

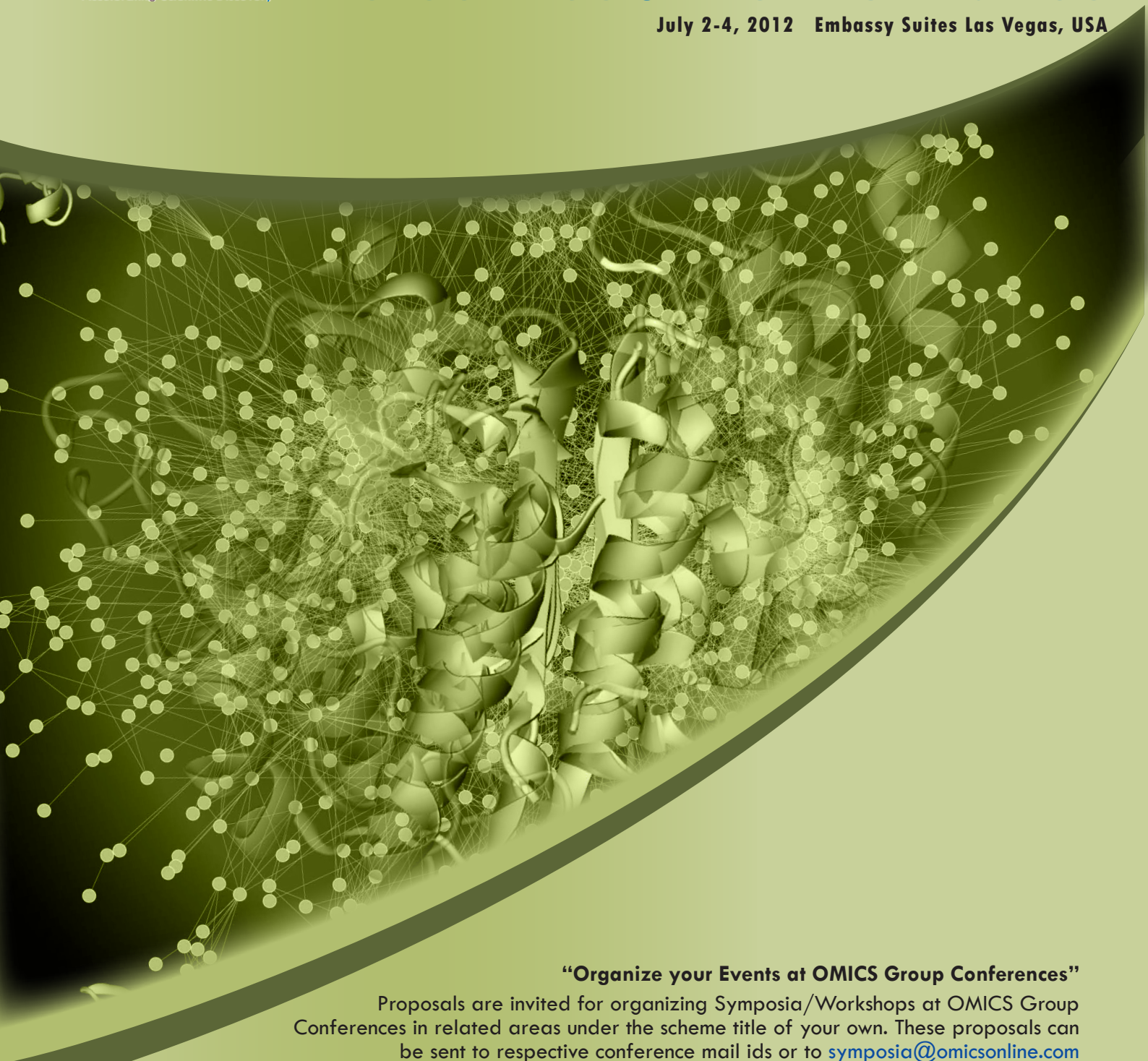
# *Scientific Program*



2<sup>nd</sup> International Conference on

## **Proteomics & Bioinformatics**

July 2-4, 2012 Embassy Suites Las Vegas, USA



### **“Organize your Events at OMICS Group Conferences”**

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.com](mailto:symposia@omicsonline.com)

