppola, G. Piscopo, C. Cipresso, D. Rea, C. Maurea, C. Quintavalle, C.G. Tocchetti, G. Condorelli, C. Arra, N. Maurea
National Cancer Institute Pascale Foundation, Naples, Italy

16:15 HMG-COA REDUCTASE INHIBITORS IMPAIR SURVIVAL OF HUMAN MESENCHYMAL STEM CELLS VIA NF-B SIGNALING
A.L. Muller, Y. Li, M.A. Ngo, K. Sran, R.C. Arora, L.A. Kirshenbaum, D.H. Freed
St. Boniface Research Centre; University of Manitoba, Winnipeg, Canada

16:30 TETRAHYDROBIOPTERIN DEFICIENCY INDUCED HEART FAILURE VIA DYSREGULATION OF MITOCHONDRIAL BIOGENESIS, OXIDATIVE PHOSPHORYLATION AND ANTIOXIDANT SYSTEM
H.K. Kim, I-S. Song. N. Kim, K.S. Ko, B.D. Rhee, J. Han
Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea
SATURDAY, JULY 27, 2013

16:45 – 19:15 Hall A

PL05 Plenary Session

INFLAMMATION / INNATE AND ADOPTIVE IMMUNITY AND CARDIOVASCULAR DISEASES

Joint Session with the American College of Cardiology / California Chapter

Chair: R. Roberts, Ottawa, ON, Canada

16:45

INFLAMMATION - THE NEW TARGET FOR PREVENTION OF CORONARY ARTERY DISEASE (Invited Lecture)

R. Roberts, University of Ottawa Heart Institute, Ottawa, ON, Canada

17:00

SEPSIS AND THE CARDIOVASCULAR SYSTEM: GOING TO THE HEART OF THE MATTER (Invited Lecture)

M.A. Rossi, L.M Malvestio, M.R. Celes, V. Blefari, C.M. Prado, M.J. Figueiredo, University of Sao Paulo, Brazil

17:15

NEUTROPHILS IN ACUTE CORONARY ARTERY DISEASE (Invited Lecture)

J.G. Filep, Maisonneuve-Rosemont Hospital, Montreal, Quebec, Canada

17:30

INTERACTION OF GENE AND SALT DIETS ON CARDIAC ANGIOTENSIN II, ALDOSTERONE, AND CYTOKINES IN HYPERTROPHIED HEART (Invited Lecture)

K.N. Pandey, Tulane University School of Medicine, New Orleans, LA, USA

17:45

MICROBIOTA, SYSTEMIC INFLAMMATION AND CARDIOVASCULAR FUNCTION (Invited Lecture)


David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

18:00

ROLE OF COPPER TRANSPORTERS IN VASCULAR REMODELING AND INFLAMMATION (Invited Lecture)

T. Fukai, University of Illinois at Chicago, Chicago, IL, USA

18:15

THE COMPLEX CARDIOVASCULAR EFFECTS OF LEPTIN (Invited Lecture)

M.A. Allison, University of California, San Diego, La Jolla, CA, USA

18:30

HUMAN ENTEROVIRUS PERSISTENCE: POTENTIAL FOR EXACERBATION OF MYOCARDITIS (Invited Lecture)

N.M. Chapman, S. Tracy

University of Nebraska Medical Center, Omaha, NE, USA

18:45

CYTOKINES AND THE ROLE OF IMMUNOMODULATION IN HEART FAILURE OF DIFFERENT ETIOLOGIES (Invited Lecture)

D. Anzulovi-Mirošević, L. Barzon, I. Castagliuolo, P. Brun, G. Palù, M. Zaninotto, M. Maria Mion, M. Plebani, S. Dalla-Volta

University of Padua Medical School, Padua; Italy

19:00

VIRAL ANTI-ATHEROGENIC PROTEINS ALTER MONOCYTE AND NEUTROPHIL INVASION IN MICE WITH ALTERED BAG3 GENE EXPRESSION

J. Davids, S. Saikaly, A.R. Lucas

Cardiovascular Medicine, University of Florida, Gainesville, FL, USA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
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</thead>
<tbody>
<tr>
<td>16:45</td>
<td>NEW STRATEGIES FOR ACUTE STROKE INTERVENTION (Invited Lecture)</td>
<td>H. Sievert, L. Vaskelyte, I. Hofmann, J. Franke, S. Gafoor, S. Lam, S. Bertog, CardioVascular Center Frankfurt, Germany</td>
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<tr>
<td>17:00</td>
<td>CHANGES IN HEART ALLOCATION FOR TRANSPLANTATION IN THE US AND WORLDWIDE: OPTIONS FOR A BETTER SOLUTION (Invited Lecture)</td>
<td>D.M. Meyer, University of Texas Southwestern, Med Center at Dallas, Dallas, TX, USA</td>
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<tr>
<td>17:15</td>
<td>SIMULTANEOUS HEART-KIDNEY TRANSPLANTATION (Invited Lecture)</td>
<td>M.R. Johnson, University of Wisconsin-Madison, Madison, WI, USA</td>
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<td>17:30</td>
<td>UPDATE ON THE TREATMENT OF LEFT MAIN DISEASE (Invited Lecture)</td>
<td>B.F. Uretsky, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<td>17:45</td>
<td>CALIFORNIA REVASCULARIZATION: PCI OUTCOMES IN THE SUNSHINE STATE  (Invited Lecture)</td>
<td>S. Ram, T.G. Patel, L. Vazquez, Z. Li, PCI-CAMPOS Investigators, W.J. Bommer, University of California Davis, Medical Center, Davis, CA, USA</td>
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<tr>
<td>18:00</td>
<td>UPDATE ON THE USE OF IMPELLA ASSIST DEVICE FOR HIGH RISK PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTIONS (Invited Lecture)</td>
<td>M.R. Movahed, University of Arizona Sarver Heart Center, Tucson, AZ, USA</td>
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<tr>
<td>18:15</td>
<td>DEVICE CLOSURE OF ASD- LONG-TERM FOLLOW UP WITH SPECIAL REFERENCE TO COMPLICATIONS (Invited Lecture)</td>
<td>M. Sadiq, The Children's Hospital, Punjab Institute of Cardiology, Lahore, Pakistan</td>
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<tr>
<td>18:30</td>
<td>WHERE IS THE FINE BALANCE BETWEEN IMMUNOSUPPRESSION AND MALIGNANCY IN CARDIAC TRANSPLANTATION? (Invited Lecture)</td>
<td>N. Nair, Texas A&amp;M HSC College of Medicine, Temple, TX, USA</td>
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<tr>
<td>18:45</td>
<td>MANAGEMENT STRATEGIES OF COMBINED SEVERE SYMPTOMATIC CAROTID AND CORONARY ARTERY DISEASE (Invited Lecture)</td>
<td>M. Abu-Fadel, University of Oklahoma HSC, Oklahoma City, OK, USA</td>
</tr>
<tr>
<td>19:00</td>
<td>THE NO-TOUCH SAPHENOUS VEIN AS THE PREFERRED SECOND CONDUIT FOR CORONARY ARTERY BYPASS SURGERY</td>
<td>M. Dreifaldt, J.D. Mannion, L. Bodin, H. Olsson, J. Zagozdzon, D. Souza University Hospital, Orebro, Sweden</td>
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</tbody>
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SATURDAY, JULY 27, 2013

16:45 – 18:45 Hall C

S25 Session
SYSTEMIC AND PULMONARY HYPERTENSION, BASIC AND CLINICAL

Chairs: Y. Charuzi, Los Angeles, CA, USA
K. Seidl, Ingolstadt, Germany

16:45 INGESTION-TIME-DEPENDENT EFFECTS OF HYPERTENSION TREATMENT ON AMBULATORY BLOOD PRESSURE IN PATIENTS WITH CHRONIC KIDNEY DISEASE: THE HYGIA PROJECT
University of Vigo, Vigo, Spain

17:00 RENAL SYMPATHETHIC DENERVATION FOR RESISTANT HYPERTENSION IN THE REAL WORLD CLINICAL PRACTICE: PRELIMINARY RESULTS OF THE SYMPLECTITY VENEZUELA REGISTRY
Hospital de Clinicas Caracas, Venezuela

17:15 PREVALENCE OF HYPERTENSION IS HIGHER IN WOMEN WITH AN EXPERIENCE OF PRE-ECLAMPSIA
M.S. Shin, B.R. Kim, S.J. Park, S.W. Han, I.M. Chung, D.J. Choi, M.C. Cho
Gachon University Gil Hospital, Incheon, Korea

17:30 PROGNOSTIC VALUE FOR CARDIOVASCULAR RISK OF CLINIC AND AMBULATORY BLOOD PRESSURE IN CHRONIC KIDNEY DISEASE
R.C Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez
University of Vigo, Vigo, Spain

17:45 PREVALENCE OF HYPERTENSION AND ITS ASSOCIATION WITH METABOLIC RISK FACTORS IN TYPE 2 DIABETIC PUNJABI POPULATION
R. Kapoor, R. Duggal, S. Kapoor, R. Kapoor
Carewell Heart & Superspeciality Hospital, Amritsar, Punjab, India

18:00 CARDIORESPIRATORY RESPONSE TO EXERCISE AFTER RENAL SYMPATHETHIC DENERVATION IN RESISTANT HYPERTENSION
C. Ukena, F. Mahfoud, S. Ewen, I. Kindermann, M. Boehm
Innere Medizin III - Universitaetsklinikum des Saarlandes, Homburg/Saar, Germany

18:15 CORRELATION BETWEEN LVEDP AND PCWP IN PATIENTS WITH PULMONARY HYPERTENSION
W.I. Khalife, M. Morsy, T. Abu Sharifeh, UTMB, Galveston, Texas, USA

18:30 PREDICTORS OF PULMONARY HYPERTENSION IN PATIENTS WITH DIASTOLIC DYSFUNCTION
P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan, J. Rodriguez
UTMB, Galveston, TX, USA
### SATURDAY, JULY 27, 2013

**13:30 – 18:30**  
**Poster Hall**

#### P201 PROGRESS IN ECHOCARDIOGRAPHY

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<td>1</td>
<td>147</td>
<td>ASSESSMENT OF MYOCARDIAL SCAR BY OPTISON ENHANCED ECHOCARDIOGRAPHY</td>
<td>M.E. Aldridge, T.Z. Naqvi, A. Bamba</td>
<td>Keck Medical Center of USC, Los Angeles, CA, USA</td>
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<td>2</td>
<td>148</td>
<td>CORRELATION BETWEEN THE DOSE OF DOBUTAMINE AND ADDITIONAL USE OF ATROPINE TO ACHIEVE TARGET HEART RATES DURING DOBUTAMINE STRESS ECHOCARDIOGRAM (DSE) TEST AND CLINICAL OUTCOMES: A RETROSPECTIVE ANALYSIS</td>
<td>J.H. Patel, M.K. Ishaq, S. Stavraki, C.A. Sivaram, P. Lozano, U. Thadani</td>
<td>University of Oklahoma HSC, VA Medical Center, Oklahoma City, OK, USA</td>
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<td>3</td>
<td>149</td>
<td>COMPARISON OF TISSUE DOPPLER CHARACTERISTICS IN LV BASAL SEGMENTS BETWEEN DIABETIC AND NON DIABETIC PATIENTS</td>
<td>F. Ahmadi, M. Seiedian, T. Sahraee, F. Daenenejad, M. Nourizadeh, N. Asadinia</td>
<td>Cardiovascular Disease Research Center, Ahvaz Joundishapour University, Ahvaz, Iran</td>
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#### P202 ACUTE CORONARY SYNDROMES, INTERVENTIONAL THERAPIES

