Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org.
## Track 1: Heart Diseases

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>11:25-11:45</td>
<td></td>
<td>James D Fett</td>
<td>University of Pittsburgh Medical Center, USA</td>
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<tr>
<td>11:45-12:05</td>
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<td>Xiaoping Ren</td>
<td>University of Cincinnati, USA</td>
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<td>12:05-12:25</td>
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<td>Laurentiu M Popescu</td>
<td>Carol Davila University of Medicine and Pharmacy, Romania</td>
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<td>12:25-12:45</td>
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<td>Emad Aziz</td>
<td>Columbia University College of Physicians &amp; Surgeons, USA</td>
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<tr>
<td>13:30-13:50</td>
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<td>Anastasia Susie Mihailidou</td>
<td>Royal North Shore Hospital &amp; University of Sydney, Australia</td>
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<td>13:50-14:10</td>
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<td>Anthony W Ashton</td>
<td>University of Sydney, Australia</td>
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<td>14:10-14:30</td>
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<td>Olga Stenina Adognravi</td>
<td>Cleveland Clinic, USA</td>
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<td>14:30-14:50</td>
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<td>Sitratullah Olawumni Maiyegun</td>
<td>Texas Tech University Health Science Center, USA</td>
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<td>14:50-15:10</td>
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<td>Tatsuya Shimizu</td>
<td>Tokyo Womens Medical University, Japan</td>
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<td>15:10-15:30</td>
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<td>Jodi Tinkel</td>
<td>The University of Toledo, USA</td>
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<td>15:30-15:50</td>
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<td>Anush Oganesian</td>
<td>University of Washington, USA</td>
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### Keynote Forum

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<tbody>
<tr>
<td>09:25-09:30</td>
<td>Introduction</td>
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<tr>
<td>09:30-09:55</td>
<td>Louis Samuels</td>
<td>Lankenau Medical Center, USA</td>
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<tr>
<td>09:55-10:20</td>
<td>Vincent Dor</td>
<td>Centre Cardiothoracique de Monaco, Monaco Cedex</td>
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<tr>
<td>10:35-11:00</td>
<td>Richard J Frink</td>
<td>Heart Research Foundation of Sacramento, USA</td>
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<tr>
<td>11:00-11:25</td>
<td>Ming K Heng</td>
<td>University of California Los Angeles, USA</td>
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### Opening Ceremony
16:05-16:25 Morin, a flavonoid, prevents lysosomal damage in experimental myocardial ischemic rats
Khalid S Al-Numair, King Saud University, Saudi Arabia

16:25-16:45 Antihyperlipidemic effect of melothria maderaspatana leaf extracts on DOCA-salt induced hypertensive rats
Mohammed A Alsaiif, King Saud University, Saudi Arabia

16:45-17:05 Nitric oxide and L-arginine metabolism intermediates in coronary heart disease
Vidosava B Djordjevic, Niš University, Serbia

Track 2: Congenital Heart Diseases
Session Introduction
11:30-11:50 Transcatheter coil embolization of congenital coronary artery fistula in a patient with severe dyspnea since childhood
Nassir Azimi, La Mesa Cardiac Center, USA

11:50-12:10 Response gene to complement 32 in cardiovascular diseases
Shiyou Chen, University of Georgia, USA

12:10-12:30 Biodegradable stents in congenital heart disease
Alan W Nugent, University of Texas Southwestern Medical Center, USA

12:30-12:50 Sudden death due to eosinophilic arteritis of a major coronary artery
Alexander Tuzov, National Center of Forensic Medicine, Israel

Lunch Break 12:50-13:30 @ Hickory

13:30-13:50 Cross influence of homocysteine and other risk factors in development and extent of coronary artery disease
Nenad Zlatanovikj, Private Medical Practice Cor-Medico, Republic of Macedonia

13:50-14:10 Erectile dysfunction and heart disease
Ramesh Singh Veriah, University Malaya Medical Centre, Malaysia

14:10-14:30 Studies on aortic and aortic valve diseases
Salah A Mohamed, Universitaetsklinikum Schleswig-Holstein, Germany

14:30-14:50 Cardiopulmonary resuscitation- How can we improve
A D John, Johns Hopkins Bayview Medical Center, USA

14:50-15:10 Ischemia Reperfusion Injury (I/R)
Najah R Hadi, Kufa College of Medicine, Iraq

15:10-15:30 Pulmonary arterial pressure response to unilateral pulmonary branch occlusion by balloon inflation was completely abolished by percutaneous pulmonary artery denervation
Shao-Liang Chen, Nanjing Medical University, P.R. China

Coffee Break 15:30-15:45 @ Hickory

15:45-16:05 Prevalence of obesity and cardiovascular risk factors in the population of low, moderate and high altitude regions of Kyrgyzstan (preliminary results)
Erkin Mirrakhimov, National Center of Cardiology and Internal Medicine, Kyrgyzstan

