

170<sup>th</sup> OMICS Group Conference

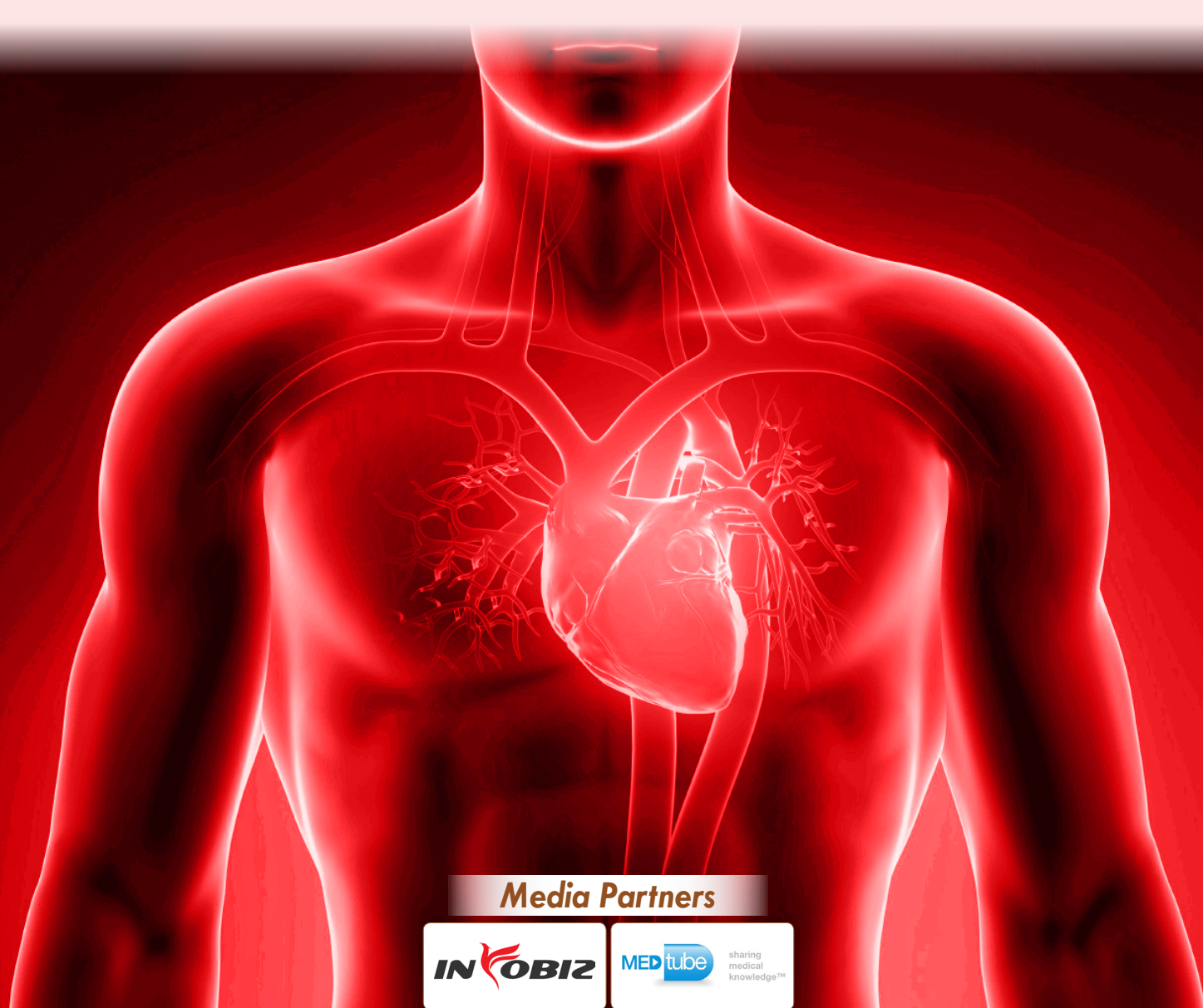
# Scientific Program



4<sup>th</sup> International Conference on

## Clinical & Experimental Cardiology

April 14-16, 2014 Hilton San Antonio Airport, TX, USA



### Media Partners



### “Organize your Events at OMICS Group Conferences”

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to [symposia@omicsonline.org](mailto:symposia@omicsonline.org)

