Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: genomics2013@omicsonline.net
Coffee Break 10:45-11:00 @ Foyer

Track 1: Genomes & Genomics
Session Chair: Giulio Maria Pasinetti, Icahn School of Medicine at Mount Sinai, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Introduction</th>
</tr>
</thead>
</table>
| 11:00-11:20 | A rare mutation of CACNA1C in a patient with Bipolar disorder, and decreased gene expression in brain associated with a Bipolar-associated common SNP of CACNA1C  
Elliot S. Gershon, The University of Chicago, USA |
| 11:20-11:40 | Genetic polymorphisms associated with high risk to develop dementia in subject with TBI history  
Giulio Maria Pasinetti, Icahn School of Medicine at Mount Sinai, USA |
| 11:40-12:00 | Brain expression QTLs and GWAS signals of psychiatric diseases  
Chunyu Liu, University of Illinois at Chicago, USA |

Lunch Break 12:40-13:30 @ Athens

Track 2: Evolutionary Genomics
Track 3: Biomarkers & Molecular Markers
Track 4: Proteomics
Session Chair: Alexander Bolshoy, University of Haifa, Israel

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Introduction</th>
</tr>
</thead>
</table>
| 13:30-13:50 | Genome wide hydroxymethylation tested using the HELP-GT assay shows redistribution in cancer  
Sanchari Bhattacharyya, Albert Einstein College of Medicine, USA |
| 13:50-14:10 | Investigating mechanisms of genome maintenance through protein and chromatin interactions  
Sudha Sharma, Howard University, USA |
| 14:10-14:30 | Breast cancer mutations linked to viral infections  
Bernard Friedenson, UIC College of Medicine, USA |
| 14:30-14:50 | Wnt5a/beta-catenin signaling pathway as a new molecular target for developing therapeutic strategies for keloid  
M. Ghazizadeh, Nippon Medical School, Japan |

Coffee Break 15:50-16:05 @ Foyer
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:05-16:25</td>
<td>Retrotransposons as the key for the evolution of genomic imprinting in mammals</td>
<td>Shunsuke Suzuki</td>
<td>Shinshu University, Japan</td>
</tr>
<tr>
<td>16:25-16:45</td>
<td>Evolutionary dynamics of human autoimmune disease genes and malfunctioned immunological genes</td>
<td>Soumita Podder</td>
<td>Bose Institute, India</td>
</tr>
<tr>
<td>16:45-17:05</td>
<td>Receptor tyrosine kinases fall into distinct classes based on their inferred signaling networks</td>
<td>Alejandro Wolf-Yadlin</td>
<td>University of Washington, USA</td>
</tr>
<tr>
<td>17:05-17:25</td>
<td>Epithelial-mesenchymal transition (EMT) linked with stem-cell properties</td>
<td>Yasuo Iwadate</td>
<td>Chiba University, Japan</td>
</tr>
<tr>
<td>17:25-17:45</td>
<td>Genomic determinants of congenital mental retardation assorted through linkage analysis with STR markers in consanguineous families</td>
<td>Muhammad Yasir Zahoor</td>
<td>University of Veterinary &amp; Animal Sciences, Pakistan</td>
</tr>
</tbody>
</table>

18:30-19:30 Cocktails Sponsored by Journal of Data Mining in Genomics & Proteomics @ Athens

---

### Day 2 November 13, 2013 Vienna

**Track 5: Functional & Comparative Genomics**

**Session Chair:** Gil Atzmon, Albert Einstein College of Medicine, USA  
**Session Co-Chair:** Gary A. Bulla, Eastern Illinois University, USA

#### Session Introduction

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:20</td>
<td>ENCODE recombination and longevity</td>
<td>Gil Atzmon</td>
<td>Albert Einstein College of Medicine, USA</td>
</tr>
<tr>
<td>09:20-09:40</td>
<td>Mapping genetic networks that dictate the mammalian liver phenotype using whole genome microarrays</td>
<td>Gary A. Bulla</td>
<td>Eastern Illinois University, USA</td>
</tr>
<tr>
<td>09:40-10:00</td>
<td>Functional screening identifies Siah2 as a novel circadian clockwork ubiquitin ligase</td>
<td>Jason P. DeBruyne</td>
<td>Morehouse School of Medicine, USA</td>
</tr>
<tr>
<td>10:00-10:20</td>
<td>Deep sequencing plant defense responses</td>
<td>Vincent Klink</td>
<td>Mississippi State University, USA</td>
</tr>
</tbody>
</table>

**Coffee Break:** 10:20-10:35 @ Foyer

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:35-10:55</td>
<td>Functional consequences of genomic abnormalities</td>
<td>Evica Rajcan-Separovic</td>
<td>University of British Columbia, Canada</td>
</tr>
<tr>
<td>10:55-11:15</td>
<td>Evolutionary studies of some species belonging to Leguminosae family based on rbcl gene</td>
<td>Sagar Patel</td>
<td>Sardar Patel University, India</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Olea europaea (olive) leaf extract alters miRNA expression in GBM cell lines and GBM stem cells</td>
<td>Gulcin Tezcan</td>
<td>Uludag University, Turkey</td>
</tr>
</tbody>
</table>

