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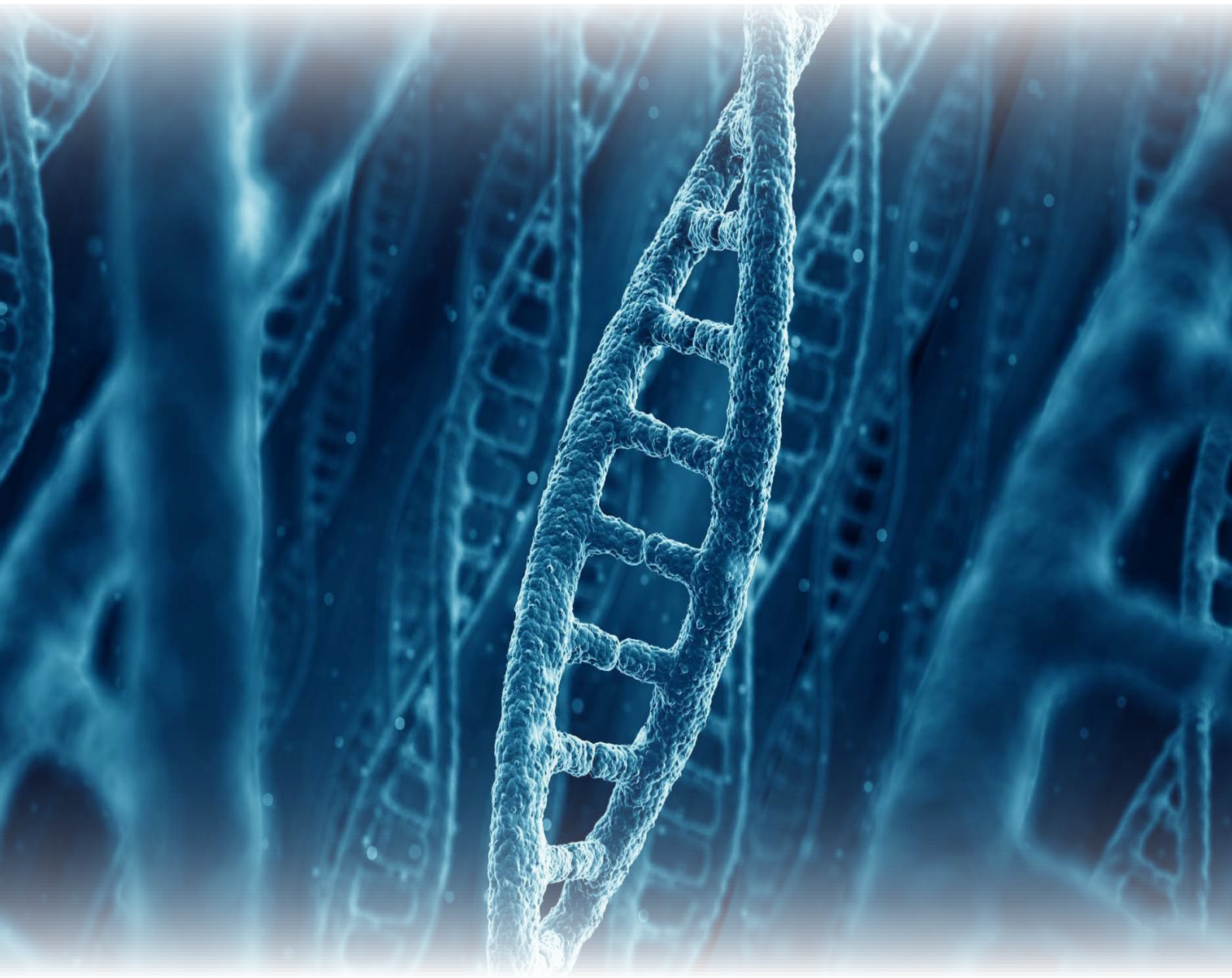
808th Conference

Scientific Program

7th International Conference and Expo on

Metabolomics

November 14-16, 2016 Orlando, Florida, USA



Hosting Organization: Conference Series LLC

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Day 1 November 14, 2016

09:30-10:00 Registrations

Hall-B

conferenceseries.com **10:00-10:25** Opening Ceremony

Keynote Forum

10:25-10:30 Introduction

10:30-11:15 Title: Leveraging an NQO1 bioactivatable drug for tumor-selective use of poly (ADP-ribose) polymerase (PARP) inhibitors
David A Boothman, University of Texas Southwestern Medical Center, USA

Group photo and Networking & Refreshments Break: 11:20-11:40 @ Foyer

Sessions: **Metabolomic Profiling | Clinical Metabolomics & Lipidomics**

Session Chair: Vladimir Tolstikov, BERG, USA

Session Introduction

11:40-12:05 Title: Lipidome and skin health
Apostolos Pappas, Johnson & Johnson, Consumer Inc., USA

12:05-12:30 Title: Throwing the kitchen sink at heart metabolism
Matthew E Merritt, University of Florida, USA