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<th>Board No.</th>
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<td>4</td>
<td>150</td>
<td>RISK PREDICTION OF CONTRAST-INDUCED NEPHROPATHY IN DIABETIC PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE MYOCARDIAL INFARCTION</td>
<td>J. Sugikawa, M. Inagaki, S. Fukuzawa, A. Ikeda, S. Okino, J. Maekawa, S. Maekawa, S. Ichikawa, N. Kuroiwa, S. Okamoto</td>
<td>Funabahsi Municipal Medical Center, Chiba, Japan</td>
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<td>5</td>
<td>151</td>
<td>CULPRIT VESSEL VERSUS COMPLETE MULTIVESSEL REVASCULARIZATION IN PATIENTS PRESENTING WITH ST-SEGMENT MYOCARDIAL INFARCTION: A SINGLE CENTER RETROSPECTIVE ANALYSIS</td>
<td>R.S. Marok, L.W. Klein</td>
<td>Advocate Illinois Masonic Medical Center Chicago, IL, USA</td>
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<td>6</td>
<td>152</td>
<td>ACCESS TO HEALTH CARE IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION IN SOUTHERN FLORIDA</td>
<td>C.A. Rueda Rios, A. Damluji, L. Rueda, H. Salazar, A. Ferreira</td>
<td>University of Miami Miller School of Medicine, Miami, Florida, USA</td>
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<td>7</td>
<td>153</td>
<td>IMPACTS OF PCI IN-HOSPITAL OUTCOMES AND LIFE EXPECTANCY IN 1PATIENTS AFTER ACUTE MYOCARDIAL INFARCTION</td>
<td>T-H. Hsieh, L-M Tsai</td>
<td>College and Hospital of National Cheng Kung University, Tainan, Taiwan</td>
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<td>8</td>
<td>154</td>
<td>PERI-PROCEDURAL HEMOGLOBIN DROP AND CREATININE CHANGE IN PATIENTS UNDERGOING SINGLE VESSEL PCI, A COMPARISON BETWEEN TRANSRADIAL AND TRANSFEMORAL APPROACHES</td>
<td>M. Bheemarasetti, S. Sudhakar, S.A. Gilani, A.R. Al Emam, S. Cherry, A. Almomani, A. Kumar, A. Charif</td>
<td>UTMB, Galveston, Texas, USA.</td>
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<td>Board No.</td>
<td>CHRONIC KIDNEY DISEASE: AMBULATORY BLOOD PRESSURE DIAGNOSTIC THRESHOLDS OF HYPERTENSION IN BASED ON CARDIOVASCULAR OUTCOMES</td>
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<td>R.C. Hermida, D.E. Ayala, A. Mojon, J.R. Fernandez University of Vigo, Vigo, Spain</td>
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<td>10</td>
<td>DISTANCE GUIDANCE REINFORCEMENT PROGRAM AND ADHERENCE OF THE TREATMENT OF DYSLIPIDEMIA IN PRIMARY CARE THE PRECAVER STUDY</td>
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<td>PUCCAMP, Campinas, SP Brazil</td>
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<td>11</td>
<td>DURATION OF SURGERY AND POSTOPERATIVE ECG IN NON-CARDIAC PATIENTS UNDERGOING MAJOR ABDOMINO-PELVIC SURGERIES</td>
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<td>12</td>
<td>H. Sakota, G. Youssef, A. Hassan, H. Kandil Cardiology Department, Cairo University, Cairo, Egypt</td>
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<td>12</td>
<td>PREVALENCE OF POSTOPERATIVE ECG CHANGES IN NON-CARDIAC PATIENTS UNDERGOING MAJOR ABDOMINO-PELVIC SURGERIES</td>
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<td>13</td>
<td>ISOLATED CHRONIC TOTAL OCCLUSION OF LEFT ANTERIOR DESCENDING ARTERY: FOLLOW-UP PATIENTS FOR 8 YEARS</td>
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<td>13</td>
<td>M. Prokudina, I. Konstantinov, P. Mochalov, E. Bobrova, E. Karev, N. Malinina</td>
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<td>Federal Center of Heart, Blood and Endocrinology, St. Petersburg, Russia</td>
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**P204 INSIGHTS INTO MECHANISM AND MANAGEMENT OF ATRIAL FIBRILLATION**

**POSTOPERATIVE ATRIAL FIBRILLATION IS ASSOCIATED WITH HIGHER EUROCORE, BUT NOT WITH HOSPITAL MORTALITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY**

C. Chen-Scarabelli, G. Faggian, G. Petrilli, L. Saravolatz, J. Narula, **T.M. Scarabelli**, St John Hospital and Medical Center/ Wayne State University, Detroit, MI, USA

**THE VALUE OF LAVI AND CHADSVASC AS PREDICTORS OF STROKE RECURRENCE IN PATIENTS WITH NO PRIOR AF: A SAUDI EXPERIENCE**

M.M. AlQaseer, A.K AlQarni, Y. Alawi, **A.D. Jelani**, B.I. Jugdutt

King AbdulAziz Hospital, National Guard Health Affairs, AlAhsa, Kingdom of Saudi Arabia

**ATRIAL FIBRILLATION IN PATIENT WITH DIASTOLIC DYSFUNCTION AND RISK OF ISCHEMIC STROKE**

P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, J. Rodriguez, A. Khan, S. Mutnuri, UTMB, Galveston, TX, USA

**ATRIAL ELECTROMECHANICAL INTERVAL IN THE PREDICTION OF RECURRENCE OF ATRIAL FIBRILLATION IN PATIENTS UNDERGOING SUCCESSFUL ELECTRICAL CARDIOVERSION TO SINUS RHYTHM**

K.G. Ulveling, **M.J. Holmberg**, T. Burns, A.M. Ayers, J. Go, A.N. Mooss

Creighton University, Omaha, NE, USA

**SUCCESS RATES FOR MAINTENANCE OF SINUS RHYTHM WITH DIRECT CURRENT CARDIOVERSION AND AGGRESSIVE ANTI-ARRHYTHMIC THERAPY IN PATIENTS WITH ATRIAL FIBRILLATION**

F.N. U Shailesh, S. Pant, S. Kasula, J. Russell, M. Abed, A.J. Deshmukh, H. Paydak, **S. Vallurupalli**

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

**ATRIAL FIBRILLATION ADDS TO THE BURDEN OF ISCHAEMIC STROKES IN A MULTI-ETHNIC SOUTHEAST ASIAN POPULATION**

J. See, J. Chow, Changi General Hospital, Singapore

**USEFULNESS OF DABIGATRAN IN THE PATIENTS WITH NON VALVULAR ATRIAL FIBRILLATION**

T. Tomaru, M. Ueshima, T. Matsubara, E. Matsubara, Y. Sugiyama

Toho University Medical Center Sakura Hospital, Japan

**SAFETY OF CLASS-1C ANTIARRHYTHMIC DRUG TREATMENT IN PATIENTS WITH ATRIAL FIBRILLATION AFTER EXCLUSION OF CORONARY CALCIFICATIONS BY CT - LONG TERM RESULTS**

R. Wakili, M. Greif, F. von Ziegler, F. Schuessler, S. Clauss, H. Estner, S. Kaab, A Becker, Klinikum Grosshadern, University of Munich

**IN HOSPITAL REGISTRY OF ATRIAL FIBRILLATION AND MULTIVARIANT ANALYSIS**

V.C. Borra, S.T. Sadagopan, V.B. Krishnan, L.S. Borra, J.A. Babburi

Sri Ramachandra University, Nagarjuna Hospitals, Chennai, India
### SATURDAY, JULY 27, 2013

**13:30 – 18:30**

**Poster Hall**

#### P205

**CARDIOVASCULAR ASPECTS IN RENAL DISEASE**

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#### P207

**LEFT VENTRICULAR HYPERTROPHY / HYPERTROPHIC CARDIOMYOPATHY**

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#### P208

**MISCELLANEOUS**

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08:30 – 10:30 Hall A

PL07 Plenary Session
PATHOGENESIS, DIAGNOSIS AND TREATMENT OF AORTIC ANEURYSMS AND PERIPHERAL ARTERY DISEASE

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

08:30 IGE ACTIVITIES ON CD4+ T CELLS ARE EQUALLY IMPORTANT TO THOSE ON MAST CELLS IN EXPERIMENTAL ABDOMINAL AORTIC ANEURYSMS (Invited Lecture)
J. Wang, J.S. Lindholt, P. Libby, G.P. Shi
Brigham and Women’s Hospital and Harvard Medical School, Boston, Massachusetts, USA

08:45 LESSONS FROM ANIMAL MODELS OF ARTERIAL ANEURYSM (Invited Lecture)
S.D. Gertz, L. Gavish
The Hebrew University - Hadassah Medical School, Jerusalem, Israel

09:00 PRACTICAL GENETICS OF THORACIC AORTIC ANEURYSM (Invited Lecture)
J.A. Elefteriades, Aortic Institute at Yale-New Haven, New Haven, CT, USA

09:15 UPDATE ON AHA GUIDELINES FOR MANAGEMENT OF THORACIC AORTIC DISEASE (Invited Lecture)
A.T. Yetman, University of Utah, Salt Lake City, UT, USA

09:30 POLYVASCULAR DISEASE: DIAGNOSIS AND TREATMENT (Invited Lecture)
T. Tomaru, J. Suzuki, T. Matsubara, E. Matsubara, Y. Minami
Toho University Sakura Hospital, Japan

09:45 CORRELATION BETWEEN AORTIC ROOT DILATION AND DIASTOLIC DYSFUNCTION
P. Rodriguez-Lozano, W.I. Khaliife, M. Morsy, S. Mutnuri, A. Khan
UTMB, Galveston, TX, USA

10:00 THE DA VINCI ROBOT AND NEW ERA OF VASCULAR SURGERY
P. Stadler, L. Dvoracek, P. Vitasek, P. Matouš
Na Homolce Hospital, Praha, Czech Republic

10:15 ENDOVENOUS ABLATION THERAPY FOR TREATMENT OF VENOUS INSUFFICIENCY: COMPARATIVE STUDY EVALUATING EFFICACY BETWEEN LASWER AND RADIOFREQUENCY IN SYMPTOMATIC VENOUS INSUFFICIENCY
Lorven Heart & Vascular Institute, Ocala, FL, USA

10:30 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 28, 2013

08:30 – 11:00 Hall B

PL08 Plenary Session

VASCULAR BIOLOGY, IMMUNE MEDIATED SURVIVAL AND OXIDATIVE STRESS

Chairs: T. Malinski, Athens, OH, USA
K. Maiese, Jersey City, NJ, USA

08:30 STATIN EFFECTS BEYOND LIPID LOWERING: ATORVASTATIN INHIBITION OF MYOCARDIN EXPRESSION IN VASCULAR SMOOTH MUSCLE (Invited Lecture)
X.L. Zheng, University of Calgary, Calgary, AB, Canada

08:45 CROSS-TALK BETWEEN NADPH OXIDASE AND MITOCHONDRIA FOR ROS-DEPENDENT VEGF SIGNALING AND ANGIOGENESIS (Invited Lecture)
M. Ushio-Fukai, University of Illinois at Chicago, Chicago, IL, USA

09:00 mTOR SIGNALING IN VASCULAR AND IMMUNE MEDIATED DISEASE (Invited Lecture)
K. Maiese, Mitsubishi Tanabe Pharma, Jersey City, NJ, USA

09:15 CORONARY VASOMOTOR REGULATION BY ENDOTHELIN-1 AND OXIDATIVE STRESS (Invited Lecture)
L. Kuo, G. Lu, T.W. Hein, Texas A&M Health Science Center, Temple, TX, USA

09:30 THE ROLE OF NITRIC OXIDE/PEROXYNITRITE IMBALANCE IN THE ISCHEMIC HEART (Invited Lecture)
H. Wang, T. Malinski, Ohio University, Athens, OH, USA

09:45 DIHYDROFOLATE REDUCTASE IN CARDIOVASCULAR PATHOPHYSIOLOGY (Invited Lecture)
H. Cai, UCLA David Geffen School of Medicine Los Angeles, CA, USA

10:00 THIOREDUXIN-1 GENE THERAPY FOR CARDIOVASCULAR DISEASE (Invited Lecture)
N. Maulik, University of Connecticut School of Medicine, Farmington, CT, USA

10:15 HYPERCHOLESTEROLEMIA-INDUCED OXIDATIVE STRESS IN THE HEART (Invited Lecture)
K. Prasad, University of Saskatchewan, Saskatoon, SK, Canada

10:30 IL-10 AND INNATE SIGNALING IN CARDIOMYOCYTE PROTECTION (Invited Lecture)
A. Bagchi, A. Sharma, G. Akolkar, P.K. Singal
St. Boniface General Hospital Research Centre, Winnipeg, MN, Canada

10:45 CD137 DEFICIENCY REDUCES THE DEVELOPMENT AND PLAQUE INSTABILITY OF ATHEROSCLEROSIS
G.T. Oh, I.H. Jung, J. Jin, D.Y. Kim
Ewha Womans University, Seoul, Korea

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 28, 2013

08:30 – 11:00 Hall C

S26 Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairs: T. Akasaka, Wakayama, Japan
        T. Tomaru, Chiba, Japan

Abstract No.