**Track 6: Pharmacogenomics**

**Track 7: Genome Sequencing & Mapping**

**Session Chair:** Jatinder Lamba, University of Minnesota, USA

#### Session Introduction

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:35-11:55</td>
<td>Cancer pharmacogenomics: Discovery science and translational science</td>
<td>Liewei Wang</td>
<td>Mayo Clinic, Rochester, USA</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Pharmacogenomics of breast cancer endocrine therapy</td>
<td>Richard Weinshilboum</td>
<td>Mayo Clinic, Rochester, USA</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Pharmacogenomics of AML: A road towards personalized medicine</td>
<td>Jatinder Lamba</td>
<td>University of Minnesota, USA</td>
</tr>
</tbody>
</table>

**Lunch Break:** 12:35-13:25 @ Athens

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:25-13:45</td>
<td>FADS polymorphisms and plasma levels of omega-3 fatty acids</td>
<td>Michael H. Davidson</td>
<td>University of Chicago, USA</td>
</tr>
<tr>
<td>13:45-14:05</td>
<td>Whole-genome and epigenome sequencing identified novel Epstein–Barr virus-associated functional mutations and epigenetic gene silencing in gastric cancer</td>
<td>Qiaoyi Liang</td>
<td>The Chinese University of Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>14:05-16:05</td>
<td>Workshop on Legal, legislative, regulatory and reimbursement issues of genomics in personalized medicine</td>
<td>Christina Chamberlain</td>
<td>Chamberlain Legal Services, USA</td>
</tr>
</tbody>
</table>

**Coffee Break:** 16:05-16:20 @ Foyer

16:20-17:20 Poster Presentations @ Athens

18:30-19:30 Cocktails Sponsored by Journal of Pharmacogenomics & Pharmacoproteomics @ Athens
Day 3  
November 14, 2013
Vienna

Track 8: Bioinformatics in Genomics & Proteomics

Session Chair: William C. Reinhold, National Cancer Institute, USA
Session Co-Chair: Luciano Brocchieri, University of Florida, USA

Session Introduction

09:00-09:20  
Current and up-coming analysis tools for the NCI-60 in CellMiner: Resources for data integration and systems pharmacology  
William C. Reinhold, National Cancer Institute, USA

09:20-09:40  
Algorithm of ancestral gene lengths reconstruction  
Alexander Bolshoy, University of Haifa, Israel

09:40-10:00  
Quantitative frame analysis and gene discovery in prokaryote genomes  
Luciano Brocchieri, University of Florida, USA

10:00-10:20  
Matrix algorithms for genome evolution (MAGE)  
Alexei Fedorov, University of Toledo, USA

Coffee Break 10:20-10:35 @ Foyer

Session Introduction

10:35-10:55  
From genomics to spatio-temporal organization of cellular processes: What can confocal microscopy tell us about the mechanism of DNA repair and formation of chromosomal translocations?  
Martin Falk, Academy of Sciences of CR, Czech Republic

10:55-11:15  
Enabling drug discovery in the cloud with comparative genomics  
Gerald J. Wyckoff, University of Missouri-Kansas City, USA

11:15-11:35  
Utilizing functional genomics and systems biology to understand perinatal lung maturation and associated diseases  
Yan Xu, University of Cincinnati, USA

11:35-11:55  
LYNX-a systems biology platform for integrative medicine  
Natalia Maltsev, The University of Chicago, USA

11:55-12:15  
GSV/mGSV: Web-based genome synteny visualization tools for customized data  
Qunfeng Dong, University of North Texas, USA

12:15-12:35  
Ensemble regulation of large gene systems  
Istvan Ladunga, University of Nebraska-Lincoln, USA

Lunch Break 12:35-13:25 @ Athens

Track 9: Plant & Ecological Genomics  
Track 10: Future Aspects & Emerging Fields

Session Chair: Ning-Sun Yang, Academia Sinica, Taiwan

Session Introduction

13:25-13:45  
The Inflammation-modulatory networking activities of medicinal phytochemicals: Revealed by omics studies  
Ning-Sun Yang, Academia Sinica, Taiwan

13:45-14:05  
Highly rearranged and size-variable chloroplast genomes in conifer II clade (cupressophytes): Selection toward shorter intergenic spacers  
Shu-Min Wang, Academia Sinica, Taiwan

14:05-14:25  
Cloning and expression profiling of polycomb gene, Retinoblastomarelated (RBR) from tomato Solanum lycopersicum L.  
Zainab M. Almutairi, Salman bin Abdulaziz University, Saudi Arabia

14:25-14:45  
The relationship between polymorphisms of ADRB2 gene and wheezing illness in 0-5 years children  
Hai-Hao Su, Guangdong Women and Children's Hospital, China

14:45-15:05  
Identification of hot-spot regions of N-type Ca2+ channel receptor by its homology model and molecular dynamics based blocker design  
C. Gopi Mohan, Amrita Vishwa Vidyapeetham University, India

Award Ceremony

Coffee Break 15:05-15:20 @ Foyer