**Scientific Program**

5th International Conference on

**Clinical & Experimental Cardiology**

April 27-29, 2015  Philadelphia, USA

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**OMICS International Conferences**

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Email: cardiology@conferenceseries.net; cardiology@omicsgroup.com
### Keynote Forum

#### Introduction

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>09:00-09:05</td>
<td>Anthony Martin Gerdes</td>
<td>New York Institute of Technology-College of Osteopathic Medicine, USA</td>
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<tr>
<td>09:05-09:30</td>
<td>Louis Samuels</td>
<td>Thomas Jefferson University School of Medicine, The Lankenau Heart Institute, USA</td>
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<tr>
<td>09:30-09:55</td>
<td>Kate M Denton</td>
<td>Monash University, Australia</td>
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#### Track 1: Heart Diseases

**Session Chair:** Anastasia Susie Mihailidou, Royal North Shore Hospital & Kolling Institute, Australia  
**Session Co-Chair:** Anthony Martin Gerdes, New York Institute of Technology-College of Osteopathic Medicine, USA  

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<th>Time</th>
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<tr>
<td>10:35-10:55</td>
<td>Standardizing skills for taking the pressure off</td>
<td>Anastasia Susie Mihailidou</td>
<td>Royal North Shore Hospital &amp; Kolling Institute, Australia</td>
</tr>
<tr>
<td>10:55-11:15</td>
<td>Low-dose oral triiodothyronine (T3) improves left ventricular function and myocyte survival following myocardial infarction in rats</td>
<td>Anthony Martin Gerdes</td>
<td>New York Institute of Technology-College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Dysregulation of mitochondrial quality control and diabetic cardiomyopathy</td>
<td>Qiangrong Liang</td>
<td>New York Institute of Technology-College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Thyroid dysfunction and atrial fibrillation: The role of myocardial hypothyroidism</td>
<td>Youhua Zhang</td>
<td>New York Institute of Technology-College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Progress in cardiac amyloidosis</td>
<td>Ashutosh Wechalekar</td>
<td>University College London Medical School, UK</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>MALDI imaging for determining the protein network associated with atrial fibrillation</td>
<td>Salah A Mohamed</td>
<td>Medical Center Schleswig-Holstein, Germany</td>
</tr>
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</table>

### Track 2: Congenital Heart Diseases

**Session Chair:** Arthur T Martella, Our Lady of Lourdes Medical Center, USA  
**Session Co-Chair:** Michael Chorny, The Children’s Hospital of Philadelphia, USA

### Track 4: Biophysics & Systems Biology
15:05-15:25  Minimally invasive coronary artery bypass grafting
Arthur T Martella, Our Lady of Lourdes Medical Center, USA

15:25-15:45  Nanoparticles for site-specific delivery of small-molecule drugs and biotherapeutics to injured vasculature
Michael Chorny, The Children's Hospital of Philadelphia, USA

Networking & Refreshments Break 15:45-16:00 @ Benjamin's

16:00-16:20  Microtubules in vascular endothelial barrier regulation
Alexander D Verin, Georgia Regents University, USA

16:20-16:40  Reported cardiovascular events during laparoscopy in term and preterm neonates
Christine Burgmeier, University Medical Center Ulm, Germany

16:40-17:00  Biomarkers and drug responsive genotype in long QT syndrome
Pratibha Nallari, Osmania University, India

17:00-17:20  A 43 year old female post PDA ligation with ALCAPA presenting with chest pain: Case report
Francis Carl L Catalan & Francis Charles L Fernandez, Philippine Heart Center, Philippines

Panel Discussion
Cocktails sponsored by Journal of Clinical & Experimental Cardiology 18:05-19:15 @ Independence Foyer

Day 2  April 28, 2015
Independence Room-C

Keynote Forum

09:00-09:25  Yoshiaki Omura
New York Medical College, Heart Disease Research Foundation, USA

09:25-09:50  Robert M Mentzer
Wayne State University School of Medicine, USA

09:50-10:15  Karlheinz Seidl
Klinikum Ingolstadt GmbH, Germany

Networking & Refreshments Break 10:15-10:30 @ Independence Foyer

10:00-11:00  Poster Presentations (Batch I)
Track 3: Cardiac Therapeutic Agents
Track 5: Interventional Cardiology
Track 6: Cardiac Surgery

Session Chair: Louis Samuels, Thomas Jefferson University School of Medicine, The Lankenau Heart Institute, USA
Session Co-Chair: Edmo Gabriel, Unilago School of Medicine, Brazil

Session Introduction

10:30-10:50  The RECOVER RIGHT™ trial: Use of the Impella RP percutaneous right ventricular assist device: An Hde study
Louis Samuels, Thomas Jefferson University School of Medicine, The Lankenau Heart Institute, USA

10:50-11:10  Liver and atherosclerotic plaque: What is the relationship?
Jose Antonio Franchini Ramires, University of São Paulo Medical School, Brazil

11:10-11:30  The studies on the new blood biomarkers in subclinical coronary atherosclerosis in Chinese populations
Yaping Tian, Chinese PLA General Hospital, China

11:30-11:50  Miniaturized hemodynamic trans-esophageal echocardiogram (hTEE) for cardiac monitoring
Hitoshi Hirose, Thomas Jefferson University Hospital, USA

11:50-12:10  Aortic coarctation in adults: The role of extra-anatomic bypass
Edmo Gabriel, Unilago School of Medicine, Brazil

Lunch Break 12:10-12:55 @ Benjamin's

12:55-13:15  Difference between continuous positive airway pressure via mask therapy and incentive spirometry plus chest physiotherapy to treat or prevent post- surgical atelectasis: Prospective randomized study
Fouad AL Mutairi, King Fahd Armed Forces Hospital, Saudi Arabia
Initial experience with MINI-OPCABG in hybrid coronary revascularization
Vincenzo Cianci, University of Sacred Heart, Italy

