Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference on
Predictive, Preventive and Personalized Medicine & Molecular Diagnostics

November 03-05, 2014 Embassy Suites Las Vegas, USA



Collaborations

American College of Lifestyle Medicine

Worldwide Pharma Connections

7th Santorini Conference Biologie Prospective Systems Medicine, Personalized Health and Therapy in collaboration with ESPT September 25 - 27, 2014

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"Organize your Events at OMICS Group Conferences"

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
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Day 1 November 03, 2014

08:00-09:00 Registrations

Tropicana - 1

09:00-09:25 **Opening Ceremony**

Keynote Forum

09:25-09:30 **Introduction**

09:30-09:55 **Vincent Gallicchio**
Clemson University, USA

09:55-10:20 **Sergey Suchkov**
I M Sechenov First Moscow State Medical University, Russia

10:20-10:45 **Mukesh Verma**
National Cancer Institute, USA

Coffee Break 10:45-11:05 @ Atrium

11:05-11:30 **Claudio Nicolini**
University of Genova, Italy

Track 1: Current Focus Strategies on Personalized Medicine
Track 2: Clinical Aspects of Predictive, Preventive, Personalized Medicine
Track 3: Genomics Evolution
Track 4: Molecular Diagnostics
Track 5: Molecular Biomarkers

Session Chair: Mukesh Verma, National Cancer Institute, USA
Session Co-Chair: Vincent Gallicchio, Clemson University, USA

Session Introduction

11:30-11:50 **Title: Pharmacogenomics at Boston children's hospital**
Catherine Brownstein, Boston Children's Hospital, USA

11:50-12:10 **Title: Advancement in personalized imaging**
David Cheng, Sidra Medical and Research Center, Qatar

12:10-12:30 **Title: Patient individual reconstruction of bony defects in the maxillo-facial region using magnesium implants produced with selective laser melting (SLM) technique- An *in vitro* study**
Julia Matena, University of Veterinary Medicine, Germany

12:30-12:50 **Title: The association between TCM syndromes and SCAP polymorphisms insubjects with non-alcoholic fatty liver disease**
Tao Wu, Shanghai University of Traditional Chinese Medicine, China

12:50-13:10 **Title: Personalized Medicine and statin side effects: Fact or fiction?**
Alice Zemljic-Harpf, University of California, USA

Lunch Break 13:10-14:10 @ Atrium

14:10-14:30 **Title: Management of acute decompensated right sided heart failure associated with postoperative pulmonary hypertension**
Jing-bin Huang, Guangxi University of Chinese Medicine, China

14:30-14:50 **Title: Structure-based investigations of the effects of missense mutations associated with human disorders**
Emil Alexov, Clemson University, USA

14:50-15:10 **Title: Use specific response toward environment as a selective marker for therapy in breast cancer cells**
Hsiu-Ni Kung, National Taiwan University, Taiwan

15:10-15:30 **Title: Development of a new predisposition SNP-panel focused on customized dite and physical activity setting**
Cristina Patassini, Genetyx S.R.L., Italy

15:30-15:50 **Title: Lung cancer epigenetics: Lessons from the mouse embryo to develop novel approaches for early diagnosis and therapy of lung cancer**
Guillermo Barreto, Max Planck Institute for Heart and Lung Research, Germany

Coffee Break 15:50-16:10 @ Atrium

16:10-16:30 **Title: The protease fibroblast activation proteinas a biomarker and therapeutic target in cancer and chronic liver injury**
Mark D Gorrell, University of Sydney, Australia

16:30-16:50 **Title: A novel approach for unique MRD markers identification in acute leukemia patients**
Tereza Jancuskova, CHAMBON, Czech Republic

16:50-17:10	**Title: SNAP NAPPA microarrays and mass spectrometry for personalized medicine and molecular diagnosis** **Evgeniya Peshkova**, University of Genova, Italy
17:10-17:30	**Title: Dysregulated redox balance associated with glutamate excitotoxicity in autism spectrum disorders** **Afaf El-Ansary**, King Saud University, Saudi Arabia
17:30-17:50	**Title: Role of bone morphogenetic protein-2 in primary knee osteoarthritis** **Abeer Kadry El Zohiery**, Ain Shams University, Egypt
17:50-18:10	**Title: New opportunities in a personalized approach to the preleukemic phase of myelodysplastic syndrome and acute myelogenous leukemia** **Emmanuel C Besa**, Thomas Jefferson University, USA
18:10-18:30	**Panel Discussion**
18:30-19:30	Cocktails sponsored by **Journal of Pharmacogenomics & Pharmacoproteomics @ Atrium**

Day 2 November 04, 2014

Tropicana - 1

Keynote Forum

09:30-09:55 **Ananda S Prasad**
Wayne State University School of Medicine, USA

Track 6: Nanotechnology
Track 7: Therapeutic Vaccines
Track 8: Translational Research in Personalized Medicine
Track 11: Cancer Immunology & Oncology

Session Chairs: Claudio Nicolini, University of Genova, Italy
Session Co-Chair: Anton Yuryev, Elsevier, USA