08:30 SAFETY OF ECHOCARDIOGRAPHIC CONTRAST IN
HOSPITALIZED PATIENTS WITH PULMONARY HYPERTENSION:
A MULTICENTER STUDY
V. Suma, O. Wever-Pinzon, A. Ahuja, J. Romero, N. Sareen, S.A. Henry,
M.D. Zunino, F.F. Chaudhry, R.S. Suryadevara, F.A. Chaudhry
North Shore University Hospital, Hofstra NS-LIJ School of Medicine,
Manhasset, NY, USA

08:45 MDCT QUANTIFICATION OF EXTRACELLULAR VOLUMES
IN ACUTE AND SCARRED MYOCARDIAL INJURIES
L. Do, M.W. Wilson, M. Suhail, S.W. Hetts, M. Saeed
University of California San Francisco, San Francisco, CA, USA

09:00 LONG-TERM FOLLOW-UP OF CORONARY COMPUTED
TOMOGRAPHY IN PATIENTS WITH CHEST PAIN AT INTERMEDIATE RISK
F.B. Sozzi, F. Civaia, P. Rossi, J.F. Robillon, S. Rusek, F. Bertier,
F. Bourlon, L. Iacuzio, G. Drayfus, V. Dor
Fondazione IRCCS Cà Granda, Cardiology, Milan, Italy

09:15 WHO IS YOUNG AT HEART AND WHEN? DATA FROM THE MIND
YOUR HEART STUDY
S. Pursnani, K. Singh, S. Lahsaei, B. Ristow, R.E. Shaw, B.E. Cohen,
N. Schiller, California Pacific Medical Center; San Francisco, CA, USA

09:30 OPTICAL COHERENCE TOMOGRAPHY FINDINGS OF LESION WITH
VERY LATE RESTENOSIS AFTER BARE METAL STENT IMPLANTATION
M. Habara, M. Terashima, K. Nasu, T. Teramoto, M. Kimura, Y. Kinoshita,
E. Tsuchikane, Y. Asakura, T. Matsubara, T. Suzuki
Toyohashi Heart Center, Toyohashi, Aichi, Japan

09:45 CORONARY CHRONIC TOTAL OCCLUSIONS; EVALUATION AND
PREDICTION OF PERCUTANEOUS INTERVENTION OUTCOME BY
COMPUTED TOMOGRAPHY CORONARY ANGIOGRAPHY AS
COMpared TO CONVENTIONAL CORONARY ANGIOGRAPHY
Cairo University, Department of Cardiology, Cairo, Egypt

10:00 UNVEILING RESTRICTIVE CARDIOMYOPATHIES WITH CARDIAC
MAGNETIC RESONANCE
N.R. Aggarwal, Mayo Clinic, Rochester, MN, USA

10:15 LOW RISK CHEST PAIN PATIENTS MIGHT NOT BENEFIT FROM IN
PATIENT STRESS TESTING
Y. Nawaz, B. Ayub, D. Schneider, R.A Watson
Lehigh Valley Hospital, Allentown, PA, USA
SUNDAY, JULY 28, 2013

S26 Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES
(continued)

Abstract No.

10:30 NON-INVASIVE ASSESSMENT OF THE LEFT VENTRICULAR END-DIASTOLIC PRESSURE USING PORTABLE ULTRASOUND MEASUREMENTS OF THE RIGHT INTERNAL JUGULAR VEIN
G.T. Jao, R.W. Savage, J. Li, K. Buchanan, D.C. Sane
Carilion Clinic-Virginia Tech School of Medicine, Roanoke, VA, USA

10:45 THE INFLUENCE OF EARLY TRAINING IN TRANS-RADIAL VERSUS TRANS-FEMORAL APPROACH DURING SELECTIVE CORONARY ANGIOGRAPHY
S. Sudhakar, M. Bheemarasetti, W. Khalife, A. al Emam, S. Cherry, A. Almomani, A. Sharife, S. Onguti, S. Gilani
University of Texas Medical Branch, Galveston, Texas, USA

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

08:30 – 11:00 Hall D

S27 Session
ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT

Chairs: M.R. Movahed, Tuscon, AZ, USA
B.F. Uretsky, Little Rock, AR, USA

08:30 CORONARY COLLATERALS ARE NOT CARDIOPROTECTIVE IN MULTIETHNIC STEMI PATIENTS AFTER REVASCULARIZATION
A. Avezbadalov, A. Jaiswal, E.N. Moustakakis, C.H. Park, A.J. Buda
New York Hospital Queens, Weill Cornell Medical College, New York, NY, USA

08:45 MICROVASCULAR OBSTRUCTION LIMITS MYOCARDIAL INFARCT RESORPTION
H. Bajwa, M.W. Wilson, L. Do, S.W. Hetts, M. Saeed
University of California San Francisco, CA, USA

09:00 ACUTE MYOCARDIAL INFARCTION AND MULTIVESSEL DISEASE: DIFFERENT PERCUTANEOUS REVASCULARIZATION STRATEGIES IN REAL WORLD
S. Maria Nuova Hospital, Reggio Emilia, Italy

09:15 INFLAMMATION/LIPID SCORE MAY OUTPERFORM TIMI SCORE FOR PREDICTION OF PCI-TREATED STEMI OUTCOMES
J.D. Kasprzak, K. Kolodziej, J.Z. Peruga, Z. Bednarkiewicz, M. Krzeminska-Pakula, T. Rechciski
Medical University of Lodz, Lodz, Poland
SUNDAY, JULY 28, 2013

S27 Session

ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT (continued)

Abstract No.

09:30 OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROME REQUIRING INTENSIVE CARE UNIT ADMISSION
A Jain, R. Giri, H. Luckraz, New Cross Hospital, Wolverhampton, UK

09:45 IS STEMI AS COMMON AS WE THINK IN SYMPTOMATIC PATIENTS WITH LEFT BUNDLE BRANCH BLOCK?
Hamad Medical Corporation, Doha, Qatar

10:00 QT DISPERSION AND T WAVE PEAK TO END TIME SIGNIFICANTLY CHANGE AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH ACUTE ST ELEVATION
University of Arizona, USA

10:15 MICROEMBOLI EFFECTS ON LEFT VENTRICULAR FUNCTION, NECROSIS BIOMARKERS AND HISTOPATHOLOGY IN PRE-EXISTING AMI
University of California San Francisco, San Francisco, CA, USA

10:30 ACUTE MYOCARDIAL INFARCTION IN HOSPITALIZED PATIENTS WITH THROMBOTIC THROMBOCYTOPENIC PURPURA
N. Balasubramaniyan, D.S. Kolte, C. Palaniswamy, K. Yalamanchili, W.S. Aronow, J.A. McClung, S. Khera, M. Mujib, S. Sule, SJ Peterson
Internal Medicine, New York Medical College, Valhalla, NY, USA

10:45 ANALYSIS OF CURRENT TREATMENT AND OUTCOMES FOR ACUTE MYOCARDIAL INFARCTION IN ETHIOPIA
S. Zaeh, A. Giday, C. Smitson, E. Weldeyes, J. O’Mara
Yale University, New Haven, CT, USA

11:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 28, 2013

11:15 – 14:00 Hall A

PL09 Plenary Session
VALVULAR HEART DISEASE: MECHANISMS, IMAGING AND TREATMENT OPTIONS
Joint Session with the Heart Valve Society of America

Chairs: J.S. Borer, New York, NY, USA
N.M. Rajamannan, Chicago, IL, USA

11:15 ANTICOAGULATION AND HEART VALVE DISEASE: IS IT TIME TO RECONSIDER WHO AND HOW? (Invited Lecture)
J.S. Borer, State University of New York Downstate Medical Center, New York, NY, USA

11:30 NEW INSIGHT INTO TREATMENT OF AORTIC STENOSIS: LIGHT AT THE END OF THE TUNNEL (Invited Lecture)
D.D. Heistad, R.M. Weiss, University of Iowa College of Medicine, Iowa City, IA, USA

11:45 TRANSAPICAL TRANSCATHETER AORTIC VALVE REPLACEMENT IN THE PRESENCE OF A MITRAL PROSTHESIS (Invited Lecture)
J. Ye, University of British Columbia, Vancouver, BC, Canada

12:00 OXIDATIVE-MECHANICAL SIGNALING ACTIVATES Wnt3a-Lrp5 MEDIATED AORTIC VALVE OSTEOSGENESIS IN BICUSPID AORTIC VALVE DISEASE (Invited Lecture)
N.M. Rajamannan, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

12:15 EVOLVING TREATMENT STRATEGIES FOR TRICUSPID VALVE DISEASE (Invited Lecture)
H.K. Reddy, R.C. Komatireddy, R.K. Sharma, D.J. Voelker
University of Arkansas for Medical Sciences, Little Rock, AR, USA

12:30 TAVI - WAVE OF THE FUTURE OR TIME FOR A DEEP BREATH? (Invited Lecture)
H.L. Lazar, Boston Medical Center, Boston, MA, USA

12:45 TRANSESOPHAGEAL ECHOCARDIOGRAPHY FOR TRANSCATHETER AORTIC VALVE REPLACEMENT (Invited Lecture)
S. Lerakis, P. Block, V. Thourani, R. Guyton, V. Babaliaras
Emory University Hospital, Atlanta, GA, USA

13:00 ASYMPTOMATIC SEVERE AORTIC STENOSIS: OPERATE OR WAIT? (Invited Lecture)
H.P. Chaliki, Mayo Clinic, Scottsdale, AZ, USA

13:15 EARLY SURGERY IN MITRAL REGURGITATION: IS IT A NEW TREND? (Invited Lecture)
Y.J. Kim, Seoul National University College of Medicine, Seoul, Korea

13:30 MAJOR NON-CARDIAC SURGERY IN PATIENTS WITH AORTIC STENOSIS - SAME AS 20 YEARS AGO? (Invited Lecture)
S. Pislaru, Mayo Clinic College of Medicine, Rochester, MN, USA

13:45 SURGICAL TIMING FOR INFECTIVE ENDOCARDITIS (Invited Lecture)
D.H. Kang, University of Ulsan, Asan Medical Center, Seoul, Korea
SUNDAY, JULY 28, 2013

11:15 – 13:45

Hall B

PL10 Plenary Session
ARRHYTHMIA, ELECTROPHYSIOLOGY AND STROKE PREVENTION

Chairs: C. Snyder, Cleveland, OH, USA
A. Khoynezhad, Los Angeles, CA, USA

Abstract No.

11:15 THE WORK UP OF ASYMPTOMATIC WOLFF-PARKINSON-WHITE SYNDROME (Invited Lecture)
C. Snyder, W. Hoyt Jr., J. Steinberg, Rainbow Babies and Children’s Hospital, Cleveland, OH, USA

11:30 ATRIAL FIBRILLATION AS A GENETIC DISEASE (Invited Lecture)
M.H. Gollob, University of Ottawa Heart Institute, Ottawa, ON, Canada

11:45 IS THERE A PERFECT APPROACH FOR ABLATION PERSISTENT ATRIAL FIBRILLATION? (Invited Lecture)
K. Srivathsan, Mayo Clinic, Arizona, AZ, USA

12:00 THORACOSCOPIC BIATRIAL MAZE PROCEDURE – A NOVEL MINIMAL-INVASIVE REMEDY WITH PROMISING MIDTERM RESULTS (Invited Lecture)
A. Khoynezhad, Cedars-Sinai Medical Center, Los Angeles, CA, USA

12:15 LEFT ATRIAL APPENDAGE CLOSURE (Invited Lecture)
S. Bertog, L. Vaskelyte, I. Hofmann, S. Lam, S. Gafoor, J. Wiebe, H. Sievert, CVC Frankfurt/Minneapolis VA Medical Center, MN, USA

12:30 CRYPTOGENIC STROKE - COULD LONG TERM CARDIAC MONITORING UNCOVER THE CAUSE (Invited Lecture)
J. Rod Gimbel, Knoxville, TN, USA

12:45 MY PATIENT CANNOT STAND UP: WHAT TO DO ABOUT ORTHOSTATIC HYPOTENSION (Invited Lecture)
S.R. Raj, Vanderbilt University, Nashville TN, USA

13:00 ANTICOAGULATION IN PATIENTS WITH SYSTOLIC HEART FAILURE AND SINUS RHYTHM: WHEN? (Invited Lecture)
E. Yetkin, Middle East Hospital, Mercin, Turkey

13:15 LONG TERM EFFICACY OF ATRIAL BASED PACING AND BETA BLOCKER THERAPY TO PREVENT SUDDEN CARDIAC DEATH IN CONGENITAL LONG QT SYNDROME
A. Chatterjee, H. Doppalapudi, Y.R. Lau, T. Yamada, H.T. McElderry, V.J. Plumb, G.N. Kay, University of Alabama at Birmingham, AL, USA

13:30 ASSOCIATION OF CORRECTED QT INTERVAL WITH LONG-TERM MORTALITY IN PATIENTS WITH SYNCPE
J. Garg, P. Harikrishnan, N. Balasubramaniam, C. Palaniswamy, W.S. Aronow, S. Khera, G. Balasubramanian, C. Nabors, S.J. Peterson, S. Sule Westchester Medical Center, New York Medical College, Valhalla, NY, USA

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
NEW INSIGHTS INTO PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES

Abstract No.

11:15 PREVENTIVE AND/OR THERAPEUTIC EFFECT OF NRF2 ACTIVATORS ON DIABETES- OR ANGIOTENSIN II-INDUCED CARDIOMYOPATHY

L. Cai, University of Louisville, Louisville, KY, USA
The Chinese-American Research Institute for Diabetic Complications, Wenzhou Medical College, Wenzhou, China

11:30 DOES THE ETIOLOGY OF RECIPIENT CARDIOMYOPATHY OR LEFT VENTRICULAR HYPERTROPHY POST TRANSPLANT PREDICT THE LONG TERM INCIDENCE OF CORONARY ALLOGRAFT VASCULOPATHY?

