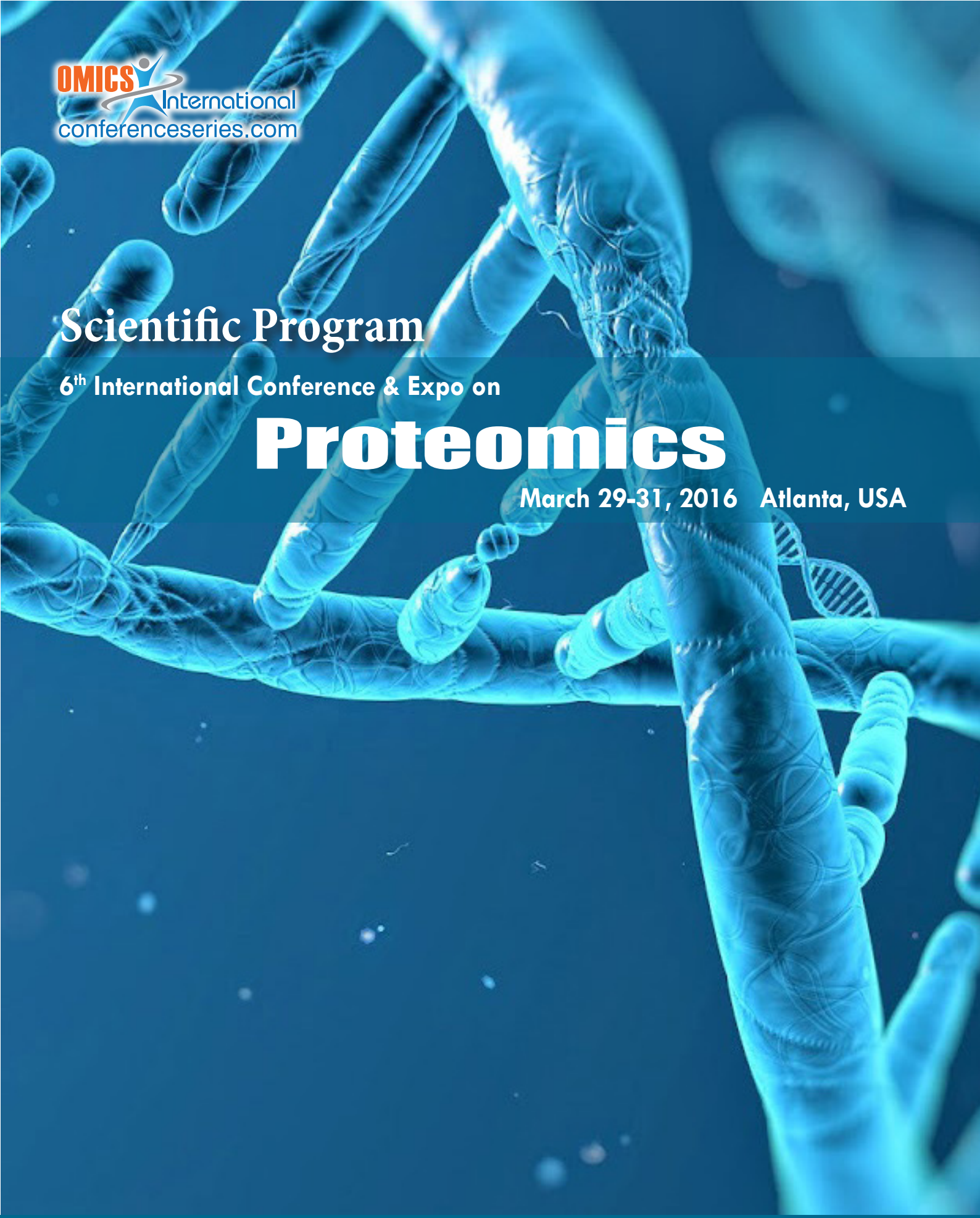


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Scientific Program

6th International Conference & Expo on

Proteomics

March 29-31, 2016 Atlanta, USA

OMICS International Conferences:
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Day 1 March 29, 2016