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Email: [proteomics2012@omicsonline.org](mailto:proteomics2012@omicsonline.org)



## Keynote Forum

09:55-10:00 Introduction

10:00-10:25 **Andrew k. Ottens**

Virginia Commonwealth University School of Medicine, USA

10:25-10:50 **Anja Nohe**

University of Delaware, USA

Coffee Break 10:50-11:05

11:05-11:30 **Sarath Chandra Janga**

Indiana University, USA

11:30-11:55 **Michelle Hill**

University of Queensland, Australia

### Track 1: Recent Developments in Proteomic Technology

#### Session Introduction

- 11:55-12:15 **Title: Discovery of diagnostic and prognostic biomarkers – high throughput proteomic analysis of urine and blood plasma samples of patients undergoing image-guided tumor ablation**  
**Djuro Josic**, Brown University, USA
- 12:15-12:35 **Title: Integrative multi-omics analysis facilitates discovery and understanding of key biological pathways**  
**Steven M. Fischer**, Agilent Technologies, USA
- 12:35-12:55 **Title: Proteomic profiling of inflammatory signaling molecules in the tears of patients on chronic glaucoma medication**  
**Tina T Wong**, National Eye Centre, Singapore

Lunch Break 12:55-13:30

- 13:30-13:50 **Title: Identification of mitochondrial proteins related to nasopharyngeal carcinoma metastasis**  
**Xianquan Zhan**, Central South University, China
- 13:50-14:10 **Title: Proteomic Profiling of Cellular Spatiotemporal Processes Related to Human Artificial Arteries Models**  
**Mario Hugo Genero**, Buenos Aires University, Argentina

### Track 2: Molecular & Cellular Proteomics

### Track 3: Human Proteome Technologies

- 14:10-14:30 **Title: Quantitative proteomic analysis of histone exchange and chromatin dynamics**  
**Alan Tackett**, University of Arkansas for Medical Sciences, USA
- 14:30-14:50 **Title: Application of the high-sensitivity pulsed dipolar ESR spectroscopy to membrane protein structure and function**  
**Elka R. Georgieva**, Cornell University, USA
- 14:50-15:10 **Title: EPSVR and EPMeta: prediction of discontinuous B-cell epitopes using support vector regression and multiple server results**  
**Chi Zhang**, University of Nebraska, USA

Coffee Break 15:10-15:25

- 15:25-15:45 **Title: The use of nomogram predictions as comparators in a phase II prostate cancer adjuvant treatment trial**  
**Zhenyu Jia**, University de Montreal, Canada
- 15:45-16:05 **Title: Eukaryotic Secretome Prediction and Knowledge-Base Development**  
**Xiang Jia Min**, Youngstown State University, USA

- 16:05-16:25** Title: **A quantitative proteomic analysis of FFPE melanoma**  
**Alan Tackett**, University of Arkansas for Medical Sciences, USA
- 16:25-16:45** Title: **Personal health monitoring and preventative medicine with integrative personal omics profiling**  
**Rui Chen**, Stanford University, USA
- 16:45-17:05** Title: **Membrane proteomics**  
**Lifeng Peng Victoria**, University of Wellington, New Zealand
- 17:05-17:25** Title: **Mapping proteome alterations induced upon inflammatory activation, proliferation, and transformation to the nuclear extract, cytoplasm and secretome**  
**Christopher Gerner**, University of Vienna, Austria
- 17:25-17:45** Title: **Identification of intact cross links in proteins and peptides using tandem mass spectrometry**  
**Hua Xu**, Case Western Reserve University, USA
- 17:45-18:00** Panel Discussion

