

## *Scientific Program*

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

# **Clinical & Experimental Cardiology**

April 27-29, 2015 Philadelphia, USA



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08:00-08:30 Registrations

## Independence Room-C



08:30-09:00

## Opening Ceremony

## Keynote Forum

09:00-09:05	<b>Introduction</b>
09:05-09:30	<b>Anthony Martin Gerdes</b> New York Institute of Technology-College of Osteopathic Medicine, USA
09:30-09:55	<b>Louis Samuels</b> Thomas Jefferson University School of Medicine, The Lankenau Heart Institute, USA
09:55-10:20	<b>Kate M Denton</b> Monash University, Australia

Networking &amp; Refreshments Break 10:20-10:35 @ Independence Foyer

## Track 1: Heart Diseases

Session Chair: Anastasia Susie Mihailidou, Royal North Shore Hospital &amp; Kolling Institute, Australia

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

## Session Introduction

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

## Group Photo

Lunch Break 12:40-13:25 @ Benjamin's

13:25-13:45	<b>Tibetan medicine: An effective botanical supplement for peripheral vascular circulation</b> Vladimir Badmaev, American Medical Holdings Inc., USA
13:45-14:05	<b>Additional information needed to predict CHD and cardiovascular events in stabilized patients. What we know today and what we should know?</b> Svetlana Gorokhova, Research Clinical Center of JSC Russian Railways, Russia
14:05-14:25	<b>Experience with IgM-enriched immunoglobulins as adjuvant therapy in septic patient after redo cardiac surgery</b> Vera Maravic-Stojkovic, Dedinje Cardiovascular Institute, Serbia
14:25-14:45	<b>Cardiac involvement in the antiphospholipid syndrome</b> Ljudmila Stojanovich, University Medical Center, Serbia
14:45-15:05	<b>E-Cardiology: Designing second-life world for healthcare industry</b> Chayakrit Krittanawong, Mayo Clinic, USA

## Track 2: Congenital Heart Diseases

## Track 4: Biophysics &amp; Systems Biology

Session Chair: Arthur T Martella, Our Lady of Lourdes Medical Center, USA

Session Co-Chair: Michael Chorny, The Children's Hospital of Philadelphia, USA

## Session Introduction

- 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

13:15-13:35 **Initial experience with MINI-OPCABG in hybrid coronary revascularization**  
Vincenzo Cianci, University of Sacred Heart, Italy

13:35-13:55 **Our experience: Minimally invasive aortic valve replacements**  
Siavash Saadat, Rutgers – Robert Wood Johnson Medical School, USA

**Workshop on** **13:55-16:30**  
**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**

16:30-16:45 **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**

16:45-17:00 **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**

17:00-17:15 **Study of collagen metabolism markers in rheumatic heart valve disease: Indian sub-population**

**Tanima Banerjee, CSIR-Indian Institute of Chemical Biology, India**

17:15-17:30 **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

**Networking & Refreshments Break 10:20-10:35 @ Independence Foyer**

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 hypotheises**

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

**Lunch Break 12:35- 13:20 @ Benjamin's**

**Video Presentations**

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 thrombosuction 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

**Panel Discussion**

**Bookmark your dates**

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

# Clinical & Experimental Cardiology

November 30 - December 02, 2015

San Antonio, USA

Website: [cardiology.conferenceseries.com](http://cardiology.conferenceseries.com)

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