### OMICS Group Conferences

5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA

Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499

Email: [cardiology2014@omicsonline.us](mailto:cardiology2014@omicsonline.us)

08:00-09:00 Registrations

Texas A



08:30-09:00

# Opening Ceremony

## Keynote Forum

09:00-09:05 **Introduction**09:05-09:30 **Louis Samuels**

Thomas Jefferson University School of Medicine, USA

09:30-09:55 **Richard J. Frink**

Heart Research Foundation of Sacramento, USA

09:55-10:20 **Bradley Field Bale**

Bale/Doneen Method, USA

Coffee Break 10:20-10:35 @ Texas D&amp;E

10:35-11:00 **Karlheinz Seidl**

Klinikum Inaolstadt, Germany

### Track 1: Heart Diseases

Session Chair: Anastasia Susie Mihailidou, Royal North Shore Hospital and The University of Sydney, Australia

Session Co-Chair: Anthony W. Ashton, The University of Sydney at Royal North Shore Hospital, Australia

Session Introduction

- 11:00-11:20 **Atherosclerosis: Infection & inflammation involvement, the continuous discussion**  
Jose Antonio F. Ramires, University of São Paulo, Brazil
- 11:20-11:40 **Significance of neuropeptides for coexistence of disturbances in central cardiovascular control in heart failure, stress and depression**  
Ewa Szczepanska-Sadowska, Medical University of Warsaw, Poland
- 11:40-12:00 **Mineralocorticoid receptor blockade prevents hyperglycaemia aggravated RAGE expression during myocardial infarction**  
Anastasia Susie Mihailidou, Royal North Shore Hospital and The University of Sydney, Australia
- 12:00-12:20 **Cardiac amyloidosis: A changing landscape**  
Ashutosh Wechalekar, University College London Medical School, UK

### Group Photo

Lunch Break 12:20-13:05 @ Texas D&amp;E

- 13:05-13:25 **Serpins as therapy: From virus to man**  
Alexandra Lucas, University of Florida, USA
- 13:25-13:45 **Mineralocorticoid receptors in myocardial infarction—No good, just bad and ugly**  
Anthony W. Ashton, The University of Sydney at Royal North Shore Hospital, Australia
- 13:45-14:05 **Association of significant myocardial stunning and cerebro-and cardiovascular events among acute aneurysmal subarachnoid hemorrhage patients**  
Augusto Parra, University of Texas Health Science Center, USA

### Track 2: Cardiac Surgery

Session Chair: Louis Samuels, Thomas Jefferson University School of Medicine, USA

Session Co-Chair: Edmo Gabriel, Nove de Julho University, Brazil

Session Introduction

- 14:05-14:25 **The implantable left ventricular assist device: A bridge to a destination**  
Louis Samuels, Thomas Jefferson University School of Medicine, USA
- 14:25-14:45 **Minimally invasive coronary arteries bypass grafting**  
Arthur T. Martella, Our Lady of Lourdes Medical Center, USA
- 14:45-15:05 **Role of short-term circulatory support in recovery, LVAD preparation and right ventricle support: Better solutions for better outcomes**  
Basar Sareyyupoglu, Texas A&M University, USA
- 15:05-15:25 **The current ECMO (VV and VA-ECMO)**  
Hitoshi Hirose, Thomas Jefferson University, USA

Coffee Break 15:25-15:40 @ Texas D&amp;E

- 15:40-16:00 **Experimental model of methacrylate-coated cardiopulmonary bypass circuit: Impact in complement system activation and index of thrombogenicity and platelet aggregation**  
Edmo Gabriel, Nove de Julho University, Brazil
- 16:00-16:20 **Circulatory support in cardiogenic shock**  
George P. Batsides, Rutgers-Robert Wood Johnson Medical School, USA
- 16:20-16:40 **Current ventricular assist device outcomes and future technology**  
Allen Cheng, University of Louisville, USA