### Editorial Board Meetings

**18:30-19:30** Cocktails Sponsored by: Journal of Proteomics & Bioinformatics

**Day 2**

**July 03, 2012**

**Tropicana 2**

**Breakfast 08:00-09:00**

**08:30-09:00** Registrations

**Track 4: Practical Applications of Proteomics in Medicine**

**Track 5: Disease Proteomics**

**Track 6: Exploiting Proteome Bioinformatics & Drug Development**

**Session Introduction**

- 09:00-09:20** Title: **Identification of target protein of anti-angiogenic small molecule via chemical proteomics**  
**Ho Jeong Kwon**, Yonsei University, Korea
- 09:20-09:40** Title: **Serum proteome analysis of falciparum and vivax malaria: search for surrogate protein markers**  
**Sanjeeva Srivastava**, Indian Institute of Technology Bombay, India
- 09:40-10:00** Title: **Distinct perturbation of the translome by the anti-diabetic drug metformin**  
**Ola Larsson**, Karolinska Institute, Sweden
- 10:00-10:20** Title: **Renal proteome in mice with different susceptibility to fluorosis**  
**Marília Buzalaf**, University of Sao Paulo, Brazil
- 10:20-10:40** Title: **Human in vivo protein synthesis and degradation, i.e. turnover, more important than quantity?**  
**Gerrit Van Hall**, University of Copenhagen, Denmark

**Coffee Break 10:40-10:55**

- 10:55-11:15** Title: **Dissecting the phosphorylation network in abscisic acid signaling**  
**Jiaxu Li**, Mississippi State University, USA
- 11:15-11:35** Title: **Exploring host-pathogen interactions with quantitative proteomics**  
**Leonard J. Foster**, University of British Columbia, Canada
- 11:35-11:55** Title: **Genome-scale regulation of protein levels and microbial physiology**  
**Laurence Girbal**, Biosystems and Chemical Engineering Laboratory, France
- 11:55-12:15** Title: **Structural analysis of an enzyme from Shikimate pathway from Plasmodium falciparum: a novel target for antimalaria drug discovery**  
**Pravindra Kumar**, Indian Institute of Technology-Roorkee, India
- 12:15-12:35** Title: **Ionotropic glutamate receptors revealed higher selectivity to-ODAP compared to its native agonist-glutamate**  
**Amol L. Shirfule**, National Institute of Nutrition, India

**Lunch Break 12:35-13:15**

**Track 7: Biopharmaceuticals and Gene Therapy**

**Track 8: Biomedical Informatics**

**Track 9: Data Mining and Computational Biology**

- 13:15-13:35** Title: **Exploring salivary proteomes in oral and systemic diseases**  
**Sompop Bencharit**, University of North Carolina, USA



13:35-13:55	<b>Title: Discovering novel lipopeptides: targeting polymyxin-resistant Gram-negative 'superbugs'</b> <b>Tony velkov</b> , Monash University, Australia
13:55-14:15	<b>Title: Biopharmaceuticals and Gene Therapy: Chemi-informatics</b> <b>Shirpa Roy</b> , Sarojini Naidu Government Autonomous College, India
14:15-14:35	<b>Title: Multiplex cytokine assay for evaluation of immuno-inflammatory activity of biomedical materials concerned with various inflammatory proteins of macrophages</b> <b>Wansu Park</b> , Gachon University, Korea
14:35-14:55	<b>Title: Development of an In Silico Model for Predicting Activation of Promiscuous Drug Transporter hPXR</b> <b>Max K. Leong</b> , National Dong Hwa University, Taiwan
14:55-15:15	<b>Title: Effect of fluoride on bone of mice with different susceptibility to fluorosis: proteomic analysis</b> <b>Camila Buzalaf</b> , University of Sao Paulo, Brazil
15:15-15:35	<b>Title: Resistance Protein Network Obtained Through Genomic Data Integration</b> <b>Luis Leal</b> , Universidad Nacional de Colombia, UK
15:35-15:45	<b>Panel Discussion</b>
<b>Coffee Break 15:45-16:00</b>	
16:00-17:00	<b>Poster Presentations</b> <span style="float: right;"><b>Tropicana 2</b></span>
<b>Editorial Board Meetings</b>	
18:00-19:00	<b>Cocktails</b> <span style="float: right;"><b>Sponsored by: Journal of Pharmacogenomics &amp; Pharmacoproteomics</b></span>