Session Introduction

09:55-10:15	**Title: Next-generation sequencing in personalized medicine** **Frank S Ong**, Illumina Inc., USA
10:15-10:35	**Title: Construction of cancer pathways for personalized medicine** **Anton Yuryev**, Elsevier, USA
10:35-10:55	**Title: Gene expression profiling for targeted cancer treatment** **Luminita Castillos**, Personalized Hematology-Oncology of Wake Forest, USA
	Coffee Break 10:55-11:15 @ Atrium
11:15-11:35	**Title: Molecular-guided therapeutic trials in pediatric cancer** **Jessica Foley**, Helen DeVos Children's Hospital, USA
11:35-11:55	**Title: Organization and analysis of large scale mutation datasets produced by next generation sequencing technologies** **Alireza Hadj Khodabakhshi**, Genomic Institute of Novartis Research Foundation, USA
11:55-12:15	**Title: Linking tissue microarchitectures to rationalized molecular diagnostics in glandular cancers** **Kelvin K Tsai**, National Institute of Cancer Research, Taiwan
12:15-12:35	**Title: Influence of adiposity on the association of omega-3 and omega-6 intake with mammographic breast density** **Caroline Diorio**, Laval University, Canada
12:35-12:55	**Title: Replication of associations of two polymorphisms with survival times in colorectal cancer** **Sevtap Savas**, Memorial University of Newfoundland, Canada
12:55-13:15	**Title: External immune stimulation and its impact on the honey bee apis Mellifera jementica in Saudi Arabia** **Tahany H Ayaad**, King Saud University, Saudi Arabia
	Lunch Break 13:15-14:15 @ Atrium
14:15-14:35	**Title: Recursive partitioning method on survival outcomes for personalized medicine** **Wei Xu**, University of Toronto, Canada
14:35-14:55	**Title: Role of microRNAs in atrial fibrillation** **Amir Y Shaik**, University of Massachusetts Medical School, USA
14:55-15:15	**Title: Symposium on Lithium still interesting after all these years** **Vincent Gallicchio**, Clemson University, USA
15:15-15:35	**Title: The utility of five color primary screening antibodies panel used in flowcytometric immunophenotyping of Acute Leukemia** **Pranay Tanwar**, All India Medical Institute, India
15:35-15:55	**Title: Gastric cancer therapy by targeting erythroid proteins** **Guo-HuiFu**, Shanghai Jiao Tong University School of Medicine, China
	Coffee Break 15:55-16:15 @ Atrium
10:55-14:15	**Poster Presentations @ Atrium**
18:00-19:00	Cocktails sponsored by **Journal of Pharmaceutics & Drug Delivery Research @ Atrium**

Day 3 November 05, 2014

Tropicana - 1

Track 9: Pain & Emergency Medicine
Track 10: Lifestyle Medicine

Session Chair: Sergey Suchkov, Moscow State Medical University, Russia
Session Co-Chair: Trevor G Marshall, Autoimmunity Research Foundation, USA

Session Introduction

09:00-09:20	**Title: Working conditions, socioeconomic factors and low birth weight: Path analysis** **Zohreh Mahmoodi,** Alborz university of medical sciences, Iran
09:20-09:40	**Title: 3D-tissue engineered bone marrow as predictive tool for personalized therapy in multiple myeloma** **Abdel Kareem Azab,** Washington University in Saint Louis School of Medicine, USA
09:40-10:00	Workshop on **Title: Antibody-proteases as a generation of novel biomarkers and highly informative molecular tools to predict and to prevent demyelination** **Sergey Suchkov,** EPMA Member, Moscow State Medical University, Russia
10:00-10:20	**Title: Postinfectious autoimmune syndrome (PIFAS) as a pathogenic and predictive factor to trigger chronic diseases of infectious origin (CDIO)** **Sergey Suchkov,** I M Sechenov First Moscow State Medical University, Russia
10:20-10:40	**Title: Autoimmune inflammation and the human microbiome** **Trevor G Marshall,** Autoimmunity Research Foundation, USA

Coffee Break 10:40-11:00 @ Atrium

11:00-11:20	**Title: Microbiome-induced proteome dysbiosis in autoimmune disease** **Trevor G Marshall,** Autoimmunity Research Foundation, USA
11:20-11:40	**Title: Predictive, preventive and personalized medicine (PPPM) as being an integrative part of healthcare services to move ahead** **Sergey Suchkov,** I M Sechenov First Moscow State Medical University, Russia
11:40-12:00	**Title: Fibromyalgia and chronic fatigue syndrome (CFS): Translational biomarkers as applicable to monitor and to predict clinical manifestations** **Kirill Shlyapnikov,** I M Sechenov First Moscow State Medical University, Russia
12:00-12:20	**Title: Microbiota and mental health with the emphasize of the role of autoantibodies** **Afaf El-Ansary,** King Saud University, Saudi Arabia
12:20-12:40	**Title: Multiple system atrophy - An updated review for medical practitioners** **Saleem Meerani,** Steward Carney Hospital, USA
12:40-13:00	**Panel Discussion & Award Ceremony**

Lunch Break 13:00-14:00 @ Atrium

Bookmark your dates

OMICS Group Conferences
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3rd International Conference on
Predictive, Preventive and Personalized Medicine & Molecular Diagnostics
September 01-03, 2015 Valencia, Spain



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