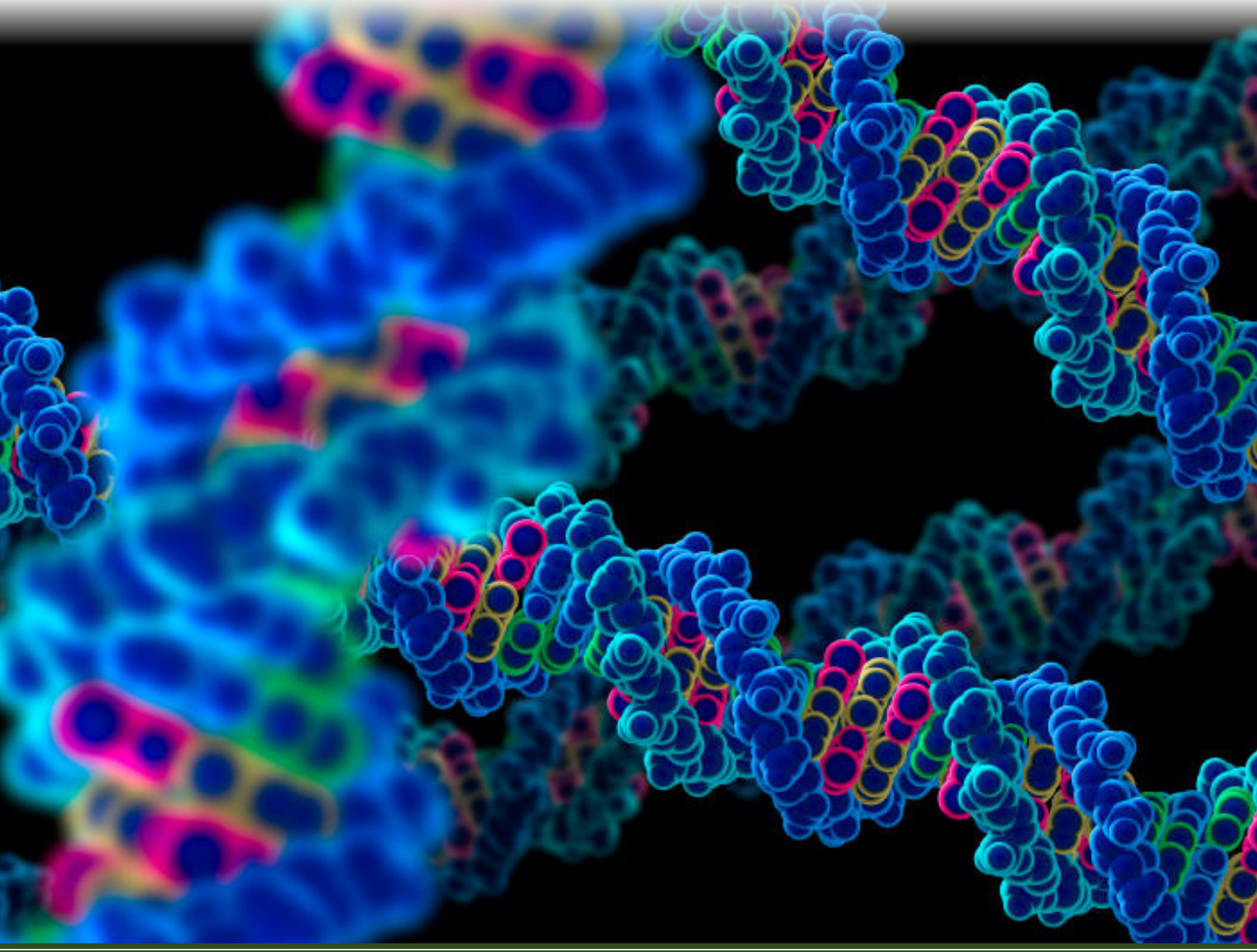
Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

International Conference on
Omics Studies

September 04-05, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA



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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: *omicsstudies2013@omicsonline.net*

Day 1 September 04, 2013

08:30-09:30 Registrations

International C

OMICS Group Conferences
Accelerating Scientific Discovery

09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:30 **William C. Reinhold**
Laboratory of Molecular Pharmacology, USA

10:30-10:55 **Norberto Peporine Lopes**
University of São Paulo, Brazil

Coffee Break 10:55-11:10 @ Foyer

Track 1: Genomics
Track 2: Transcriptomics and Gene Prediction
Track 3: Proteomics and Glycomics

Session Chair: Jimmy Efird, Brody School of Medicine, USA
Session Co-Chair: Vitor H. Pomin, Federal University of Rio de Janeiro, Brazil