16:40-17:00	<b>Initial experience with epicardial left atrial appendage ligation using the LARIAT suture closure device</b> Sheetal Chandhok, Bryn Mawr Hospital, USA
17:00-17:20	<b>Extracorporeal life support and inter hospital transfer: Results of a specialized team</b> Christoph Thomas Starck, University Hospital Zurich, Switzerland
17:20-17:40	<b>The experience of medical staff about the use of CPAP via mask therapy to treat or prevent post-surgical atelectasis after CABG</b> Fouad Al-Mutairi, King Fahd Armed Forces Hospital, Saudi Arabia
17:40-18:00	<b>Open heart surgery</b> Ricardo Del Castillo, Universidad Autónoma de Guadalajara, Mexico
18:00-18:20	<b>Using cybertherapy to reduce postoperative anxiety in cardiac recovery intensive care units</b> José Luis Mosso Vázquez, Hospital General y Regional IMSS, Mexico
18:30-19:30	Cocktails Sponsored by <b>Journal of Clinical &amp; Experimental Cardiology</b> @ Texas D&E

**Day 2 April 15, 2014**

**Texas A**

**Track 1: Heart Diseases**

**Session Chair:** Anastasia Susie Mihailidou, Royal North Shore Hospital and The University of Sydney, Australia

**Session Co-Chair:** Anthony W Ashton, The University of Sydney at Royal North Shore Hospital, Australia

Session Introduction

09:00-09:20	<b>Association of circadian genes polymorphisms with coronary heart disease</b> Svetlana Gorokhova, I.M. Sechenov First Moscow State Medical University, Russia
09:20-09:40	<b>Monocyte priming by metabolic stress: A novel NADPH oxidase 4-dependent mechanism for the development and progression of atherosclerosis</b> Reto Asmis, University of Texas Health Science Center at San Antonio, USA
09:40-10:00	<b>Effect of atrial fibrillation on thrombogenesis</b> Scott R. Willoughby, University of Adelaide, Australia
10:00-10:20	<b>Significance of ST-segment deviation in lead aVR for prediction of culprit artery and infarct size in acute inferior wall ST-elevation myocardial infarction</b> Khaled Sayed Mahmoud, El Minia University, Egypt
10:20-10:40	<b>Loss of Rubicon increases autophagic flux and protects against lipopolysaccharide-induced cardiac injury</b> Hongxin Zhu, Shanghai Jiao Tong University, China

Coffee Break 10:40-10:55 Texas D&E

10:55-11:15	<b>The potential of small RNAs as biomarker and as therapeutic tools for treating heart diseases</b> Salah A. Mohamed, Medical Center Schleswig-Holstein, Germany
11:15-11:35	<b>miR-140 regulates cardiomyocyte apoptosis by targeting mitofusin-1</b> Peifeng Li, Nebraska Medical Center, USA
11:35-11:55	<b>Reactivation of fetal splicing programs in diabetic hearts</b> Muge N. Kuyumcu-Martinez, University of Texas Medical Branch, USA
11:55-12:15	<b>CCTA in real not-so-developed world</b> Mladen Jukic, Sunce Clinic, Croatia
12:15-12:35	<b>Activation of circulated immune cells and inflammatory immune adherence are involved in the whole process of acute venous thrombosis</b> Fan Yang and Qiang Lin Duan, Tong Ji University School of Medicine, China

Lunch Break 12:35-13:20 Texas D&E

13:20-14:20	<b>Poster Presentations</b> @ Texas D&E
14:20-14:40	<b>A retrospective study on the profile of ischemic heart disease [IHD] cases admitted in KMC Attavar, Mangalore</b> Harsha Kumar H. N., Kasturba Medical College, India
14:40-15:00	<b>Percutaneous intervention in isolated left main ostial stenosis</b> Bhanu Duggal, Sir JJ Group of Hospitals, India
15:00-15:20	<b>12 and 15 lead electrocardiograms in diagnosis of acute posterior myocardial infarction</b> S. M. Tajdit Rahman, Sir Salimullah Medical College, Bangladesh