W.I. Khalife, S. Garikipati, R.P. Vivo, P. Nalabothu, S. Johnson, K. Kislingbury, R. Sharif, A. Charif
University of Texas Medical Branch, Galveston, TX, USA

11:45 TAKOTSUBO CARDIOMYOPATHY: ANALYSIS FROM THE NATIONAL INPATIENT SAMPLE 2009-2010

P. Krishnamoorthy, J. Garg, C. Palaniswamy, J.A McClung, H. Ahmad
Englewood Hospital and Medical Center, Englewood, NY, USA

12:00 PROGNOSTIC VALUE OF FRAGMENTED QRS COMPLEX ON ECG OF HYPERTROPHIC CARDIOMYOPATHY PATIENTS WITH ICD

B.M. Omery, M. Homsi, A.S. Aasar, M. Das
Krannert Institute of Cardiology, Indiana University School of Medicine, Indianapolis, IN, USA

12:15 LIRAGLUTIDE POSTCONDITIONING IS MORE EFFECTIVE THAN EXENDIN-4 IN LIMITING REPERFUSION INJURY IN BOTH WKY AND SHR-SP RATS WITH LEFT VENTRICULAR HYPERTROPHY

B. Faricelli, M. Salomonsson, A. Consoli, T. Engstroem, M. Treiman
University of Copenhagen, Copenhagen, Denmark
G. d’Annunzio University, Chieti, Italy

12:30 SENSITIVITY AND SPECIFICITY OF COMMONLY USED EKG CRITERION TO ASSESS LEFT VENTRICULAR HYPERTROPHY IN CENTENARIANS

A. Sharma, S. Chatterjee, V. Shetty, E. Lichstein
Maimonides Medical Center, Brooklyn, NY, USA

12:45 A CASE OF FATAL FULMINANT MYOCARDITIS PRESENTING AS AN ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION AND PERSISTENT VENTRICULAR TACHYARRHYTHMIA ASSOCIATED WITH INFLUENZA A (H1N1) VIRUS IN A PREVIOUSLY HEALTHY PREGNANT WOMAN

Lutheran HealthCare, Brooklyn, NY, USA
SUNDAY, JULY 28, 2013

S28  Session
NEW INSIGHTS INTO PATHOGENESIS, PREVENTION AND TREATMENT OF CARDIOMYOPATHIES (continued)

Abstract No.

13:00  MYOCARDIAL INFARCTION.... OR NOT? THE TIME IS “TICKING”  246
J. Gilson, M. Krishnamurthy, F. Elmi
Easton Hospital, Academic affiliate to Drexel University, Easton, PA, USA

13:15  IS TAKOTSUBO CARDIOMYOPATHY A POTENTIAL SIDE EFFECT OF ANTIDEPRESSANT?  247
J. Kim, I.C. An, G.S. Abela, H.S. Laird-Fick
Michigan State University, East Lansing, MI, USA and Sparrow Health System, Lansing, MI, USA

13:30  TELMISARTAN DELAYED INACTIVATION OF CARDIAC NAV1.5 RESULTING CARDIAC DYSFUNCTION  248
H.K. Kim, S.R. Lee, I-S. Song, S.H. Jeong, D.Y. Seo, N. Kim, J. Han
Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea

13:45  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
Abstract No.

11:15 CDK5-MEDIATED HYPERPHOSPHORYLATION CONTRIBUTES TO THE LOSS-OF-SIRT1 FUNCTION DURING THE DEVELOPMENT OF ENDOTHELIAL SENESCENCE

Li Ka Shing Faculty of Medicine, the University of Hong Kong, Hong Kong

11:30 MOLECULAR MECHANISMS UNDERLYING THE PRO-ATHEROGENIC ACTIONS OF INTERFERON-GAMMA

N. Li, J.E. McLaren, D.R. Michael, T.R. Hughes, D.P. Ramji
School of Biosciences, Cardiff University, Museum Avenue, Cardiff, UK.

11:45 TMEM16A CALCIUM ACTIVATED CHLORIDE CHANNEL IS INVOLVED IN CEREBROVASCULAR REMODELING

Zhongshan School of Medicine, Sun Yet-Sen University, Guanghzhou, China

12:00 EFFECTS OF SODIUM BICARBONATE ON HEMODYNAMIC RECOVERY IN HYPOXIC NEWBORN PIGLETS RESUSCITATED WITH ROOM AIR

J-Q Liu, T-F Lee, D.L. Bigam, P-Y Cheung
University of Alberta, Edmonton, AB, Canada

12:15 DILATED CARDIOMYOPATHY AND MITOCHONDRIAL DYSFUNCTION IN GAB1-DEFICIENT MICE: A ROLE FOR GAB1 IN ADULT HEART

Z. Jin, J. Zhao, F.Q. Jin, C. Wong, M.A. Mastrangelo, Y. Lu, D.M. Mickelsen, Y. Yang, M. Yin
University of Rochester, New York, NY, USA


F. Zgheel, M. Alhosin, S. Rashid, C. Auger, V.B. Schini-Kerth
Strasbourg University, Illkirch, France

12:45 CAVEOLIN-1/ABC-A1 COMPLEX-MEDIATED CHOLESTEROL EFFLUX OF LIPID-LADEN CELLS AND DRUG DEVELOPMENT FROM CHINESE HERBAL MEDICINE

D.F. Liao, S.W. Sun
Hunan University of Chinese Medicine, Changsha, Hunan, China

13:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
### P301 Poster Session

**MOLECULAR AND CELLULAR CARDIOLOGY, BASIC AND TRANSLATIONAL RESEARCH**

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<td>CO-PURIFICATION OF ARRESTIN LIKE PROTEINS WITH ALPHA-ENOLASE IN BOVINE MYOCARDIAL TISSUES, THEIR IMPLICATION IN CLINICAL HEART DISEASES</td>
<td>M. Mirshahi, S. Le Marchand INSERM, UMRS 872, CRC, University of Pierre and Marie Curie, and University of Paris Descartes, Paris, France</td>
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<td>THE MOLECULAR MECHANISM OF THE ANTI-OXIDATIVE EFFECTS OF CATECHIN ON PALMITIC ACID-INDUCED CYTOTOXICITY IN ASTROCYTES</td>
<td>K.L. Wong, C.W. Cheung, K.S. Cheng, E.C. So, C.C. Chao, Y.M. Leung China Medical University &amp; Hospital, Taichung, Taiwan</td>
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<td>REMOTE CARDIAC INJURY MEDIATED BY NEUROGENIC PATHWAY: A CARDIAC DELETERIOUS EFFECT AND PREVENTS STRATEGY</td>
<td>X. Ren, The Second Affiliated Hospital of Harbin Medical University, China</td>
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<td>TISSUE PERFUSION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION: THE ROLE OF FIBRINOGEN LEVEL IN CORONARY ARTERY REVASULARIZATION AFTER THROMBOLYTIC THERAPY AND RESCUE PERCUTANEOUS CORONARY INTERVENTION</td>
<td>K. Bin Thani, E. Murad, A. Al-Moosa, M.E. Alalawi, F Al-Moosa, H Al-Sindi, E. Mahmud Salmaniya Medical Complex, Manama, Bahrain</td>
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<td>B.H. Kim, M.Y. Park, J.H. Park, Sookmyung Women’s University, Yongsan-gu, Seoul, Korea</td>
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<td>S. Han, Y. Yang, Sookmyung Women’s University, Seoul, Korea</td>
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<td>M. Tokarska-Schlattner, S. Gratia, L. Kay, V. Novel-Chate, L. Potenza, P. Sestili, U. Schlattner University Joseph Fourier, Laboratory of Fundamental and Applied Bioenergetics, Grenoble, France</td>
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**SUNDAY, JULY 28, 2013**

**08:00 – 13:00**  
**Poster Hall**

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<td><strong>P302 ANTIPLATELET AND ANTITHROMBOTIC THERAPIES IN PCI</strong></td>
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Newark Beth Israel Medical Center, Newark, NJ, USA | |
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**P304 CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT**

- **16** ARTERIAL WALL THICKENING DURING MENOPAUSE TRANSITION REFLECTS IRON ACCRUAL AND ATHEROSCLEROSIS RISK  
  The Ohio State University, Columbus, OH, USA

- **17** CARDIOVASCULAR DISEASE AND SPINAL CORD INJURY: RESULTS FROM A NATIONAL POPULATION HEALTH SURVEY  
  **J.J. Cragg**, V.K. Noonan, A. Krassioukov, J. Borisoff  
  University of British Columbia, Vancouver, BC, Canada

- **18** RELATION OF WAIST CIRCUMFERENCE TO THE PRESENCE AND SEVERITY OF ATHEROSCLEROTIC CORONARY ARTERY DISEASE AMONG AN EGYPTIAN COHORT  
  **O.A. Rifaie**, A.A. Aboleila, K.A. Foad, Ain Shams University, Cairo, Egypt

- **19** BODY MASS INDEX DOES NOT HAVE CORRELATION WITH THE SEVERITY OF CORONARY ARTERY DISEASE BUT WAIST TO HIP RATIO HAS: PARADOXICAL FINDINGS  
  **A.F. Zand Prasa**, S. Jahanshahi, L. Haghighi, Imam Khomeini Hospital Complex, Tehran University of Medical Sciences, Tehran, Iran

- **20** MATRIX METALLOPROTEINASE 9 (MMP9), TISSUE INHIBITOR OF MMP (TIMP1) IN SERUM AT PATIENTS WITH SUBCLINICAL ATHEROSCLEROSIS  
  **G.A. Rozikhodjaeva**, Z.A. Usmanova, K.R. Yokubov  
  Central Clinical Hospital 1, Tashkent, Uzbekistan

- **21** DEPRESSION AND RISK OF CARDIOVASCULAR DISEASES AMONG MEN AGED 25-64 YEARS: WHO PROGRAM MONICA –PSYCHOSOCIAL  
  **V.V. Gafarov**, E.A. Gromova, A.V. Gafarova, I.V. Gagulin  
  FSBI Collaborative Laboratory of Cardiovascular Diseases Epidemiology SB RAMS, Novosibirsk, Russia

- **22** THE RELATIONSHIP BETWEEN CAROTID INTIMA-MEDIA THICKNESS AND CARDIAC SYNDROME X  
  **H.S. Taha**, M.Z. Elramly, L.M. Abudaqa  
  Faculty of Medicine, Cairo University, Cairo, Egypt

- **23** RELATIONSHIP BETWEEN BONE MINERAL DENSITY AND RISK FACTORS OF ATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE IN KOREAN POSTMENOPAUSAL WOMEN  
  **E.H. Kong**, H.Y. Park  
  Kosin University College of Medicine, Busan, South Korea

- **24** PRESENCE OF ANOMALOUS CORONARIES DO NOT INCREASE THE RISK FOR ATHEROSCLEROSIS  
  **P. Suryanarayana**, S. Kollampare, I. Riaz, J. Lee, M. Hussein, **M.R. Movahed**  
  University of Arizona College of Medicine, Tucson, AZ, USA
P305  CARDIAC PACING, DEFIBRILLATION AND RESYNCHRONIZATION THERAPY

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<td>30</td>
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25 **DOES BASELINE PR INTERVAL IMPACT OUTCOMES AFTER CARDIAC RESYNCHRONIZATION THERAPY?**
*P. Simlote, R.R. Shah, B.B. Pavri*
Jefferson Medical College, Thomas Jefferson University Hospital, Philadelphia, PA, USA

26 **THE FATE OF INNOCENT BYSTANDER LEADS AFTER LASER LEAD EXTRACTION**
*T. Tse, S. Parekh, J.S. Snow*
Winthrop University Hospital, Mineola, NY, USA

27 **PACING IN PATIENTS WITH SINUS NODE DYSFUNCTION: MANAGED VENTRICULAR PACING (MVP) VERSUS DDDR WITH LONG AV DELAY**
*S. Pumprueg, A. Suwanagool, W. Boonyapisit, C. Sriratanasathavorn*
Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand

28 **EMERGENCY DEPARTMENT STAFF KNOWLEDGE OF INDICATIONS FOR PERMANENT PACemaker INSERTION**
*J. Basu*
Oxford Heart Centre, John Radcliffe Hospital, Oxford, UK

29 **UNWINDING LIFE IN THE HEART; A CASE OF INTERNAL CARDIOVERTER-DEFIBRILLATOR LEAD MALFUNCTION**
*S. Kanneganti, T. Aung, K. Khalighi*
Easton Hospital, Easton, PA, USA

30 **EPICARDIAL RHYTHM DEVICES (ERD), AN ALTERNATIVE FOR HEMODIALYSIS PATIENTS**
*R. Cohen, P. Loarte, I. Dashkova, S-Y. Chou, B. Mirrer*
Division of Cardiology – Woodhull Medical Center, Brooklyn, New York. USA

P306  EXERCISE AND THE CARDIOVASCULAR SYSTEM

31 **THE EFFECT OF AEROBIC TRAINING ON ENDOTHELIUM-DEPENDENT VASODILATATION IN CORONARY ARTERY DISEASE PATIENTS AFTER REVASCULARIZATION**
*F. Ahmadi, B. Hidian, E. Hajizadeh, M. Seidian, M. Adel, M. Nourizadeh, F. Daenejad*
Cardiovascular Disease Research, Joundishapoor, Ahvaz, Iran