Session Introduction

11:10-11:30	**Title: MetaboSeq: A clinical fatty acid oxidation disorders next-generation sequencing panel** **C. Alexander Valencia**, Cincinnati Children Hospital Medical Center, USA
11:30-11:50	**Title: Computing exact confidence intervals for informational odds ratios in cancer genomic association studies** **Jimmy T. Efird**, Brody School of Medicine, USA
11:50-12:10	**Title: Understanding chemical-induced adverse effects with neuroproteomics** **Prasada Rao S Kodavanti**, National Health and Environmental Effects Research Laboratory, USA
12:10-12:30	**Title: The effect of experimental design and analysis tool parameter optimization in RNA-Seq data analysis** **Natalie Abrams**, National Institutes of Health, USA
12:30-12:50	**Title: Application of focused metabolomics to cancer risk screening** **Takeshi Kimura**, Ajinomoto Co., Inc., Japan
12:50-13:10	**Title: Fucanomics and galactanomics** **Vitor H. Pomin**, Federal University of Rio de Janeiro, Brazil

Lunch Break 13:10-14:00 @ Upper Restaurant

Track 8: Canceromics

Session Chair: Agnieszka Adamczyk, Maria Skłodowska-Curie Memorial Institute, Poland
Session Co-Chair: Joanna Niemiec, Maria Skłodowska-Curie Memorial Institute, Poland

Session Introduction

14:00-14:20	**Title: Using cellminer and the NCI-60 cancerous cell lines for systems pharmacology** **William C. Reinhold**, National Cancer Institute, USA
14:20-14:40	**Title: Breast cancer cell cycle through the proteomics perspective** **Iulia M. Lazar**, Virginia Polytechnic Institute and State University, USA
14:40-15:00	**Title: The VH CDR2 peptide C7H2 interferes in actin dynamics, induces apoptosis in B16F10-Nex2 cells in vitro and activates dendritic cells to reduce metastasis in a melanoma syngeneic model** **Denise Costa Arruda**, Federal University of Sao Paulo, Brazil
15:00-15:20	**Title: A functional link between ER and the Breast Cancer SNP rs7716600** **Antoni Hurtado**, University of Oslo, Norway

Coffee Break 15:20-15:35 @ Foyer

15:35-15:55	**Title: Cytokine proteome paves the way to redox signaling in tumor microenvironment** **Dunyaporn Trachootham**, Thammasat University, Thailand
15:55-16:15	**Title: Distribution of podoplanin labelled tumor vessels, MIB-1 LI, Basal markers, and CD44/CD24 expression as prognostic parameters in node-positive breast cancer patients treated with anthracyclines and/or taxanes** **Joanna Niemiec**, Maria Sklodowska-Curie Memorial Institute, Poland
16:15-16:35	**Title: A comparative immunohistochemical analysis of steroid receptors, basal markers, breast stem cell markers, adhesion molecules and Ki67 expression in primary breast cancer and in lymph node metastases** **Agnieszka Adamczyk**, Maria Sklodowska-Curie Memorial Institute, Poland
16:35-16:55	**Title: Asbestos: fifty years of working exposure in Campania and in other regions of Italy through INAIL experience** **Rosella Continisio**, INAIL Direzione Regionale per la Campania, Italy
16:55-17:55	Poster Presentations @ Lower Atrium
17:55-18:55	Cocktails Sponsored by **Journal of Proteomics & Bioinformatics**

Day 2 September 05, 2013

International C

Track 4: Metabolomics and Metabonomics
Track 5: Computational Biology and Bioinformatics
Track 6: Sequencing and Alignment
Track 7: Bioinformatics in Biopharmaceuticals & Medicine

Session Chair: Erdem Buyukbingol, Ankara University, Turkey
Session Co-Chair: Victor P. Andreev, University of Miami, USA

Session Introduction

09:30-09:50	**Title: Exploring protein function prediction and ligand-protein associations via computational chemogenomics** **Maria Kontoyianni,** Southern Illinois University Edwardsville, USA
09:50-10:10	**Title: Next Generation Sequencing in clinical diagnostic laboratories: Improvement on patient's quality of care** **Victor Wei Zhang,** Baylor College of Medicine, USA
10:10-10:30	**Title: Electroosmosis: A possible role in the intracellular transport** **Victor P Andreev,** University of Miami, USA
10:30-10:50	**Title: OMICS analyses identify genes, proteins and peptides of Mycobacterium tuberculosis useful for diagnosis and new vaccine** **Abu Salim Mustafa,** Kuwait University, Kuwait
10:50-11:10	**Title: Plant metabolomics by MALDI-MS: Comprehension of ionization and fragmentation processes** **Denise Brentan da Silva,** University of Sao Paulo (FCFRP-USP), Brazil