Coffee Break 15:20-15:35 @ Texas D&E

**Track 3: Congenital Heart Diseases**

**Session Chair:** Nassir Azimi, La Mesa Cardiovascular, USA

**Session Co-Chair:** Bhanu Duggal, Sir JJ group of Hospitals, India

Session Introduction

15:35-15:55	<b>Platypnea Orthodeoxia Syndrome: The consequential inconsequential PFO, a look at 4 cases cured with PFO closure</b> Nassir Azimi, La Mesa Cardiovascular, USA
15:55-16:15	<b>Roles of HCN2 channels in congenital heart diseases</b> Nian-Qing (Nan) Shi, University of Wisconsin, USA
16:15-16:35	<b>2014 update on cardio pulmonary resuscitation</b> Amballur D. John, Johns Hopkins Bayview Medical Center, USA
16:35-16:55	<b>Simultaneous transcatheter valvuloplasty and atrial septal occlusion in cases of trilogy of fallot</b> Bhanu Duggal, Sir JJ group of Hospitals, India
16:55-17:15	<b>Hemodynamic effects of laparoscopic surgery in infants with cardiac anomalies</b> Christine Burgmeier, University Medical Center Ulm, Germany
17:15-17:35	<b>Case series: Paediatric repair of coarctation of the aorta and pulmonary hypertension</b> Natasa Chrysodonta, University of Bristol, UK
17:35-17:55	<b>Congenital heart diseases among the hospital live birth in Bangladesh: A retrospective study in a tertiary medical college hospital</b> Md Sazid Rezwon, Sir Salimullah Medical College, Bangladesh

**Rio Grande**

**Track 4: Cardiac Therapeutic Agents**

**Session Chair:** Nisha Jain Garg, University of Texas Medical, USA

**Session Co-Chair:** Mark D. Rekhter, Eli Lilly & Co., USA

- 09:00-09:20 **Serum mediated activation of macrophages reflects TcVac2 vaccine efficacy against Chagas disease**  
Nisha Jain Garg, University of Texas Medical, USA
- 09:20-09:40 **Reverse translation in cardiovascular drug discovery**  
Mark D. Rekhter, Eli Lilly & Co., USA
- 09:40-10:00 **Relationship between oxidative stress and energy metabolism in hypertension induced cardiac remodeling**  
Renuka R. Nair, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India
- 10:00-10:20 **Activation of g-protein coupled estrogen receptor 1 protects the heart against ischemia/reperfusion injury by inhibiting them PTP opening via MEK/ERK/GSK-3 $\beta$  pathway**  
Jean C. Bopassa, University of Texas Health Science Center at San Antonio, USA
- 10:20-10:40 **Effect of telmisartan and atorvastatin on angiogenic responsiveness in coronary endothelial cells of normal and streptozotocin induced diabetic rats**  
Anita A. Mehta, L. M. College of Pharmacy, India

Coffee Break 10:40-10:55 @ Texas D&amp;E

- 10:55-11:15 **Pulse pressure and apolipoprotein B/apolipoprotein A1 in relation to the metabolic syndrome and its components**  
Galya Naydenova Atanasova, University Hospital Pleven, Bulgaria
- 11:15-11:35 **Quality of anticoagulation management with warfarin among outpatients in Tikur Anbessa Specialized Hospital, Addis Ababa, Ethiopia**  
Tamrat Assefa, Addis Ababa University, Ethiopia

**Track 5: Biophysics and Systems Biology****Track 6: Cancer and Heart**

Session Chair: A Martin Gerdes, New York Institute of Technology-College of Osteopathic Medicine, USA

Session Co-Chair: Yoshiaki Omura, New York Medical College &amp; Heart Disease Research Foundation, USA

Session Introduction

- 11:35-11:55 **Wrong about  $\beta$  blockers! Wrong about positive inotropes! Wrong about thyroid hormone treatment of heart failure?**  
A Martin Gerdes, New York Institute of Technology-College of Osteopathic Medicine, USA
- 11:55-12:15 **New interpretation of electrocardiograms (ECGs) by invisible biochemical & microbial information found on recorded ECGs to detect serious side-effects of chemotherapy by measurement of cardiac troponin I at the "Vulnerable Period for Ventricular Fibrillation" at the rising part of the T-Wave**  
Yoshiaki Omura, New York Medical College & Heart Disease Research Foundation, USA
- 12:15-12:35 **Control of mitochondrial oxidative stress prevented the evolution of cardiomyopathy in chronic chagasic rodents**  
Nisha Jain Garg, University of Texas Medical Branch, USA