16:05-16:25 Acute myocardial infarction as first presentation of coronary heart disease in Saudi Arabia
Abdulaziz U Joury, King Saud University, Saudi Arabia

Panel Discussions
17:30-18:30 Cocktails sponsored by Journal of Clinical & Experimental Cardiology @ Hickory

Day 2 April 16, 2013
Willow
Session Introduction
09:00-09:30 Chew an aspirin and call me in the morning: Good health care available just about everywhere, good health caring - not so much
Frank King, Cardiac Comedian, USA

Track 3: Cardiac Therapeutic Agents
Session Introduction
09:30-09:50 Novel biomarkers for diastolic heart failure
Samuel C Dudley, University of Illinois at Chicago, USA

09:50-10:10 Spontaneous ventricular arrhythmias in early clinical trials: A report from a single and repeated ascending dose study
Antonio Ferrari, Chiesi Farmaceutici, Italy

10:10-10:30 Loss of tissue inhibitor of metalloproteinase-3 (Timp3) leads to abdominal aortic aneurysm formation in response to angiotensin II
Zamaneh Kassiri, University of Alberta, Canada
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<tr>
<td>10:30-10:50</td>
<td>ATP metabolism as biomarker target for cardiovascular protection and toxicity</td>
<td>Pollen K F Yeung, Dalhousie University, Canada</td>
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<tr>
<td>Coffee Break</td>
<td>Coffee Break 10:50-11:05 @ Pine</td>
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<tr>
<td>11:05-11:25</td>
<td>Pretreatment with morin, a flavonoid, ameliorates adenosine triphosphatases and glycoproteins in isoproterenol-induced myocardial infarction in rats</td>
<td>Govindasamy Chandramohan, King Saud University, Saudi Arabia</td>
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<tr>
<td>11:25-11:45</td>
<td>Design and development of a knowledge driven web based remote cardio patient data monitoring and diagnostic tool</td>
<td>H R Singh, Radha Govind Group of Institutions, India</td>
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**Track 4: Biophysics and Systems Biology**

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<tbody>
<tr>
<td>11:45-12:05</td>
<td>Extracellular purines in vascular endothelial barrier preservation</td>
<td>Alexander D Verin, Georgia Regents University, USA</td>
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<tr>
<td>12:05-12:25</td>
<td>A novel mechanism of SCNSA mutations causing mixed arrhythmias associated with dilated cardiomyopathy</td>
<td>Mohamed Chahine, Univesrse Laval, Canada</td>
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<tr>
<td>12:25-12:45</td>
<td>Ion channels phosphorylopathy: A link between genomic variations and heart arrhythmia</td>
<td>Saverio Gentile, Loyola University Chicago, USA</td>
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**Lunch Break 12:45-13:30 @ Pine**

**Track 5: Interventional Cardiology**

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<tr>
<td>11:05-11:25</td>
<td>Parallel cholesterol crystals: A sign of impending plaque rupture</td>
<td>Richard J Frink, Heart Research Foundation of Sacramento, USA</td>
</tr>
<tr>
<td>11:25-11:45</td>
<td>Minimally-invasive radiofrequency ablation for atrial fibrillation</td>
<td>Murad Abdelsalam, Pinnacle Health Cardiovascular Institute, USA</td>
</tr>
<tr>
<td>11:45-12:05</td>
<td>Abrogation of MMP9 ameliorates cardiac dysfunction in diabetes</td>
<td>Paras Kumar Mishra, University of Louisville School of Medicine, USA</td>
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<tr>
<td>12:05-12:25</td>
<td>Effect of traffic-related air pollution (PM2.5 fraction) on fast glycemia of aged obese type 2 diabetic mice</td>
<td>Marquezini M V, University of Sao Paulo Medical School, Brazil</td>
</tr>
<tr>
<td>12:25-12:45</td>
<td>Prescribing for smoking cessation: What do pharmacists need to know?</td>
<td>Marlene Shehata, Marlene Shehata Pharmaceuticals, Canada</td>
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**Coffee Break 10:50-11:05 @ Pine**

**Workshop**

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<tbody>
<tr>
<td>13:30-14:50</td>
<td>Tandem hypnotherapy (THT) as a new method functioned at sensori-motor level</td>
<td>Jozsef P Vas &amp; Noemi Csaszar, Hungarian Association of Hypnosis, Hungary</td>
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**Track 4: Biophysics and Systems Biology**

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<td>14:50-15:10</td>
<td>Myocardial TRPM7 channels: Biophysical properties and involvement in cardiac diseases</td>
<td>Bogdan Amuzescu, University of Bucharest, Romania</td>
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<tr>
<td>15:10-15:30</td>
<td>Micro RNAs control mitochondrial network in the heart</td>
<td>Peifeng Li, University of Illinois at Chicago, USA</td>
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</tbody>
</table>
Advanced cardiac imaging techniques in early recognition of heart failure
Fatih Yalcin, Johns Hopkins University, USA

