

Scientific Program

2nd International Congress and Expo on

Cardiology

September 20-21, 2018 at Toronto, Canada



Scientific Federation

1-8-506/2/B, Begumpet, Hyderabad-500016, India

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Day 1 September 20, 2018

Algonquin B

08:30-09:00 Registrations

09:00-09:10 Introduction

09:10-09:30 Opening Ceremony

Plenary Forum

09:30-10:20 **Title: Prevention of Myocarditis Using Regenerative Medicine Therapy**
DeLisa Fairweather, Mayo Clinic, Jacksonville, USA

Workshop

10:20-11:20 **Title: Machine Learning and Artificial Intelligence in Cardiac Imaging**
Wellnhofer Ernst, German Heart Center & Charite University Medicine Berlin, Germany

Networking & Refreshments Break 11:20-11:35 @ Foyer Keynote Sessions

11:35-12:15 **Title: TED-Time and Life-saving External Defibrillator for Home-use: The Iron Dome-for Sudden Death Prevention**
A. Teddy Weiss, Hadassah University Hospital, Israel

12:15-12:55 **Title: Role of Wearables in the Health Care System**
Attila Kardos, Milton Keynes University Hospital, United Kingdom

Group Photo 12:55-13:00

Lunch Break 13:00-14:00

Invited Talks

Scientific Sessions: | Clinical Cardiology | Interventional Cardiology | Coronary atherectomy |
| Arrhythmia | Cardiac Diagnostic & Tests |

Session Chair: Subbiah Ramasamy, Temple University, USA

14:00-14:25 **Title: Does your Alcohol Impact Cardiac Mitochondrial Structure?**
Subbiah Ramasamy, Temple University, USA

14:25-14:50 **Title: Theoretical Calculation of the End-Systolic Pressure-Volume Relation and its Clinical Application**
Rachad M. Shoucri, Royal Military College of Canada, Canada

14:50-15:15 **Title: Lung Gene Transfer with Sarcoplasmic Reticulum Calcium ATPase Prevents Disease Progression in Pulmonary Arterial Hypertension**
Lahouaria Hadri, Icahn School of Medicine at Mount Sinai, New York

15:15-15:40 **Title: Does the Radial Artery in Addition to Bilateral Internal Thoracic Artery Grafting Affect positively the Long-Term Survival Compared to Saphenous Vein Graft?**
Francesco Formica, University of Milano-Bicocca, Italy

Panel Discussion 15:40-16:00

Networking & Refreshments Break 16:00-16:15 @ Foyer

16:15-16:40 **Title: Approach to ASD Plus Syndromes**
Manokar Panchanatham, Sri Ramachandra University, India

16:40-17:05 **Title: Mechanosignaling in Obesity and Beyond**
Yanhui Zhang, Xiamen Cardiovascular Hospital & University, China

17:05-17:30 **Title: Tpeak-Tend: An Electrocardiographic Marker for Predicting Ventricular Arrhythmias and Sudden Cardiac Death in Clinical Practice**
Yaniel Castro-Torres, Hospital Universitario Celestino Hernandez Robau, Cuba

17:30-17:55 **Title: Elevated Sera sST2 Predicts Heart Failure in Men under the Age of 50 with Clinically Suspected Myocarditis**
Katelyn A. Bruno, Mayo Clinic, USA

Panel Discussion 17:55-18:15

Cocktails 19:00-20:00

Day 2 September 21, 2018

Algonquin B

09:30-10:20 **Title: Clinically Relevant Interactions between Cardiovascular Drugs, Herbals and Fruit juices: Mechanisms of Interactions and Prescribing Strategies**
Harpal S. Buttar, University of Ottawa, Canada

Keynote Sessions

10:20-11:00 **Title: Cyber Security is an Increasing Challenge in IT 4.0-Hospitals**
Wellnhofer Ernst, German Heart Center & Charite University Medicine Berlin, Germany

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

11:15-11:55 **Title: Novel Molecular Mechanisms and Drug Treatment Options of Pulmonary Hypertension**
Yong-Xiao Wang, Albany Medical College, USA

Group Photo 11:55-12:00

Invited Talks

Scientific Sessions: Cardiac Diagnostic & Tests | Clinical Cardiology | Cardiac Arrhythmia |
| Cardiology - Future Medicine |

12:00-12:25 **Title: Non-Invasive Imaging of Diastolic Dysfunction**
Paloma Manea, Grigore T.Popa University of Medicine and Pharmacy, Romania

12:25-12:50 **Title: Can we Minimize the Re-admissions of the Heart Failure Patients, if we Properly Address the Various Factors that have a Close Association with the Overall Outcome?**
Janardhana Rao Babburi, Aster Medical Centre & Hospital, UAE

Panel Discussion 12:50-13:00

Lunch Break 13:00-14:00

Invited Talks

Scientific Sessions: Cardiac Diagnostic & Tests | Clinical Cardiology | Cardiac Arrhythmia |
| Cardiology - Future Medicine |

14:00-14:25 **Title: Mastering Cardiac Chaos: About Low-Energy and Optogenetic Multi-Site Pacing Strategies**
Claudia Richter, Max Planck Institute, Germany

14:25-14:50 **Title: Fragmented QRS Complexes have Predictive Value of in-hospital Major Adverse Cardiac Events in Patients with STEMI after Primary Percutaneous Coronary Intervention**
Yanmin XU, Tianjin Medical University, China

14:50-15:15 **Title: The Clinical Impact of Echocardiography on Patients in Tertiary Centres in South Africa**
Arne Husselmann, Mobile Echocardiogram Clinic, Cape Town, South Africa

15:15-15:40 **Title: Improvement in Heart Rate Recovery in Exercise Test after Cardiac Rehabilitation**
Marzie Saeidi, Tarbiat Modares University, Iran

Panel Discussion 15:40-16:00

Networking & Refreshments Break 16:00-16:15 @ Foyer

Poster Presentations

P-001 **Title: Impact of Activities of Daily Living on Adverse Outcomes in Elderly Patients with Acute Heart Failure Syndrome**
Tomohiro Asahi, Naha City Hospital, Japan

P-002 **Title: Giant Dissecting Aneurysm of the Descending Aorta with Tracheal Compression following Breast Cancer Radiation therapy: A Case Report**
Josip Vincelj, Dubrava University Hospital, Zagreb, Croatia

P-003 **Title: Case Report on Integrative Cardiology and Acupuncture Treatment for Hypertension and Its Cofactors Such As Daily, Multiple, Long Lasting Vertigo and Occipital Migraines/Headaches**
Jutta Gassner, Atlantic Health System, USA

P-004 **Title: Discrepancy between NT-proBNP Data and Severity of Heart Failure**
Satomi Fujiwara, Sen-En Rifu Hospital, Japan

P-005 **Title: Impact of Degenerative Mitral Annular Calcification on Left Atrial Function**
Ghada Atia, Shebin Elkom teaching Hospital, Egypt

P-006 **Title: The Regulation of Mitochondrial NO Synthase Activity under Nitroglycerine Administration *in vivo***
Olga Akopova, AA Bogomoletz Institute of Physiology NAS of Ukraine, Kiev, Ukraine

Closing Ceremony

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