Lunch Break 12:35-13:20 @ Texas D&amp;E

**13:20-14:20 Poster Presentations**

@ Texas D&amp;E

- 14:20-14:40 **Mechanosensing and regulation of cardiac function**  
David E. Dostal, Texas A&M Health Science Center, USA
- 14:40-15:00 **Differential response of lung and heart endothelial cells to hypoxia exposure**  
Nadia Jahroudi, University of Alberta, Canada
- 15:00-15:20  **$\beta$ -arrestin1-biased  $\beta$ 1-adrenergic receptor signaling-mediated microRNA regulatory network: A new player in cardiac protection**  
Il-man Kim, Georgia Regents University, USA

Coffee Break 15:20-15:35 @ Texas D&amp;E

- 15:35-15:55 **Inhibition of gene expression of carnitine palmitoyltransferase I and heart fatty acid binding protein in cyclophosphamide and ifosfamide-induced acute cardiomyopathic rat models**  
Mohamed M. Sayed-Ahmed, King Saud University, Saudi Arabia
- 15:55-16:15 **Advanced cardiac imaging: Update in the era of earlier disease recognition and focus on outcomes driven approach**  
Ahmad M. Slim, San Antonio Uniformed Services Health Care Consortium, USA
- 16:15-16:35 **Prognostic factors for hospital mortality in STEMI patients in Serbia**  
Zorana Vasiljevic, Belgrade University, Serbia
- 16:35-16:55 **Panel study of air pollution (PM2.5) and health effects on workers in the São Paulo City, Brazil**  
Monica V. Marquezini, University of São Paulo, Brazil
- 16:55-17:15 **Cochlear implantation and cardiac associations**  
Senthil Vadivu Arumugam, Madras ENT Research Foundation, India

**18:30-19:30 Cocktails Sponsored by Journal of Cardiovascular Diseases & Diagnosis**

@ Texas D&amp;E

Day 3

April 16, 2014

Texas A

**Track 7: Interventional Cardiology**

Session Chair: Santhosh K. G. Koshy, University of Tennessee Health Sciences Center, USA

Session Co-Chair: Pupalan Iyngkaran, Flinders University, Australia

Session Introduction

- 09:00-09:20 **Cardiopulmonary resuscitation and direct cardiac injury: Evidence of fractured coronary arteries and his bundle hemorrhage**  
Richard J. Frink, Heart Research Foundation of Sacramento, USA
- 09:20-09:40 **Building a consensus for more flexible guidelines in heart failure with comorbidities: Why this is important for remote Australian patients**  
Pupalan Iyngkaran, Flinders University, Australia
- 09:40-10:00 **Ticagrelor, but not clopidogrel, protects the heart and limits myocardial infarct size**  
Yochai Birnbaum, Baylor College of Medicine, USA

10:00-10:20 **Renal denervation and other novel strategies for management of resistant hypertension**  
Santhosh K. G. Koshy, University of Tennessee Health Sciences Center, USA

10:20-10:40 **Current status and remaining problems of balloon pulmonary angioplasty for the treatment of chronic thromboembolic pulmonary angioplasty**  
Hiromi Matsubara, National Hospital Organization Okayama Medical Center, Japan

Coffee Break 10:40-10:55 @ Texas C

10:55-11:15 **Ceramic coating prevents corrosion of cardiovascular stainless steel stents**  
Victor Moles, Unidad de Intervenciones Cardiovasculares, Argentina

11:15-11:35 **DUSP protein phosphatases modulates the development of dilated cardiomyopathy**  
Mannix Auger-Messier, University of Sherbrooke, Canada

11:35-11:55 **Cardiovascular implications of incretins after SAVOR and EXAMINE in diabetes patients**  
Robert J. Chilton, University of Texas Health Science Center San Antonio, USA

11:55-12:15 **Disrupting KATP channels diminishes the estrogen-mediated protection in female mutant mice during ischemia-reperfusion**  
Nian-Qing (Nan) Shi, University of Wisconsin, USA

12:15-12:35 **Perioperative right ventricular systolic functional assessment and value analysis of pediatric right ventricular outflow tract reconstruction with echocardiography**  
Guo-Zhen Chen, Shanghai Jiao Tong University School of Medicine, China