12:30-12:55 Title: Pharmacometabolomics reveals mechanisms of action underlying the antitumor activity and toxicity of irinotecan
Jing Li, Wayne State University School of Medicine, USA

Lunch Break: 12:55-13:55 @ Bistro 436

Keynote Forum

13:55-14:40 Title: Metabolomics adds function to precision diagnosis
C Thomas Caskey, Baylor College of Medicine, USA

Sessions: **Cancer Therapeutic Approaches | Food & Nutritional Metabolomics**

14:40-15:05 Title: Untargeted metabolomics reveals smokers' characteristic profiles
Ping-Ching Hsu, University of Arkansas for Medical Sciences, USA

15:05-15:30 Title: Small player, large role: Microbial metabolic pathways associated with metabolic risk of cardiovascular disease
Jingyuan Fu, University of Groningen, Netherlands

15:30-15:55 Title: CenC, a multidomain thermostable GH9 processive endoglucanase from clostridium thermocellum: Cloning, characterization and saccharification studies
Ikram ul Haq, Government College University, Pakistan

Networking & Refreshments Break: 15:55-16:00 @ Foyer

Panel Disscussion

Day 2 November 15, 2016

Hall-B

Keynote Forum

09:45-10:30 Title: Omics data strategy, precision medicine and modern biotechnology revolution
Dongliang Ge, Nanjing BioSciKin Co. Ltd, China

10:30-11:15 Title: Clinical metabolomics: Creating patient and population centric analytical tools for drug development
Vladimir Tolstikov, BERG, USA

Networking & Refreshments Break: 11:15-11:40 @ Foyer

Sessions: **Frontiers of Metabolomics Research | Transcriptomics & Metabolic Pathways | Metabolomics in Precision Medicine**

Session Chair: Matthew E Merritt, University of Florida, USA

Session Introduction

11:40-12:05 Title: System proteometabolomic profiling of bacterial vesicles
Anna Vanyushkina, Federal Medical-Biological Agency, Russia

12:05-12:30 Title: Randomized controlled clinical trial open to 24 weeks of efficiency and safety in outpatient with obesity grade I and II treated with clobenzorex vs clobenzorex with melatonin
Avila Lamadrid Pamela Georgina, Instituto Politecnico Nacional, Mexico

12:30-12:55 Title: Efficiency and safety of combining silybin, lipoteichoic acid and selenomethionine in the treatment of non alcoholic fatty liver
Magdaleno Rodríguez Daniel Roberto, Instituto Politecnico Nacional, Mexico

Lunch Break: 12:55-13:55 @ Bistro 436

13:55-14:20	**Title: Systematic strategy of novel antitumor agents for mitochondrial one carbon metabolism related enzymes** **Ayumu Asai,** Osaka University School of Medicine, Japan
14:20-14:45	**Title: Serum NMR metabolomic study in acute spinal cord injury (ASCI): A possible recovery pathfinder as indicated in a pilot study** **Rajeshwar Nath Srivastava,** King George's Medical University, India
14:45-15:10	**Title: Calmodulin dependent protein kinase (CaMK) II activation by exercise regulates lipid metabolism in rat skeletal muscle** **Sandile Fuku,** North-West University, South Africa
15:10-15:35	**Title: Metabolomic profile of low copy-number carriers at the salivary alpha-amylase gene suggests a Metabolic shift towards lipid-based energy production** **Abdelilah Arredouani,** Hamad Ben Khalifa University, Qatar

Networking and Refreshments Break: 15:35-16:00 @ Foyer

Panel Disscussion

Day 3 November 16, 2016

Hall-B

Sessions: **Analytical Platforms in Metabolomics | Data Analysis & Systems Biology**

Session Chair: Muhammed Alzweiri, The University of Jordan, Jordan

Session Introduction

10:00-10:20	**Title: The neglect of commercial probiotics in Nigeria: Medico-legal implications** **Olusegun Yinka Aborode,** Millenium Village Center, Nigeria
10:20-10:40	**Title: Acetylated ferulenol-oxy-ferulenol as a proposed marker for fresh ferula toxicity: A metabolomic approach** **Muhammed Alzweiri,** The University of Jordan, Jordan

Poster Presentations

P01	**Title: High throughput dietary supplement quality control and pharmacovigilance** **Elly Crighton,** Murdoch University, Australia
P02	**Title: Toward establishing the normal range of irisin in biological fluids** **Nafez M Abu Tarboush,** The University of Jordan School of Medicine, Jordan
P03	**Title: A metabolomics-based strategy to screening characteristic chemical markers for quality evaluation of Flos *Chrysanthemi Indici.*** **Yong Yang,** Chinese Academy of Medical Sciences, China
P04	**Title: Metabolic reprogramming after inhibiting glycolysis and TCA cycle in human glioblastoma cells** **Erlong Zhang,** Third Military Medical University, China

Networking & Refreshments Break: 11:20-11:40 @ Foyer

Lunch Break 13:40-14:40 @ Bistro 436

Awards & Closing Ceremony