Our experience: Minimally invasive aortic valve replacements
Siavash Saadat, Rutgers – Robert Wood Johnson Medical School, USA

Workshop on Translational tools as a modern armamentarium to manage chronic cardiovascular disorders
Session Chair: Sergey Suchkov, A.I.Evdokimov Moscow State University of Medicine and Dentistry, Russia

Keynote Forum
Evgenii Rosseikin
Russian Ministry of Public Healthcare, Russia
Matthew L Springer
University of California San Francisco, USA

Session Introduction
PPPM (predictive, preventive and personalized medicine) as a new model of healthcare services to secure better survival of cardiac patients and biosafety of the human society as a whole
Sergey Suchkov, A.I.Evdokimov Moscow State University of Medicine and Dentistry, Russia
Impact of age and myocardial infarction on efficacy of patient-specific bone marrow cells for autologous therapy
Matthew L Springer, University of California San Francisco, USA
Intracellular development of cardiac stem cells as a strategic avenue to secure self-renewal, regeneration and maintenance of the mammalian myocardium
Galina Belostotskaya, Russian Academy of Sciences, Russian Federation
Monitoring disassembly of biodegradable nanoparticles designed for targeted delivery
Michael Chorny, The Children's Hospital of Philadelphia, USA

Networking & Refreshments Break 16:00-16:15 @ Independence Foyer
Young Researchers Forum
Session Chair: Mahazarin Ginwalla, University Hospitals Case Medical Center, USA

Cardiovascular health knowledge, attitude and behavior patterns among medical students of North India: Cross sectional study from a tertiary care center in Punjab
Sumit Sohal, Government Medical College Patiala, India

Dermcidin isoform-2 induced nullification of the effect of acetyl salicylic acid in platelet aggregation in acute myocardial infarction
Sarbashri Bank, Sinha Institute of Medical Science & Technology, Vidyasagar University, India

Study of collagen metabolism markers in rheumatic heart valve disease: Indian sub-population
Tanima Banerjee, CSIR-Indian Institute of Chemical Biology, India

Mechanism of mitochondrial dysfunction in hypertrophic cardiomyocyte
Dipak Kar, CSIR-Indian Institute of Chemical Biology, India

16:30-17:30 Poster Presentations (Batch II)

Panel Discussion
Cocktails sponsored by Journal of Cardiovascular Diseases & Diagnosis 17:30-18:30 @ Independence Foyer

Day 3 April 29, 2015
Independence Room-C

Track 7: Current Research in Cardiology
Track 8: Cancer & Heart

Session Chair: Sergey Suchkov, A.I.Evdokimov Moscow State University of Medicine and Dentistry, Russia
Session Co-Chair: Karlheinz Seidl, Klinikum Ingolstadt, Germany

09:00-09:20 Modern trends in stem cell technologies as applicable to ischemic heart diseases
Sergey Suchkov, A.I.Evdokimov Moscow State University of Medicine and Dentistry, Russia

09:20-09:40 Global atrial fibrillation burden: Prevention rather treatment must be the goal
Karlheinz Seidl, Klinikum Ingolstadt, Germany
09:40-10:00  Molecular mechanisms of coronary flow regulation by adenosine
S Jamal Mustafa, West Virginia University, USA

10:00-10:20  Sickle cell cardiomyopathy: Past, present, and future
Mahazarin Ginwalla, University Hospitals Case Medical Center, USA

10:35-10:55  Lack of correlation between I131 labeled albumin measurements of blood volume and serum B-natriuretic Peptide levels in heart failure patients
John E. Strobeck, The Heart-Lung Center, USA

10:55-11:15  Cardiac diastolic function in pediatric AIDS/HIV-carriers: Assessment, treatment and prevention of future cardiovascular diseases
Mauricio Laerte Silva, Joana de Gusmao Children’s Hospital, Brazil

11:15-11:35  An outline of the genetic aspect of human heart development in prenatal diagnosis
Krzysztof Piotrowski, Pomeranian Medical University, Poland

11:35-11:55  Role of cardiac stem cells in the formation of adult heart and the maintaining its homeostasis. New experimental data and hypotheses
Galina Belostotskaya, Russian Academy of Sciences, Russian Federation

11:55-12:15  Assessment of cardiovascular aspects, metabolic and nutritional profile in children and adolescents with celiac disease under treatment
Mauricio Laerte Silva, Joana de Gusmao Children’s Hospital, Brazil

12:15-12:35  Morphology of the grasscutter ovaries: A tool for a better heart function
Benedict Onoja, University of Nigeria, Nigeria

13:20-13:40  The cause of the left bundle branch block at a young patient
Manuela Stoicescu, University of Oradea, Romania

13:40-14:00  Awareness of physicians and clinical pharmacists about the recent AHA/ACC 2013 guidelines for dyslipidemia
Mais Hassan Ilaifel, King Faisal University, Saudi Arabia

14:00-14:20  A novel concept of infusing intracoronary nicorandil mixed with contrast before stenting through thrombectomy catheter distal to occluded culprit artery for improving primary angioplasty outcomes
Udaya Prashant Ponangi, CARE Hospitals, India

14:20-14:40  Association of time in blood glucose range with outcomes following cardiac surgery & Statins in critical care
Amr Salah Omar, Hamad Medical University, Qatar

Lunch Break 12:35-13:20 @ Benjamin’s

Panel Discussion

Bookmark your dates

6th International Conference on Clinical & Experimental Cardiology
November 30 - December 02, 2015  San Antonio, USA

Website: cardiology.conferenceseries.com

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