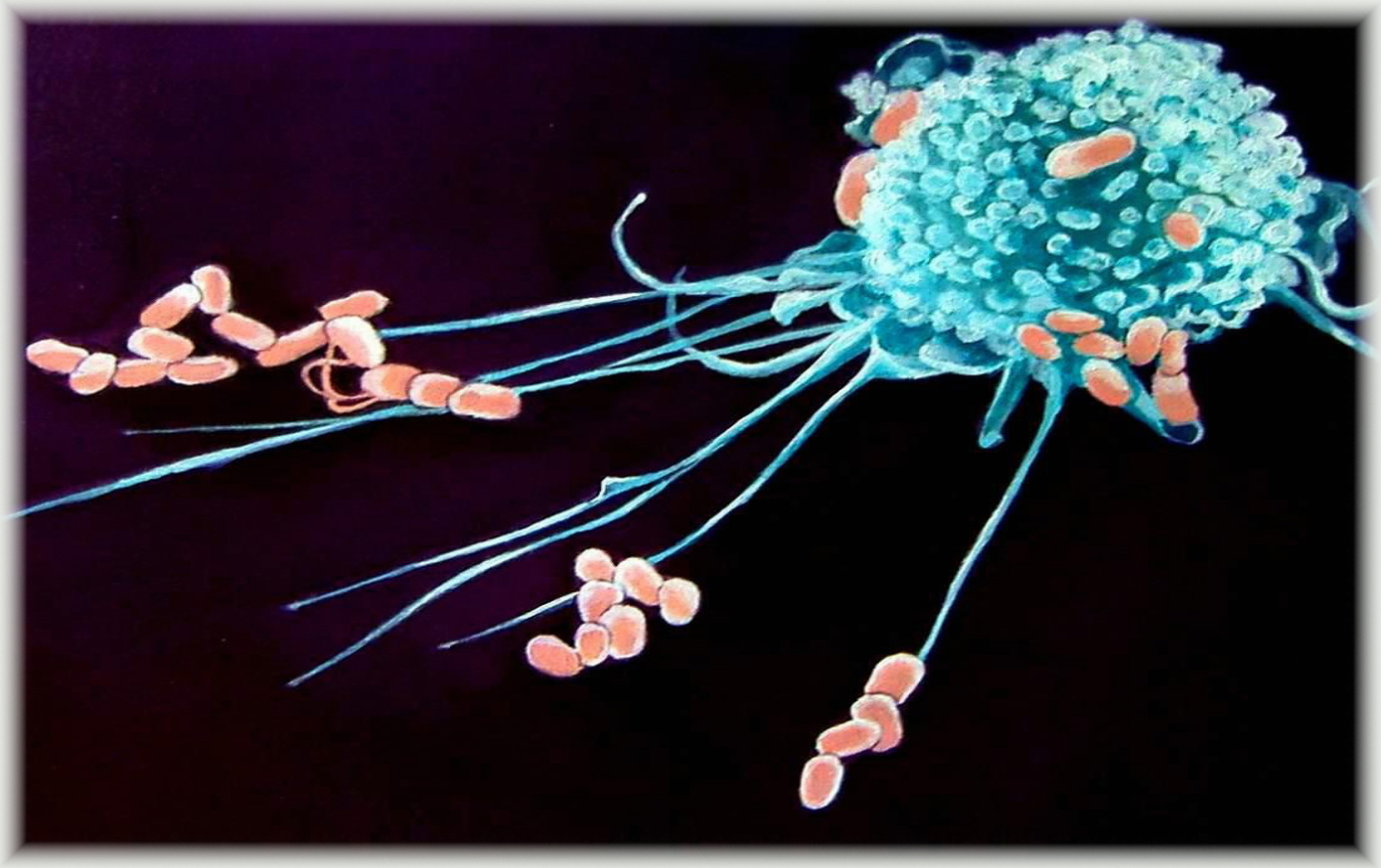
Coffee Break 11:10-11:25 @ Foyer

11:25-11:45	**Title: Matrix-assisted laser desorption/ionization mass spectrometry in plant metabolomics** **Norberto Peporine Lopes,** University of Sao Paulo, Brazil
11:45-12:05	**Title: Compressed Images for Affinity Prediction (CIFAP): A novel machine learning methodology on protein-ligand interactions** **Erdem Buyukbingol,** Ankara University, Turkey
12:05-12:25	**Title: Ocular neostigmine drops for diagnosing myasthenia gravis** **Mustafa A. M. Salih,** King Saud University, Saudi Arabia
12:25-12:45	**Title: A multivariate analysis approach to compare gene co-expression networks from pathogen infected plants** **Luis Guillermo Leal,** Universidad Nacional de Colombia, Colombia

Lunch Break 12:45-13:45 @ Upper Restaurant

Panel Discussion

Award Ceremony

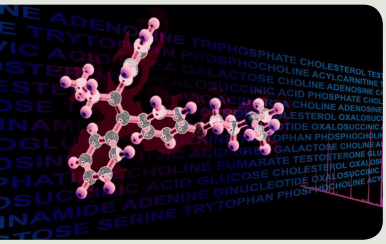


Upcoming Conferences



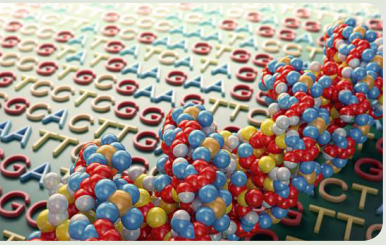
International Conference on
Functional and Comparative Genomics & Pharmacogenomics

November 12-14, 2013 DoubleTree by Hilton Hotel Chicago - North Shore, USA



3rd International Conference and Exhibition on
Metabolomics & Systems Biology

March 03-05, 2014 San Antonio, USA



4th International Conference on
Proteomics & Bioinformatics

August 04-06, 2014 Chicago, USA

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