Coffee Break 15:50-16:05 @ Pine

Electrocardiographic impacts of lung resection
Lovely Chhabra, University of Massachusetts Medical School, USA

Testosterone effects in the mesenteric vascular bed: ROS production, COX activation and leukocyte migration
Andrea Zago Chignalia, University of Sao Paulo, Brazil

Targeting hypertension in patients with cardiorenal metabolic syndrome
Edward Rojas, University of Zulia, Venezuela

Design of small synthetic molecules that mimic IL-4 binding to IL-4Ralpha, which therefore promotes alternate macrophage differentiation (M2) with minimal effect on the endothelial and vascular IL-4Ralpha
Murad H. Al-Salama, Jordan University of Science and Technology, Jordan

Panel Discussions
16:00-17:30 Poster Presentations @ Pine
17:30-18:30 Cocktails sponsored by Journal of Cardiovascular Pharmacology: Open Access @ Pine

Day 3 April 17, 2013 Willow

Track 7: Current Research in Cardiology

Session Introduction

09:00-09:20 Anti-thrombotic treatment in 21st century, Is this the end of warfarin era?
Ramin Artang, University of Nebraska Medical Center, USA

09:20-09:40 New generation coronary stents: The advantages and its limitations
Ramesh Singh Veriah, University Malaya Medical Centre, Malaysia

09:40-10:00 Cardiovascular implantable electronic device infections: State-of-the-heart
M. Rizwan Sohail, Mayo Clinic College of Medicine, USA

10:00-10:20 Atrial remodeling in permanent atrial fibrillation. Mechanism and implications
Norbert Jost, University of Szeged, Hungary

10:20-10:40 Transcatheter aortic valve implantation versus surgical aortic valve replacement for severe aortic stenosis: Results from an intermediate risk propensity-matched population of the Italian OBSERVANT Study
Fulvia Seccareccia, Istituto Superiore di Sanita, Italy

Coffee Break 10:40-10:55 @ Pine

10:55-11:15 Vildagliptin ameliorates atherosclerosis in hypercholesterolemic rabbits by down regulation of inflammatory and oxidative responses
Najah R Hadi, Kufa College of Medicine, Iraq

An unusual case of LV myoxma extending through aortic valve presented with antero septal myocardial infarction
Janardhana Rao Babburu, Sri Ramachandra Medical Centre & Research Institute, India

11:35-11:55 Assessment of regional and global myocardial systolic function by 2D longitudinal speckle tracking in elderly patients with normal LV function
Bhanu Duggal, Grant Medical College & Sir JJ group of Hospitals, India

11:55-12:15 Novel mutations in ND3 and Cyt b genes associated with coronary artery disease
Vijaya Padma Viswanadha, Bharathiar University, India

Monteleucast and Zileuton retard the progression of atherosclerosis via down regulation of the inflammatory and oxidative pathways
Najah R Hadi, Kufa College of Medicine, Iraq

Rabin Niroula and Lovely Chhabra, St. Vincent Hospital, USA

Lunch Break 12:55-13:35 @ Pine

Track 8: Cardiac Surgery

Session Introduction

13:35-13:55 Heart failure, LVAD, Destination therapy
Louis Samuels, Lankenau Medical Center, USA

The homeostatic intracellular repair response (HIR2) and autophagy during cardiac surgery
Robert M. Mentzer, Jr., Wayne State University School of Medicine, USA
14:15-14:35  Gastrointestinal bleeding with continuous flow assist devices
Geetha Bhat, Advocate Christ Medical Center, USA
Can we protect the brain against thrombo-embolism, by closing the left atrial appendix during open heart surgery regardless of atrial fibrillation diagnosis?
Helena Dominguez, Herlev University Hospital, Denmark
14:55-15:15  Cardiovascular surgery: Technical principles and inflammatory universe
Edmo Atique Gabriel, University of Sao Paulo, Brazil
Resection of the native aortic valve prior to percutaneous aortic valve implantation: A mandatory step?
Parla Astarci, University Hospital Saint-Luc Brussels, Belgium
14:35-14:55 Coffee Break 15:35-15:45 @ Pine
15:05-15:25 Blood loss and intraoperative salvage procedure in patients underwent re-operation coronary artery bypass
Maravic Stojkovic V, Dedlinje Cardiovascular Institute, Serbia
Should three slide-touch print cytology replace pleural lavage cytology for detection of pleural micrometastases in cases of bronchogenic carcinoma?
Hamdy Dosoky Elayouty, Suez Canal University, Egypt
16:05-16:25 Good results off pump coronary artery bypass grafting: Experience of 2013 cases
Jose De Oliveira Lima Junior, Hospital Santa Cruz, Brazil
15:45-16:05 Award Ceremony