12:35-12:55 **Aortic stenosis and mitral regurgitation as predictors of atrial fibrillation**  
Veronica Widgren, Malmö University Hospital, Sweden

Lunch Break 12:55-13:35 @ Texas C

### Track 8: Current Research in Cardiology

Session Chair: Yoshiaki Omura, New York Medical College & Heart Disease Research Foundation, USA

Session Co-Chair: Noemi Csaszar-Nagy, National Center for Spinal Disorders, Hungary

Session Introduction

13:35-13:55 **Hold that thought: Induction of erythropoietin to protect the ischemic brain**  
Robert Mallet, University of North Texas Health Science Center, USA

13:55-14:15 **Detection of clinically important invisible biochemical information & various microbial infections from each part of recorded ECGs**  
Yoshiaki Omura, New York Medical College & Heart Disease Research Foundation, USA

14:15-14:35 **Pain and psychotherapy, in the light of evidence psychological treatment methods of chronic pain based on evidence**  
Noemi Csaszar-Nagy, National Center for Spinal Disorders, Hungary

14:35-14:55 **The cardiac atrial appendage stem cell: A new candidate for myocardial repair**  
Karen Hensen, Jessa Hospital, Belgium

14:55-15:15 **N-methyl D-aspartate (NMDA) receptor antagonists and their targets in the heart**  
Anna Bogdanova, University of Zurich, Switzerland

15:15-15:35 **Alternative RNA splicing and regulation of nitric oxide signaling**  
Iraida G. Sharina, University of Texas Medical School at Houston, USA

Coffee Break 15:35-15:50 @ Texas C

15:50-16:10 **Revascularization of a chronic total occlusion of the infra-renal aorta in a patient with triple vessel disease: Report of a case treated by endovascular approach**

Mahek K. Shah, Einstein Medical Center, USA

16:10-16:30 **Four electron leak pathways of mitochondrial respiratory chain and their physiological functions**  
Xu Jian-xing, Chinese Academy of Sciences, China

16:30-16:50 **Contemporary approach to diagnosis and management of cardiovascular implantable electronic device infections**  
M. Rizwan Sohail, Mayo Clinic College of Medicine, USA

16:50-17:10 **A cross-sectional study on awareness and perception about Basic Life Support (BLS)/Cardio-Pulmonary Resuscitation (CPR) among undergraduate medical students from coastal South India**  
Harsha Kumar H. N., Kasturba Medical College, India

17:10-17:30 **Targeting calcium signaling as a novel therapeutic strategy for cardiac hypertrophy and failure**  
Tamer M. A. Mohamed, University of Manchester, UK

17:30-17:50 **The importance of psychological assessment and support in patients suffering from cardiovascular disease or undergoing cardiac treatment**  
Daniel Peter Stoll, National Centre for Spinal Disorders, Hungary

17:50-18:10 **A case of cardiac amyloidosis with a negative biopsy from a noncardiac site**  
Affan Irfan, University of Illinois, USA

18:10-18:30 **The risk of coarctation of the aorta in pregnancy original case report**  
Manuela Stoicescu, University of Oradea, Romania

**Bookmark your dates**



5<sup>th</sup> International Conference on

**Clinical & Experimental Cardiology**

February 07-09, 2015 Philadelphia, USA

**OMICS Group Inc.**  
2360 Corporate Circle, Suite 400  
Henderson, NV 89074-7722, USA  
Ph: +1-888-843-8169  
Fax: +1-650-618-1417  
omicsonline@omicsonline.com

**OMICS Publishing Group**  
5716 Corsa Ave., Suite 110, Westlake  
Los Angeles, CA 91362-7354, USA  
Ph: +1-650-268-9744  
Fax: +1-650-618-1414  
omicsonline@omicsonline.org

**OMICS Group**  
SEZ Unit, Building No. 20, 9th Floor  
APIIC Layout,HITEC City  
Hyderabad-500081, AP, INDIA  
Ph: 040-40131823, 040-47482222  
omicsgroup@omicsgroup.org

**Toll free**  
**USA & Canada:** 1-800-216-6499  
**Australia:** 1-800-651-097  
**Europe:** 0805-080048