### Keynote Forum

#### 09:55-10:00 Introduction

**Title:** From ECGs, various cancers and their biochemical information were detected. In the presence of cancer and myocardial ischemia we found significant reduction of Taurine in various cancer tissues & in the Lyme disease infected part of the heart where Cardiac Troponin I & ANP is markedly increased in Atrial Fibrillation ECGs. Optimal dose of Taurine was found to reduce cancer parameter and improve myocardial function, Alzheimer related factors significantly.

**Yoshiaki Omura,** New York Medical College, USA

#### 10:00-10:30

**Title:** Lipid modification in the treatment and prevention of cardiovascular diseases: Emerging clinical and public health challenges

**Charles H Hennekens,** Florida Atlantic University, USA

### Networking & Refreshment Break: 11:00-11:15 @ Foyer

### Sessions: Clinical Cardiology | Heart Failure | Heart Diseases

**Session Chair:** S Jamal Mustafa, West Virginia University, USA

#### 11:15-11:35

**Title:** Prenatal MR imaging of congenital heart diseases and associated abnormalities

**Tamara Feygin,** Perelman Medical School-University of Pennsylvania, USA

**Title:** Familial congenital heart disease induced by heterozygous missense mutation in Nkx2-5: Genetic and beyond genetic effects?

**Hideko Kasahara,** University of Florida, USA

#### 11:35-11:55

**Title:** Percutaneous coronary interventions in patients with renal insufficiency

**Anil Om,** McLeod Regional Medical Centre, USA

**Title:** Involvement of NADPH oxidase in coronary flow regulation by adenosine receptors

**S Jamal Mustafa,** West Virginia University, USA

### Lunch Break: 12:35-13:35 @ Bistro 436

### Workshop

#### 13:35-14:35

**Title:** Adipokines in the pathogenesis of heart failure: Good, Bad & Ugly

**Gary Sweeney,** York University, Canada

### Sessions: Obesity and Heart | Cardiac Drugs | Cardiac Imaging and technology

**Session Chair:** Gary Sweeney, York University, Canada

#### 14:35-15:15

**Title:** Echocardiography guided right ventricular pacing lead tension adjustment decreases long term tricuspid insufficiency

**Hongquan Lu,** PLA General Hospital, China

**Title:** Volume-based quantification using dual-energy computed tomography in patients with cardiac tumors:

**Jin Hur,** Yonsei University College of Medicine, South Korea

**Title:** Efficacy and safety of a nutritional supplement combination on dyslipidemia and cardiovascular inflammatory markers

**Mark Houston,** Vanderbilt University School of Medicine, USA

#### 15:15-16:15

**Title:** Gastropericardial fistula, uncommon complication for common surgical procedure

**Khaled Sherif,** Texas Tech University Health Science Centre, USA

**Title:** Cardiovascular protective effects of AT2R activation by a new peptide drug NP-6A4

**Lakshmi Pulakat,** University of Missouri, USA

### Networking & Refreshment Break: 16:15-16:35 @ Foyer

### Panel Discussion

---

### Day 2 November 15, 2016

**Hall A**

**Workshop**
10:00-11:00
Title: HeartMApp: A technology-based intervention for telemonitoring support to improve heart failure outcomes
Ponratthi Athilingam, University of South Florida, USA

Networking & Refreshment Break: 11:00-11:15 @ Foyer

11:15-12:15
Title: Long term effects and the Congenital Gap
Jay Risk, Tetralogy of Fallot Foundation Inc., USA

Sessions: Women & CVD | Pediatric Cardiology | Diabetic Cardiovascular Diseases
Session Chair: Yan Yan, Alexion Pharmaceuticals, USA

12:15-12:35
Title: ENPP1-Fc inhibits proliferation of vascular smooth muscle cells
Yan Yan, Alexion Pharmaceuticals, USA

12:35-12:55
Title: Tissue Doppler echocardiography after 25 years- Clinical utility or technological hype?
George Thomas, Saraf Hospital, India

Lunch Break: 12:55-13:55 @ Bistro 436

13:55-14:15
Title: From cell mechanosensing to pathologic evolution and engineering of the cardiovascular system
Maurizio Pesce, Centro Cardiologico Monzino, Italy

14:15-14:35
Title: Computerized auditory cognitive intervention to improve cognition thus improve heart failure self-care and quality of life
Ponratthi Athilingam, University of South Florida, USA

Young Researchers Forum

14:35-15:05
Title: Association of non-alcoholic fatty liver disease with QT prolongation on EKG; A case control retrospective study
Muhammad Asif Mangi, Orange Park Medical Center, USA

14:50-15:05
Title: Choosing wisely- Innovations in cardiovascular diseases and current USA health care system objectives
Hiba Rehman, USA

15:05-15:20
Title: Hyperuricemia and its association with hypertension and cardiovascular disease
Christian Mora Sicouret and Ricardo Agualongo, HTMC, Ecuador

Poster Presentations @ 15:20-16:20
Networking & Refreshment Break: 15:20-15:35 @ Foyer

Day 3 November 16, 2016
Hall A

Sessions: Cardiac Nursing | Cardiac Surgery | Current Research in Cardiology
Session Chair: Galya N Atanasova, Medical University, Bulgaria

10:00-10:30
Title: Effects of Moderate Treadmill Activity On Cardiovascular Factors in Spontaneously Hypertensive Rats
Herve Kibwe Mwewa, University of KwaZulu Natal, South Africa

10:30-11:00
Title: Risk assessment models for myocardial infarction
Galya N Atanasova, Medical University, Bulgaria

Networking & Refreshment Break: 11:00-11:15 @ Foyer

11:15-11:35
Title: Do we apply current guidelines while prescribing statin therapy?
Syed Raza, Awali Hospital, Bahrain

11:35-11:55
Title: Longitudinal cardiac rotation abnormalities in children and young adults with end-stage renal failure undergoing hemodialysis: A pilot study
Sahar Sheta, Cairo University Children's Hospital, Egypt

11:55-12:15
Title: Comparison of first trimester to second trimester fetal heart examination in detection of cardiac anomalies in a tertiary fetal medicine teaching unit
Sahar Sheta, Cairo University Children’s Hospital, Egypt

Lunch Break: 12:15-13:15 @ Bistro 436

Video Presentations
Title: The release of transitory amplifying cells from cardiac stem cell-containing “cell-in-cell structures” and their cardiac differentiation is a main way of cardiomyogenesis after transient myocardial ischemia in rat
Galina B. Belostotskaya, Sechenov Institute of Evolutionary Physiology and Biochemistry, Russian Federation