32 **ANALYSIS OF THE RELATION BETWEEN VO2MAX. AND LACTATE AFTER PHYSICAL EFFORT TEST IN ELDERLY**
*S.L Alabarse, A. Silva, D.R. Silva, P.S.B. Silva, J.A.O. Filho, M.T. Mello, V.A. Moises, S. Tufik, T.P. Rodrigues*
Federal University of Sao Paulo, Sao Paulo, SP, Brazil
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<td>33</td>
<td>287</td>
<td>HEART RATE VARIABILITY AND FINNEGAN’S SCORE: A COMPARATIVE ASSESSMENT</td>
<td>M. Nagiub, K. Alton, <strong>V. Avula</strong>, D. Macon, K. Hagglund, P. Anne</td>
<td>St. John Providence Children’s Hospital, Wayne State University, Detroit, MI, USA</td>
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<td>OF NEONATAL ABSTINENCE SYNDROME</td>
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<td>288</td>
<td>PRENATAL DIAGNOSIS AND OUTCOMES OF FETUSES WITH TRICUSPID ATRESIA</td>
<td>R.A. Bejiqi, R.J Retkoceri, N.E Zeka, H.X. Bejiqi, A.R. Retkoceri,</td>
<td>UCC of Kosovo, Pediatric Clinic, Prishtina, Kosovo</td>
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<td>SINGLE CENTRE EXPERIENCE</td>
<td>S.A Surdulli, N.F. Gashi</td>
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<td>35</td>
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<td>UNDER ESTIMATION OF ATRIAL SEPTAL DEFECT CLOSURE</td>
<td>H.I. Kandil, A. El Sisi, M. Ali</td>
<td>Cairo University, Cairo, Egypt</td>
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<td>DEVICE SIZE IN LARGE ATRIAL SEPTAL DEFECTS REQUIRING</td>
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<td>290</td>
<td>CHARACTERIZATION AND EVALUATION OF DUCTUS ARTERIOSUS STENTING</td>
<td>J.P. Rojas, E. Vallejo, A. Valencia</td>
<td>Universidad Libre Seccional Cali, Colombia</td>
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<td>IN NEONATES AND INFANTS WITH DUCT-DEPENDENT CYANOTIC CONGENITAL HEART</td>
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<td>DISEASE</td>
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<td>291</td>
<td>USING THE IPHONE AS A HEART RHYTHM MONITOR. CAN I SEE P WAVES IN MY</td>
<td>J.E. Banchs, M Sendra Ferrer, G.A. Baquero, S. Lentz, D.L. Wolbrette,</td>
<td>Penn State Hershey Heart &amp; Vascular Institute, Hershey, PA, USA</td>
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<td>G.V. Naccarelli, M.D. Gonzalez</td>
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**P307** PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY / CONGENITAL HEART DISEASE

**P308** REMOTE MONITORING IN CARDIOLOGY
PL11  Plenary Session
STABLE ISCHEMIC HEART DISEASE – THERAPEUTIC OPTIONS

Chairs:  
M.E. Farkouh, Toronto, ON, Canada  
U. Thadani, Oklahoma City, OK, USA

14:00  IMPACT OF LIFE STYLE MODIFICATIONS, ANTIANGINALS, ANTIPLATELETS AND LIPID MODIFYING DRUGS AND OF CORONARY ARTERY REVASCULARIZATION ON MORTALITY AND MORBIDITY IN PATIENTS WITH ISCHEMIC HEART DISEASE: TRUTH AND FALSE NOTIONS  
(Under Invitation)
U. Thadani, University of Oklahoma HSC and VA Medical Center, Oklahoma City, OK, USA

14:15  INTEGRATIVE THERAPY IN CARDIOVASCULAR DISEASE: SAVIOR OR SHAM?  
(Under Invitation)
S. Schaefer, University of California, Davis, CA, USA

14:30  MEDICAL RISK FACTOR CONTROL IN LARGE TRIALS OF DIABETIC PATIENTS UNDERGOING CORONARY REVASCULARIZATION  
M.E. Farkouh, University of Toronto, Toronto, Ontario, Canada

14:45  PTEN AND STATINS INDUCED NEW ONSET DIABETES  
(Under Invitation)
Y. Ye, S. Ling, M. Bajaj, Y. Birnbaum  
Baylor College of Medicine, Houston, TX, USA

15:00  ADVANCES IN THE TREATMENT OF CORONARY ARTERY DISEASE IN THE ELDERLY  
(Inder Invitation)
I. Mikati, Northwestern Memorial Hospital, Chicago, IL, USA

15:15  IS THERE A ROLE FOR CORONARY ARTERY CALCIUM (CAC) TESTING IN SYMPTOMATIC PATIENTS IN THE ERA OF CORONARY CT ANGIOGRAPHY?  
(Under Invitation)
K. Nasir, Baptist Health South Florida, Johns Hopkins Ciccarone Center for Preventive Cardiology, Miami, FL, USA

15:30  CENTRALIZED, STEPPED, PATIENT PREFERENCES BASED TREATMENT FOR PATIENTS WITH POST-ACTIVE CORONARY SYNDROME DEPRESSION: CODICS VANGUARD RANDOMIZED CONTROLLED TRIAL  
K.W. Davidson  
Columbia University Medical Center, New York, NY, USA

15:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 28, 2013

14:00 – 16:15  Hall B

PL12  Plenary Session
MOLECULAR SURVIVAL AND REGENERATION IN CARDIAC DISEASE

Chairs:  D.K Das, Farmington, CT, USA
          A.M. Gerdes, Old Westbury, NY, USA

14:00  ENHANCING STEM CELL ENGRAFTMENT IN THE HEART USING
SINGLE CELL MICROENCAPSULATION  (Invited Lecture)
D.L. Kraitchman, Johns Hopkins University, Baltimore, MD, USA

14:15  CARDIOPROTECTION BY AUTOPHAGY MEDIATED VIA
ENDOPLASMIC RETICULUM STRESS  (Invited Lecture)
S. Das, I. Lekli, D.K Das, University of Connecticut School of Medicine,
Farmington, CT, USA

14:30  CARDIAC TISSUE HYPOTHYROIDISM- A MAJOR PLAYER IN
DIABETIC CARDIOMYOPATHY  (Invited Lecture)
A.M. Gerdes, N.Y. Weltman, New York Institute of Technology,
Old Westbury, NY, USA

14:45  DNA TOPOISOMERASE II INHIBITORS INDUCE MACROPHAGE
ABCA1 EXPRESSION AND CHOLESTEROL EFFLUX---
AN LXR-DEPENDENT MECHANISM  (Invited Lecture)
L. Zhang, M. Jiang, Y. Shui, Y. Chen, Q. Wang, X. Ma, X. Li, M. Liu,
Y. Duan, J. Han, Nankai University, Tianjin, China

15:00  FAILURE TO OVEREXPRESS UROCORTIN FOLLOWING
CARDIOPLEGIC ARREST MAKES THE HEART OF DIABETIC PATIENTS
UNDERGOING ON-PUMP CORONARY ARTERY BYPASS GRAFTING
MORE SUSCEPTIBLE TO APOPTOSIS AND CARDIAC DYSFUNCTION
(Invited Lecture)
T.M. Scarabelli, St John Hospital & Medical Center/Wayne State University
SOM, Detroit, MI, USA

15:15  PI3K INHIBITORS AS NOVEL CANCER THERAPIES: IMPLICATIONS
FOR CARDIOVASCULAR MEDICINE  (Invited Lecture)
B. McLean, P. Zhabyeyev, E. Pituskin, I. Paterson, M.J. Haykowsky,
G.Y. Oudit, University of Alberta, Edmonton, AB, Canada

15:30  PROTEIN TRANSDUCTION DOMAINS; TARGETED VS.
NON-TARGETED TISSUE DELIVERY  (Invited Lecture)
M. Zahid, University of Pittsburgh, Pittsburgh, PA, USA

15:45  STEM CELLS INDUCED CARDIAC REGENERATION IN
DOXORUBICIN INDUCED CARDIOMYOPATHY  (Invited Lecture)
D. Singla, University of Central Florida, Orlando, FL, USA

16:00  MIR-24 UP-REGULATION UNDERLIES EXCITATION-CONTRACTION
UNCOUPLING IN HEART FAILURE
Peking University, Beijing, China

16:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
S30 Session
ARRHYTHMIA I: SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

Chair: J.R. Gimbel, Knoxville, TN, USA
C.A. Henrikson, Portland, OR, USA

Abstract No.

14:00 EFFECTS OF RESUSCITATION TIME ON OUTCOMES IN CARDIAC ARREST PATIENTS UNDERGOING THERAPEUTIC HYPOTHERMIA
Dartmouth Hitchcock Medical Center, NH, USA

14:15 HIGHLY LETHAL NKX2.5 MUTATION
J.L. Perera, N.M. Johnson, D.P. Judge, J.E. Crosson
Johns Hopkins University, Baltimore, MD, USA

14:30 DOES AZITHROMYCIN INCREASE THE RISK OF CARDIOVASCULAR DEATH? A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
R.F. Njoh, B. Njei, R. Vidhun
St. Mary’s Hospital, Waterbury, CT, USA

14:45 CLINICAL PROFILE, MANAGEMENT AND OUTCOME OF PATIENTS WITH OUT-OF-HOSPITAL CARDIAC ARREST (OHCA): INSIGHT FROM A 20-YEAR REGISTRY IN THE STATE OF QATAR
A.A. Patel, A.M. Arabi, H.A. Alzaeem, J.M. Alsuwaidi, H.H. Albinali, R.S. Singh, Hamad Medical Corporation, Doha, Qatar

15:00 META-ANALYSIS TO DETERMINE CRITICAL TASER BARB DISTANCE FOR MYOCARDIAL CAPTURE
T.A. Dewland, B.T. Young, P.N. Azadani, G.M. Marcus, A. Si, A. Soleimanirahbar, B.K. Lee
University of California San Francisco, San Francisco, CA, USA

15:15 LEFT VENTRICULAR PACING SHOULD BE AN OPTION IN PATIENTS UNDERGOING CARDIAC RESYNCHRONIZATION THERAPY
A. Singh, F. Cutcher, A. Tran, E. Bass
Phoenix Heart, Glendale, AZ, USA

15:30 TOPICAL ANTIBIOTIC AND SKIN ANTISEPTIC PROPHYLAXIS AFTER PLACEMENT OF CARDIAC ELECTRONIC IMPLANTABLE DEVICE (CEID): A PROSPECTIVE RANDOMIZED TRIAL
K. Khalighi, T.T. Aung, S. Thapamagar, S.R. Walker
Easton Hospital, Department of Medicine, Drexel University College of Medicine, Easton, PA, USA

15:45 IMAGING THE PM/AICD PATIENT; AN MRI NEURO-CARDIAC EFFICACY STUDY
R.W. Biederman, J.A. Yamrozik, G. Rayarao, D. Thompson, R.B. Williams, M. Sha, M. Doyle
Allegheny General Hospital, The Gerald McGinnis Cardiovascular Institute, Pittsburgh, PA, USA
16:00 ROLE OF IMPLANTABLE LOOP RECORDER IN THE MANAGEMENT OF ATRIAL FIBRILLATION
S.B. Thapamagar, E. Rakhshan, S. Sooklal, D.A. Mascarenhas
Easton Hospital, Easton, PA, and Drexel University, Philadelphia, PA, USA

16:15 STRATEGY OF CARDIOVERSION AND ANTI-ARRHYTHMIC DRUG THERAPY FOR ATRIAL FLUTTER/FIBRILLATION INDUCED TACHYCARDIA MEDIATED CARDIOMYOPATHY – A SINGLE CENTER EXPERIENCE
S. Vallurupalli, F. Shailesh, S. Kasula, S. Pant, M. Abed, H. Paydak
University of Arkansas for Medical Sciences, Little Rock, Arkansas

16:30 MICROBIOLOGICAL DIFFERENCES OF POCKET VS. NON-POCKET CARDIOVASCULAR IMPLANTABLE ELECTRONIC DEVICE INFECTIONS
A. Kaji, D.H. Lee, A. Kohut, S. Kutalek
Drexel University College of Medicine, Philadelphia, PA, USA
SUNDAY, JULY 28, 2013

16:45 – 19:00  Hall A

PL13  Plenary Session

CAN WE BUILD A BETTER MODEL: CVD RISK PREDICTION

Chairs:  M.A. Alpert, Columbia, MO, USA
         M.H. Criqui, La Jolla, CA, USA

Abstract No.