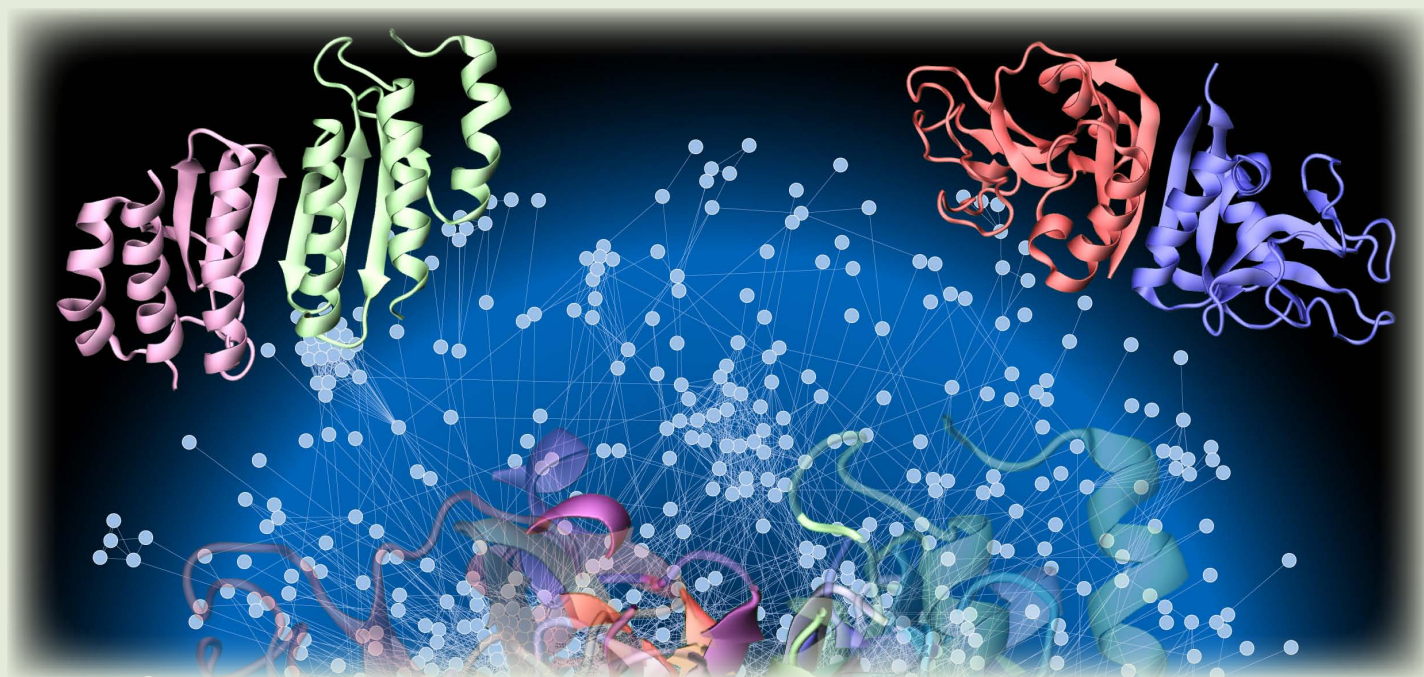
**Bookmark your dates**



3<sup>rd</sup> International Conference on

# Proteomics & Bioinformatics

July 15-17, 2013 Philadelphia, USA



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