16:45  CORONARY ARTERY CALCIUM DENSITY AND CARDIOVASCULAR
       DISEASE EVENTS (Invited Lecture)
         M.H. Criqui, J.O. Denenberg, J.H. Ix, R.L. McClelland, C.L. Wassel,
         D.E. Rifkin, J.J. Carr, M.J. Budoff, M.A. Allison
         University of California, San Diego, La Jolla, CA, USA

17:00  CAROTID ULTRASOUND EVALUATION OF SUBCLINICAL
       ATHEROSCLEROSIS IN 2013: PROGRESS AND PITFALLS  (Invited Lecture)
         J.M. Gardin, Hackensack University Medical Center, Hackensack, NJ, USA

17:15  IS DIABETES REALLY A CORONARY HEART DISEASE RISK
       EQUIVALENT?  (Invited Lecture)
         N.D. Wong, University of California, Irvine, CA

17:30  RISK FACTORS FOR CARDIOVASCULAR DISEASE IN PATIENTS
       WITH CHRONIC KIDNEY DISEASE  (Invited Lecture)
         M.A. Alpert, University of Missouri-Columbia, Columbia, MO, USA

17:45  THE HIGH CORONARY DISEASE RISK OF SOUTH ASIAN AMERICANS
       (Invited Lecture)
         A.L. Klatsky, Kaiser Permanente Medical Center, Oakland, CA, USA

18:00  MENTAL STRESS INDUCED MYOCARDIAL ISCHEMIA AND ITS
       TREATMENT  (Invited Lecture)
         W. Jiang, Duke University Medical Center, Durham, NC, USA

18:15  BIDIRECTIONAL RISKS OF CARDIOVASCULAR DISEASE AND
       COGNITIVE IMPAIRMENT  (Invited Lecture)
         K. Alagiakrishnan, University of Alberta, Edmonton, Alberta, Canada

18:30  ARE GENDER DIFFERENCES IN HEART DISEASE MORE
       SIGNIFICANT THAN THE SIMILARITIES?  (Invited Lecture)
         S. Malik, University of California, Irvine, CA, USA

18:45  BODY MASS INDEX AS PREDICTOR OF TOTAL AND CARDIAC
       MORTALITY IN PATIENTS WITH CARDIOVASCULAR DISEASE:
       A META ANALYSIS OF 49 STUDIES
         A. Sharma, E Lichstein, S Chatterjee
         Maimonides Medical Center, Brooklyn, NY, USA

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SUNDAY, JULY 28, 2013
16:45 – 18:45  Hall B

S31  Session
THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

Chairs:  J.N. Bella, Bronx, NY, USA
N. Maulik, Farmington, CT, USA

Abstract No.

16:45  DIFFERENCES IN PLATELET microRNA PROFILES AFTER ASPIRIN USE ARE ASSOCIATED WITH DIFFERENCES IN WHOLE BLOOD AGGREGATION AND MIGHT IDENTIFY ASPIRIN RESISTANCE
M.G. Kok, C. Mandolini, R. Nieuwland, E.E. Creemers, J.C. Meijers, S.J. Pinto-Sietsma, Academic Medical Centre, Amsterdam, The Netherlands

17:00  ASSOCIATION STUDY OF 10 SELECTED GENE VARIANTS WITH ANGIOGRAPHIC SEVERITY OF CORONARY ARTERY DISEASE
M. Javorsky, V. Vitanov, L. Klimcakova, J. Zidzik, V. Habalova, E. Babjakova, R. Tkacova, J. Salagovic, B. Stancak, I. Tkac Safarik University, Department of Medicine, Kosice, Slovakia

17:15  GENETIC VARIANTS IN FBN-1 AND RISK FOR THORACIC AORTIC DISSECTION AND NON-DISSECTING ANEURYSM: THE YALE STUDY

17:30  MACROPHAGES TRANSMIT POTENT PROANGIOGENIC EFFECTS OF oxLDL IN VITRO AND IN VIVO INVOLVING HIF-1α ACTIVATION: A NOVEL ASPECT OF ANGIOGENESIS IN ATHEROSCLEROSIS
R. Hutter, W.S. Speidl, C. Valdiviezo, B. Sauter, R. Corti, V. Fuster, J.J. Badimon The Cardiovascular Institute, Mount Sinai School of Medicine, New York, NY, USA

17:45  A GENETIC RISK SCORE FOR ATRIAL FIBRILLATION IS ASSOCIATED WITH CARDOEMBOLIC STROKE

18:00  THE ASSOCIATION OF A GENETIC RISK SCORE WITH ATRIAL FIBRILLATION IN TWO HYPOTHETICAL POPULATIONS

18:15  A NOVEL LAMIN A/C MUTATION IN A DUTCH FAMILY WITH PREMATURE ATHEROSCLEROSIS

18:30  MIR-301A OVER-EXPRESSION IN BONE-MARROW DERIVED MESENCHYMAL STEM CELLS: DIFFERENTIATION VERSUS PROLIFERATION
A.L. Müller, J. Klassen, S. Neumann, M. Guirgis, M. Ngo, Y. Li, D.H. Freed St. Boniface Research Centre; University of Manitoba, Winnipeg, Canada
THE EFFECTS OF GENDER, CALCIUM CHANNEL BLOCKERS AND DIGOXIN ON DOFETILIDE THERAPEUTIC EFFICACY AND OUTCOMES: AN ACAP-TIKOSYN REGISTRY ANALYSIS

St. Luke's and Roosevelt Hospitals, University Hospitals of Columbia University, Columbia University College of Physicians and Surgeons, New York, USA

INTEGRATED CHRONIC CARE MANAGEMENT IN PATIENTS WITH ATRIAL FIBRILLATION: AN EFFECTIVE TREATMENT STRATEGY

Maastricht University Medical Centre, Maastricht, The Netherlands

INITIAL EXPERIENCE WITH THREE-DIMENSIONAL ANATOMICAL MAPPING DURING CARDIAC PACING LEAD EXTRACTION

B.L. Nguyen, A. Persi, S. Poggi, G. Rittano, A. Piro, C. Gaudio, G. Giunta, A. Ciccaglioni, R.J. Siegel, E.S. Gang
Cardiology Dept, Sapienza University of Rome, Italy

AF SURVEILLANCE POST AF ABLATION USING ImPLANTABLE CARDIAC MONITOR

Sparrow Clinical Research Institute, Lansing, MI, USA

FREQUENCY OF ATRIO-VENTRICULAR BLOCK COMPLICATING ST ELEVATION MYOCARDIAL INFARCTION

J. Nealis, A. Mironov, C. Mitre, A. Budzikowski, J. Kassotis
SUNY Downstate Medical Center, Brooklyn, N.Y. USA

ENHANCED ABLATION IN PULMONARY VEIN ANTRUM GUIDED BY MAGNETIC NAVIGATION IMPROVES LONG-TERM OUTCOME OF PAROXYSMAL ATRIAL FIBRILLATION

Institute of Geriatric Cardiology, PLA General Hospital, Beijing, China

RADIOFREQUENCY CATHETER ABLATION VERSUS CRYOABLATION THERAPY FOR TREATMENT OF ATRIAL FLUTTER

S. Aggarwal, R.S. Loomba, T.K. Shah, S. Khosla, R.R. Arora
Chicago Medical School, North Chicago, IL, USA

PHARMACOLOGICAL CONVERSION OF RECENT ONSET ATRIAL FIBRILLATION: A RANDOMIZED STUDY OF PROPafenONE AND AMIODarone

H.S. Taha, M.S. Mashaal, R.M. Omar
Faculty of Medicine, Cairo University, Cairo, Egypt
SUNDAY, JULY 28, 2013

S32  
Session  
ARRHYTHMIA II: DIAGNOSIS, DRUG THERAPY, ABLATION (continued)

Abstract No.

18:45  
SAFETY AND FEASIBILITY OF ADENOSINE ADMINISTRATION DURING HYBRID ATRIAL FIBRILLATION ABLATION TO TEST DORMANT PULMONARY VEIN CONDUCTION  
L.A.F.G. Pison, N. Kumar, Y. Blaauw, K. Vernooy, J. Maassen, H.J. Crijns, M. La Meir  
Maastricht University Medical Centre, Maastricht, Netherlands

19:00  
THROMBOLYSIS OF LEFT ATRIAL APPENDAGE THROMBUS PRIOR TO CARDIOVERSION OR LEFT ATRIAL CIRCUMFERENTIAL ABLATION: A SAFE ALTERNATIVE TO PROLONGED ANTICOAGULATION IN AN URGENT SETTING?  
J. Basu, J. Martin, A. Malhotra, K. Rajappan, Y. Bashir  
Oxford Heart Centre, John Radcliffe Hospital, Oxford, UK

19:15  
COMPLICATIONS OF TRANSSEPTAL ACCESS IN PEDIATRIC AND CONGENITAL ELECTROPHYSIOLOGY PROCEDURES  
J.C. von Alvensleben, M.D. Dick II, D.J. Bradley, O.H. Alam, M.J. LaPage  
University of Michigan, Ann Arbor, MI, USA

19:30  
RP INTERVAL DURATION IN SURFACE EKG DURING TYPICAL AVNRT IN ELDERLY PATIENTS  
J. Misiri, C.B. Kauffman, F. Kusumoto  
Mayo Clinic, Rochester, MN, USA
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<td>349</td>
<td>STENT STRUT COVERAGE ON FOLLOW-UP OPTICAL COHERENCE TOMOGRAPHY ACCORDING TO THE TYPES OF STATINS OR LOW DENSITY LIPOPROTEIN CHOLESTEROL LEVEL AFTER DRUG-ELUTING STENT IMPLANTATION</td>
<td>B.K. Kim, Y. Suh, J.S. Kim, D.H. Shin, Y.G. Ko, D. Choi, J. Jang, M.K. Hong</td>
<td>Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Korea</td>
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<td>350</td>
<td>THE ANATOMICAL SIGNIFICANCE OF EARLY NORMALIZATION OF THE ST DEPRESSION IN THE RECOVERY PERIOD</td>
<td>R. Chow, S. Chan, K. Gin, M. Gao, M. Bennett</td>
<td>University of British Columbia, Vancouver, BC, Canada</td>
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<td>3</td>
<td>351</td>
<td>EXAMINATION OF CAVI MEASUREMENT IN PATIENTS UNDERGOING INITIAL CORONARY ANGIOGRAPHY</td>
<td>J. Ando, M. Myojyo, T. Tanaka, A. Kiyosue, Y. Higashikuni, M. Takahashi, H. Fujita, H. Yamashita, I. Komuro</td>
<td>The University Tokyo Hospital, Tokyo, Japan</td>
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<td>IS D DIMER TEST RELIABLE FOR DIAGNOSIS OF DEEP VENOUS THROMBOSIS?</td>
<td>T. Kon, T. Kurosu, Y. Sugiyama, J. Suzuki, E. Matsubara, T. Matsubara, T. Tomaru</td>
<td>Toho University Medical Center Sakura Hospital, Japan</td>
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<td>353</td>
<td>GLOBAL LONGITUDINAL STRAIN SPECKLE TRACKING IN CONSIDERING ADVERSE CARDIOVASCULAR EVENTS DURING FOLLOW SHORT TERM IN PATIENTS WITH ACUTE CORONARY SYNDROME.</td>
<td>E. Ruiz, I. Marquez, W. Guanipa.</td>
<td>“Dr. Domingo Luciani” Hospital, IVSS. Caracas, Venezuela</td>
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<td>6</td>
<td>354</td>
<td>USEFULNESS AND LIMITATION OF ANKLE-BRACHIAL INDEX FOR DIAGNOSIS OF PERIPHERAL ARTERY DISEASE</td>
<td>M. Yamada, J. Suzuki, Y. Sugiyama, T. Matsubara, T. Kon, T. Kurosu, T. Tomaru</td>
<td>Toho University Medical Center Sakura Hospital, Sakura, Japan</td>
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| 7        | 054         | THE EFFECT OF THE LUNAR CYCLE ON ADMISSIONS FOR ACUTE CORONARY SYNDROMES TO A TERTIARY HEART HOSPITAL | J.M. Katz, S. Pollack, **A.S. Katz**  
St. Francis Hospital-The Heart Center, Roslyn, NY, USA |                                                                                  |
| 8        | 355         | EFFECTS OF RADIAL ARTERY ANATOMICAL VARIATIONS ON TRANSRADIAL CARDIAC CATHETERIZATION | **W.I. Khalife**, S. Gilani, A. Charif, M. Bheemarasetti, A. Al Emam, A. Kumar, S. Sudhakar, University of Texas Medical Branch, Galveston, TX, USA |                                                                                  |
| 10       | 357         | ENDOVASCULAR STENT MANAGEMENT OF ATHEROSCLEROTIC CAROTID ARTERY ANEURYSMAL DISEASE | **G.A. Delgado**, A.G. Truesdell, S.S. Madiraju, P.A. Soukas  
Brown University, Providence, Rhode Island, USA |                                                                                  |
University Hospital Santiago de Compostela, Spain Compostela, Spain |                                                                                  |
<p>| 12       | 359         | THE POSITIVE INFLUENCE OF EARLY TRAINING IN THE COMFORT LEVEL OF DOING DIAGNOSTIC ANGIOGRAPHY BY RADIAL ACCESS IN COMPARISON TO FEMORAL ACCESS | <strong>S. Gilani</strong>, M. Bheemarasetti, S. Selvin, A. Kumar, A.A. Al Emam, S. Onguti, S. Cherry, A. Charif, W.I. Khalife, University of Texas Medical Branch, Galveston, TX, USA |                                                                                  |
| <strong>P403</strong> |             | <strong>LIPIDS, LIPOPROTEIN DISORDERS AND CAD / TREATMENT OF DYSLIPOPROTEINEMIA</strong> |                                                                                      |                                                                                  |
| 13       | 360         | EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME | <strong>S.H. Kim</strong>, H.L. Lee, G.J. Ahn, H.L. Kim, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim, Seoul Boramae Medical Center, Seoul National University College of Medicine, Seoul, Korea |                                                                                  |
| 14       | 361         | THE EVALUATION OF THE USE OF A LIPID TRACKING MATRIX TO IMPROVE PROVIDER ADHERENCE TO LIPID GUIDELINES | <strong>D. Ladd</strong>, S. McCrone, L. Hardman, Respiratory Motion Inc., USA |                                                                                  |</p>
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<td>BLOOD PRESSURE (BP) RESPONSE TO EXERCISE IN PATIENTS WITH END STAGE RENAL FAILURE: IMPACT OF AUTONOMIC NEURAL CONTROL MECHANISMS</td>
<td>N Arat, E Ermiği, S Kahraman, B Kurt, S Apaydin, C Ciftci</td>
<td>Istanbul Bilim University, Department of Cardiology, Istanbul, Turkey</td>
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<td>PARTICIPATION OF SENSORY NERVES IN DIFFERENT MODELS OF FRUCTOSE-INDUCED AND NO-DEFICIENT HYPERTENSION</td>
<td>V.K. Spiridonov, Z.S. Tolochko, T.A. Korolenko</td>
<td>Institute of Physiology, SB RAMS, Novosibirsk, Russia</td>
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<td>SOME ISSUES ON ARTERIAL HYPERTENSION HEALTH CARE SERVICE IN MONGOLIA</td>
<td>B. Badrakh, O. Radnaa, C. Ochir, B.Vanchin</td>
<td>Health Sciences University of Mongolia, School of Medicine, Mongolia</td>
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<td>SYNERGIC EFFECTS OF LEVAMLODIPINE AND BISOPROLOL ON BLOOD PRESSURE REDUCTION, ORGAN PROTECTION AND STROKE PROTECTION IN RATS</td>
<td>G.Z Huang, Shanghai Sixth People’s Hospital</td>
<td>Shanghai, China</td>
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<td>MALIGNANT HYPERTENSION WITH THROMBOTIC MICROANGIOPATHY</td>
<td>R. Sekar, Khoo Teck Puat Hospital, Singapore</td>
<td>Canton, OH, USA</td>
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<td>IMPACT OF HYPERTENSION ON CARDIAC FUNCTION AND EXERCISE CAPACITY IN WOMEN</td>
<td>M.S. Shin, B.R. Kim, J.G. Seo, J.G. Moon, W.J. Chung, T.H. Ahn</td>
<td>Gachon University Gil Hospital, Incheon, Korea</td>
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<td>HYPERTENSIVE EMERGENCIES IN WINTERS</td>
<td>M.A. Zulqarnain, A. Ahmed, U. Exechukwu, D. Beard</td>
<td>Canton Medical Education Foundation, Canton, OH, USA</td>
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24 **BODY MASS INDEX AND ALL-CAUSE MORTALITY IN PATIENTS DIAGNOSED WITH PULMONARY EMBOLISM**  
P. Charoenpong, P. Nambiar, A. Hussaini, C. Clarke  
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

25 **IMPACT OF CPAP TREATMENT ON EKG FINDINGS IN PATIENTS WITH SIGNIFICANT OBSTRUCTIVE SLEEP APNEA**  
A.A. Almomani, W.I. Khalifeh, A. Aljaafareh, A. Charif, S. Onguti, M. Alghrouz, S. Jokhio, A. Kumar  
University of Texas Medical Branch, Galveston, TX, USA

26 **QRS COMPLEX MORPHOLOGY IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA**  
V. Christos, L. Bacharova, R. Tisko, R. Tkacova  
International Laser Center, Bratislava, Slovakia

27 **USE OF A RESPIRATORY VOLUME MONITOR TO ASSESS RESPIRATORY COMPETENCE IN CARDIAC SURGERY PATIENTS AFTER EXTUBATION**  
S. Ianchulev, D. Ladd, C.M. MacNabb, N. Marengi, E. Cho, J. Freeman  
West Virginia University, Morgantown, WV, USA

28 **STATINS THERAPY AND THE SEVERITY OF PULMONARY EMBOLISM**  
P. Charoenpong, K. Shahwan, N. Poowanawittayakom, C. Clarke  
Advocate Illinois Masonic Medical Center, Chicago, IL, USA

29 **IMPACT OF OBSTRUCTIVE SLEEP APNEA ON THE HEART STRUCTURE BY ECHOCARDIOGRAPHY FINDINGS**  
A.A. Almomani, W.I. Khalifeh, A. Aljaafareh, A. Charif, S. Onguti, M. Alghrouz, S. Jokhio,  
University of Texas Medical Branch, Galveston, TX, USA

30 **SILDENAFIL DECREASES PULMONARY HYPERTENSION AFTER ACUTE PULMONARY EMBOLISM IN CHRONIC HYPOXIA**  
R. Mizera, D. Hodyc, J. Herget  
2nd Medical School, Charles University, Prague, Czech Republic
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MONDAY, JULY 29, 2013

08:30 – 10:45  Hall A

PL14  Plenary Session
THE KIDNEY, BLOOD PRESSURE AND HYPERTENSION MANAGEMENT

Chairs:  
W.S. Aronow, Valhalla, NY, USA
A.H. Danser, Rotterdam, The Netherlands

Abstract No.

08:30  ROLE OF INGESTION-TIME OF RENIN-ANGIOTENSIN BLOCKADE FOR REDUCING BLOOD PRESSURE AND CARDIOVASCULAR RISK  (Invited Lecture)
R.C. Hermida, D.E. Ayala, University of Vigo, Vigo, Spain

08:45  RENAL DENERVATION IN HYPERTENSION AND MORE?  (Invited Lecture)
F. Mahfoud
Universitätsklinikum des Saarlandes, Homburg/Saar, Germany

09:00  DUAL RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITION: TOO MUCH OF A GOOD THING?  (Invited Lecture)
A.H. Danser, Erasmus Medical Center, Rotterdam, The Netherlands

09:15  OPTIMAL BLOOD PRESSURE GOALS IN PATIENTS AT HIGH RISK FOR CARDIOVASCULAR EVENTS  (Invited Lecture)
W.S. Aronow, New York Medical College, Valhalla, NY, USA

09:30  NOVEL TECHNOLOGIES TO MANAGE BLOOD PRESSURE IN PATIENTS WITH AUTONOMIC DYSFUNCTION  (Invited Lecture)
Vanderbilt University School of Medicine, Nashville, TN, USA

09:45  USE OF AMBULATORY BLOOD PRESSURE MONITOR (ABPM) FOR GUIDING CARDIAC PATIENTS MANAGEMENT  (Invited Lecture)
Y. Charuzi, R. Gao, J. Mirocha, UCLA School of Medicine, CA, USA

10:00  CHRONOTHERAPY WITH LOW-DOSE ASPIRIN FOR PREVENTION OF COMPLICATIONS IN PREGNANCY  (Invited Lecture)
D.E. Ayala, R.C. Hermida, Campus Universitario, Vigo, Spain

10:15  HYponATREMIA IN PATIENTS WITH ACUTE DECOMPENSATED HEART FAILURE TREATED WITH ULTRAFILTRATION
J.A. Caballero, I. Dumitru, J.M. Mack, J.R. Windle, B.D. Lowes, E. Rome, E. Raichlin, University of Nebraska Medical Center, Omaha, Nebraska, USA

10:30  PROCEDURAL PARAMETERS DURING RENAL DENERVATION AND CHANGE OF BLOOD PRESSURE IN PATIENTS WITH RESISTANT HYPERTENSION
C. Ukena, F. Mahfoud, O. Adam, M. Dalinghoff, B. Cremers, M. Boehm
Universitätsklinikum des Saarlandes, Homburg/Saar, Germany

10:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 29, 2013

08:30 – 11:00  Hall B

PL15  Plenary Session
ADVANCES IN THE TREATMENT AND MANAGEMENT OF HEART FAILURE

Chairs:  U. Elkayam, Los Angeles, USA
        H.N. Sabbah, Detroit, MI, USA

08:30   SIMULTANEOUS MEASUREMENT OF MULTIPLE CIRCULATING microRNAs IMPROVES PROGNOSTICATION IN SUBJECTS WITH HEART FAILURE  (Invited Lecture)
        A. Bayes-Genis, J. Lupon, J.J. Leenders, S.J. Pinto-Sietsma,
        Y.M. Pinto
        Heart Centre at the University of Amsterdam, Amsterdam, The Netherlands

08:45   A NEW THERAPY FOR DIASTOLIC HEART FAILURE  (Invited Lecture)
        E.M. Jeong, M.M. Monasky, L. Gu, D.M. Taglieri, B.G. Patel, H. Liu,
        Q. Wang, I. Greener, R.J. Solaro, S.C. Dudley
        University of Illinois at Chicago, Chicago, IL, USA

09:00   PARTIAL ADENOSINE A1-RECEPTOR AGONISTS FOR THE TREATMENT OF HEART FAILURE  (Invited Lecture)
        H.N. Sabbah, Henry Ford Heart & Vascular Institute, Detroit, MI, USA

09:15   ENHANCING GLUCOSE OXIDATION AS AN APPROACH TO TREAT HEART FAILURE  (Invited Lecture)
        G. Lopaschuk, University of Alberta, Edmonton, AB, Canada

09:30   ULTRAFILTRATION IN THE TREATMENT OF VOLUME OVERLOAD DUE TO HEART FAILURE  (Invited Lecture)
        U. Elkayam, University of Southern California, Keck School of Medicine,
        Los Angeles, CA, USA

09:45   ROLE OF PERITONEAL DIALYSIS IN MANAGEMENT OF HEART FAILURE: AN UPDATE FOR 2013  (Invited Lecture)
        A. Kazory, University of Florida, Gainesville, FL, USA

10:00   CATHETER ABLATION IN PATIENTS WITH ELECTRICAL STORM – BENEFIT OF A CLINICAL NETWORK  (Invited Lecture)
        T. Deneke, K. Nentwich, J. Krug, S. Kerber, A. Schade
        University of Bochum, Bochum, Germany

10:15   BIOMARKER SOLUTIONS FOR HEART FAILURE AND COPD MANAGEMENT  (Invited Lecture)
        K. Lam, B.M. McManus
        PROOF Center of Excellence, Vancouver, BC, Canada
MONDAY, JULY 29, 2013

PL15  Plenary Session
ADVANCES IN THE TREATMENT AND MANAGEMENT OF HEART FAILURE  (continued)

Abstract No.

10:30  PREDOMINANT DIFFERENTIAL CAUSE OF DYSPNEA IN ATRIAL FIBRILLATION AND COINCIDENT COPD. INFLAMMATION, LATENT ISCHEMIA AND MYOCARDIAL DYSFUNCTION, THROMBOGENESIS, APOPTOSIS AND CARDIOVASCULAR REMODELING OR RESPIRATORY IMPAIRMENT?  (Invited Lecture)
I. Angomachalelis, G. Kyriazis, N.J. Angomachalelis, Aristotle University, School of Medicine, Thessaloniki, Macedonia, Greece

10:45  EFFICACY AND SAFETY OF IVABRADIN IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY  (Invited Lecture)
S. Chumburidze, Scientific Research Clinic of Therapy, Tbilisi, Rep. of Georgia

11:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION

08:30 – 11:15  Hall C

S33  Session
INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI

Chairs:  Y. Birnbaum, Houston, TX, USA
         W. Bommer, Davis, CA, USA

08:30  BENEFITS AND RISKS OF LONG-TERM DURATION OF DUAL ANTIPLATELET THERAPY AFTER DRUG-ELUTING STENTING: A META-ANALYSIS OF RANDOMIZED TRIALS
Istituto Clinico Humanitas, Rozzano, Italy

08:45  CHARACTERISTICS OF PATIENTS WITH POST PCI HYPER-RESPONSIVENESS TO CLOPIDOGREL
E. Asher, P. Anarado, R. Brauch, A. Ka Chun Chan, M. Mayuga, M. Bradley, D.I. Simon, T. Lassar
Case Medical Center, University Hospitals, Cleveland Ohio, USA

09:00  CO-EXISTENCE OF HYPO-RESPONSIVENESS TO ASPIRIN AND CLOPIDOGREL IN EMERGENCY ROOM IN PATIENTS WITH CORONARY ARTERY STENTING
University of Arkansas for Medical Sciences, Little Rock, AR, USA

09:15  ANTIPLATELET DRUG RESISTENCE IN ASIAN POPULATION
G. Vijayaraghavan, P. Sadath
Kerala Institute of Medical Sciences, Trivandrum, Kerala, India
MONDAY, JULY 29, 2013

S33  Session
INTERVENTIONAL CARDIOLOGY / ANTITHROMBOTIC AND ANTIPLATELET THERAPY FOR PCI (continued)

Abstract No.

09:30  BLEEDING COMPLICATIONS WITH PERCUTANEOUS CORONARY INTERVENTION: A COMPARISON OF BIVALIRUDIN AND EPTIFIBATIDE
S. Kohli, R.J. Campbell, M.A. Kjelsberg, A.K. Saal
Henry Ford Hospital, Detroit, MI, USA

09:45  BLEEDING WITH CONCURRENT USE OF ANTICOAGULANTS IN TRANSRADIAL PERCUTANEOUS CORONARY INTERVENTION – THE BART ANALYSIS
S. Adusumalli, A.K. Chagarlamudi, M. Patwardhan, G.S. Harris, R. Daggubati
East Carolina Heart Institute, Greenville, NC, USA

10:00  MRI AND ELECTROCARDIOGRAM IN EVALUATION OF HOMOGENEOUS INFARCT, PATCHY MICROINfarCT AND THE COMBINATION
L. Do, M.W. Wilson, J. Murayama, C. Stillson, S.W. Hetts, M. Saeed
University of California San Francisco, San Francisco, CA, USA

10:15  IMPACT OF RENAL INSUFFICIENCY ON 30-DAY OUTCOMES IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION TREATED WITH PRIMARY PERCUTANEOUS CORONARY INTERVENTION
Kokura Memorial Hospital, Kitakyushu, Japan

10:30  INDICATIONS AND SURVIVAL OF 90 YEAR OLDS UNDERGOING CORONARY ANGIOGRAPHY
S.A. Agha, M.S Sidhu, J. Rollor, J. Brown, S. Conley, N. Niles, D. Malenka, J. Robb
Dartmouth Hitchcock Medical Center, Geisel School of Medicine, Lebanon NH, USA

10:45  EARLY STRINGENT GLYCEMIC CONTROL IMPROVES REPERFUSION IN PATIENTS WITH ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION
Y.Y. Abdelmonem, Y. Sharaf, H. Kandil, S. El Tobgi
Kasr Alaini Medical School, Cairo, Egypt

11:00  COMPARING OUTCOMES IN MYOCARDIAL INFARCTION (NSTEMI) EARLY VERSUS DELAYED LEFT HEART CATHETERIZATION (COMED TRIAL)
M.A. Farooqui, S. Adusumalli, G. Harris, R. Daggubati
East Carolina University, Greenville, NC, USA

11:15  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
Plenary Session
CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROMES

Chairs:  
G.W. Barsness, Rochester, MN, USA  
Y. Ueda, Osaka, Japan

11:15  THE COMPLICATED STEMI: WHAT TO DO WITH MULTIVESSEL DISEASE (Invited Lecture)  
G.W. Barsness, Mayo Clinic, Rochester, MN, USA

11:30  FFR AT 2013: AN UPDATE (Invited Lecture)  
E. Kaluski  
Guthrie Health Services & NJ Medical School, Sayre, PA, USA

11:45  HIGH SENSITIVITY TROPOINNS: A STEP FORWARD OR AN UNREQUESTED COMPLICATION? (Invited Lecture)  
L. M. Biasucci, Policlinico A. Gemelli, Catholic University of the Sacred Heart Largo, Rome, Italy

12:00  WHY ACS OCCURS AND HOW WE CAN PREVENT IT (Invited Lecture)  
Y. Ueda, Osaka Police Hospital, Tennoj-ku, Osaka, Japan

12:15  TRENDS IN MANAGEMENT AND OUTCOME OF PATIENTS WITH ACUTE CORONARY SYNDROMES IN THE LAST DECADE: THE ACS ISRAELI SURVEY (ACSIS) EXPERIENCE (Invited Lecture)  
S. Gottlieb, Jerusalem, Israel

12:30  PREVENTION OF REPERFUSION INJURY IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION: THE CGMP PATHWAY (Invited Lecture)  
D. Garcia-Dorado, Vall d’Hebron University Hospital and Research Institute Universitat Autònoma de Barcelona, Barcelona, Spain

12:45  FEMORAL OR RADIAL ACCESS FOR PRIMARY PCI: A DILEMMA OF CHOICE (Invited Lecture)  
A.N. Cheema, St. Michael’s Hospital, Toronto, ON, Canada

13:00  PROTECTIVE EFFECT OF TELMISARTAN AGAINST ENDOTHELIAL DYSFUNCTION AFTER CORONARY DRUG-ELUTING STENT IMPLANTATION IN HYPERTENSIVE PATIENTS (Invited Lecture)  
Toyohashi Heart Center, Toyohashi, Japan
MONDAY, JULY 29, 2013

11:15 – 14:00  Hall B

S34  Session
HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS

Chair:  G. Lopaschuk, Edmonton, AB, Canada
S. Schaefer, Davis, CA, USA

Abstract No.

11:15 INCIDENT HEART FAILURE MORTALITY ACCORDING TO RACE AND SEX AMONG OLDER ADULTS FROM THE CARDIOVASCULAR HEALTH STUDY
S. Parashar, R. Katz, N.L. Smith, A.A. Arnold, V. Vaccarino, N. Wenger, J.S. Gottdiener, Emory University, Atlanta, Georgia, USA

11:30 FACTORS AFFECTING MINNESOTA LIVING WITH HEART FAILURE SCORE
V. Mundra, A. Trombley, R. Kacere
St John Medical Center, Tulsa, OK, USA

11:45 MARKED ELEVATION OF B-TYPE NATRIURETIC PEPTIDE IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION
S. Tate, A. Griem, C. Watt, S. Schaefer, University of California, Davis USA

12:00 RISK FACTORS FOR 30-DAY READMISSION FOR ACUTE DECOMPENSATED HEART FAILURE: A HOSPITAL BASED STUDY
St. Mary’s Hospital, Waterbury, CT, USA

12:15 A META-ANALYSIS ON THE EFFECTS OF TOLVAPTAN IN PATIENTS WITH CHRONIC HEART FAILURE
P.C. Ines, F.L. Fernandez, F.L. Catalan, I.L. Celedonio, F.A. Atibagos
Adult Cardiology, Philippine Heart Center

12:30 PROTEINURIA AND RENAL DYSFUNCTION AS PREDICTORS OF DIASTOLIC DYSFUNCTION
P. Rodriguez-Lozano, W.I. Khalife, M. Morsy, S. Mutnuri, A. Khan
UTMB, Galveston, TX, USA

12:45 DIAGNOSTIC VALUE OF N-TERMINAL PROBNP BIOMARKER IN EVALUATION OF CONGESTIVE HEART FAILURE
R.K. Sharma, A. Aggarwal, S.W. Erickson, R. Sharma, D.J. Voelker, H. Dod, H.K. Reddy
University of Arkansas for Medical Science, Little Rock, Arkansas, USA

13:00 HYPERKALEMIA AMONG HOSPITALIZED PATIENTS WITH ACE INHIBITORS AND ANGIOTENSIN-II RECEPTOR BLOCKER THERAPY
New York Medical College, Valhalla, NY, USA

13:15 VALUE OF STATINS IN CONGESTIVE HEART FAILURE PATIENTS WITH ELEVATED HIGH SENSITIVITY C-REACTIVE PROTEIN
H.S. Taha, H.G. Elhossary, A.A. Heiba
Faculty of Medicine, Cairo University, Cairo, Egypt
S34  Session
HEART FAILURE: NOVEL RISK FACTORS, BIOMARKERS, PREVENTION AND NEW TREATMENT OPTIONS (continued)

Abstract No.

13:30  FACTORS PREDICTING 6 MINUTE WALK TEST IN PATIENTS WITH STABLE HEART FAILURE
V. Mundra, A. Trombley, R. Kacere, St. John Medical Center, Tulsa, OK, USA

13:45  EPICARDIAL ADIPOSE TISSUE THICKNESS AS ASSESSED BY ECHOCARDIOGRAPHY & DIASTOLIC LEFT VENTRICULAR FUNCTION
M. Kaushik, V.M. Alla, A. Saurav, A. Smer, R. Madan, S. Khan, C. Hunter, M. Holmberg, S.M. Mohiuddin
Creighton University School of Medicine, Omaha NE, USA
MONDAY, JULY 29, 2013

11:15 – 14:15  Hall C

S35  Session

OBESITY, METABOLIC SYNDROME AND DIABETES, BASIC AND CLINICAL

Chairs:  A.L. Klatsky, Oakland, CA, USA
         J.J. Mahmarian, Houston, TX, USA

Abstract No.

11:15  SCREENING FOR ASYMPTOMATIC CORONARY ARTERY DISEASE: SEEKING VALUE IN A MULTI-MODALITY WORLD  (Invited Lecture)

J.J. Mahmarian, Methodist DeBakey Heart & Vascular Center, The Methodist Hospital, Houston, TX, USA

11:30  SILENCING CLC-3 PREVENTS APOPTOSIS INDUCED BY PALMITATE IN PREADIPOCYTES THROUGH THE ER STRESS PATHWAY, A POTENTIAL LINK BETWEEN OBESITY AND INSULIN RESISTANCE

Y.Y. Huang, J.Y. Du, H.S. Sun, Y.Y. Guan, G.L. Wang
Sun Yat-sen University, Guangzhou, Guangdong, People’s Republic of China

11:45  GLUCOSE-INSULIN-POTASSIUM IMPROVES CARDIAC PERFORMANCE VIA INHIBITING HEXOSAMINE BIOSYNTHESIS IN PATIENTS UNDERGOING CARDIOPULMONARY BYPASS

Xijing Hospital, Fourth Military Medical University, Xi’an, Shaanxi, China

12:00  DOES DIABETES CAUSE ATRIAL FIBRILLATION?

M.M Ansari, S. Baghi, W. Park, S. Shah, S. Garyali, C. Nedelcu, K. Ong
NYP/BHC- Weill Cornell, USA

12:15  EPICARDIAL ADIPOSE TISSUE: PREDICTOR OF METABOLIC SYNDROME IN THE ELDERLY

Hofstra North Shore LIJ School of Medicine, Manhasset, NY, USA

12:30  SYNERGISTIC RELATIONSHIP WITH THE RISK OF CARDIOVASCULAR EVENTS BETWEEN DIABETES AND AMBULATORY BLOOD PRESSURE

University of Vigo, Vigo, Spain

12:45  GLOBAL LONGITUDINAL STRAIN IS ALTERED IN DIABETES MELLITUS PATIENTS WITH NORMAL EJECTION FRACTION, STRATIFIED BY BMI: A SPECKLE TRACKING ECHOCARDIOGRAPHY STUDY

V. Di Bello, L. Conte, I. Fabiani, C. Cucco, R. L. Bajwa, C. Bianchi, R. Miccoli, M.G. Delle Donne, M. Mariani
University of Pisa, Pisa, PI, Italy

13:00  BARIATRIC SURGERY VERSUS NON-SURGICAL TREATMENT FOR OBESITY: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

University Hospital Basel, Switzerland
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V.S.N. Janaswamy, J. Maddury, M. Manohar, R. Sahay
Osmania Hospital, Hyderabad, India

13:30 INDIVIDUALS WITH CORONARY ARTERY DISEASE AT A YOUNG AGE AND FEATURES OF THE METABOLIC SYNDROME HAVE AN INCREASED PROTHROMBOTIC POTENTIAL
M.G. Kok, J.C. Meijer, S.J. Pinto-Sietsma
University of Amsterdam, Academic Medical Centre, Amsterdam, The Netherlands

13:45 PREVALENCE OF PERIPHERAL ARTERIAL DISEASE (PAD) BY MEANS OF ABI IN ASYMPTOMATIC TYPE II NORTH INDIAN DIABETICS AND ITS CORRELATION WITH CARDIOVASCULAR RISK MARKERS
R. Kapoor, R. Duggal, S. Kapoor, R. Kapoor
Carewell Heart & Superspeciality Hospital, Amritsar, Punjab, India

14:00 EFFECT OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 ANTAGONISM ON ADIPOSITY IN OBESE MICE
H.R. Lijnen, I. Scroyen
Center for Molecular and Vascular Biology, KULeuven, Leuven, Belgium
**P501  VASCULAR BIOLOGY, BASIC RESEARCH**

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**P502  CARDIOVASCULAR IMAGING: NUCLEAR CARDIOLOGY, CARDIAC CT AND MRI**

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P506  VALVULAR HEART DISEASE / AORTIC DISEASE / SURGICAL AND TRANSCATHETER INTERVENTIONS

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M. Murugesan
University of Virginia Health System, Charlottesville, Virginia, USA
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