09:00-09:30 Registrations

Conference Hall: Chattahoochee B

OMICS International conferenceseries.com

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

Keynote Forum

Introduction

10:00-10:30 **Steven Pelech**
Kinexus Bioinformatics Corporation, Canada

10:30-11:00 **Nawin Mishra**
University of South Carolina, USA

Coffee Break 11:00-11:20 @ Chattahoochee Prom

Track 1: Discovery of Proteomics
Track 2: Modern Era of Proteomics

Group Photo

Session Introduction

Session Chair: Steven Pelech, Kinexus Bioinformatics Corporation, Canada
Session Co-chair: Sixue Chen, University of Florida, USA

11:20-11:45 **Title: Proteomics and metabolomics of stomatal defense and glucosinolate metabolism**
Sixue Chen, University of Florida, USA

11:45-12:10 **Title: Proteomics approach for *in vitro* proof of mechanism of action of trastuzumab in a time sequence association with paclitaxel in HER2-positive breast cancer**
Sihem Bihorel, University of Florida, USA

Lunch Break 12:10-13:10 @ Chattahoochee Prom

Workshop on "Current proteomics technologies and challenge"

13:10-14:10 **Sixue Chen,** University of Florida, USA
Subhra Chakraborty, National Institute of Plant Genome Research, India
Tong Zhang, University of Florida, USA

Workshop on "Tracking protein expression, modifications and interactions with antibody microarrays"

14:10-15:10 **Steven Pelech,** Kinexus Bioinformatics Corporation, Canada

Track 3: Top-Down Proteomics
Track 4: Proteomics - Biomarkers

Session Chair: Jochen M. Schwenk, KTH - Royal Institute of Technology, Sweden
Session Co-chair: Subhra Chakraborty, National Institute of Plant Genome Research, India

15:10-15:35 **Title: Affinity proteomics in biobanks for discovery and validation of plasma biomarker**
Jochen M. Schwenk, KTH - Royal Institute of Technology, Sweden

15:35-16:00 **Title: Matrix Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry [MALDI TOF MS] analysis of *Streptococcus pneumoniae* from cerebrospinal fluid for the diagnosis of acute bacterial meningitis**
Raju Ravikumar, National Institute of Mental Health and Neurosciences, India

Coffee Break 16:00-16:20 @ Chattahoochee Prom

16:20-16:45 **Title: Transcriptional signature of histone deacetylases in breast cancer**
Sahar El Shafei, Alexandria University, Egypt

16:45-17:10 **Title: Redox proteomics of plant stomatal immunity against pathogens**
Sixue Chen, University of Florida, USA

17:10-17:35 **Title: Quest for enhancing nutrient contents & immunity in plants: A proteo-metabolomics approach**
Subhra Chakraborty, National Institute of Plant Genome Research, India

Symposium on "A practical example of model-based biomarker discovery by quantitative proteomics"

17:35-18:30 **Kian Kani,** University of Southern California, USA

Panel Discussion

Day 2 March 30, 2016

Conference Hall: Chattahoochee B

Keynote Forum

Introduction

09:30-10:00 **Pao-Chi Liao**
National Cheng Kung University, Taiwan

10:00-10:30 **Akhilesh Pandey**
Johns Hopkins University, USA

Coffee Break 10:30-10:50 @ Chattahoochee Prom

Track 5: Scientific Approach of Proteomics
Track 6: High-Throughput Technologies
Track 7: Trends in Clinical Proteomics

Session Chair: Raju Ravikumar, National Institute of Mental Health and Neurosciences, India
Session Co-chair: G. Wayne Zhou, A. T Still University, USA

10:50-11:15 **Title: Protein expression and sub-cellular localization profiling by DAMA (Dissociable Antibody MicroArray) staining technology**
G. Wayne Zhou, A. T Still University, USA

11:15-11:40 **Title: Macromolecular protein interaction maps reveal mechanistic insight on cellular phenotypes associated with cancer**
Kian Kani, University of Southern California, USA

11:40-12:05 **Title: Identification of thioredoxin targets in guard cell enriched epidermal peels using cysTMT proteomics**
Tong Zhang, University of Florida, USA

Symposium on "Proteomics approaches for identification and validation of predictive biomarkers applied to translational systems pharmacology in oncology"

12:05-13:05 **Sihem Bihorel,** University of Florida, USA

Lunch Break:13:05-14:00 @ Chattahoochee Prom

Workshop

14:00-14:30 **Title: Whole genome sequencing and proteomics for microbial identification and characterization**
Akhilesh Pandey, Johns Hopkins University, USA

14:30-15:00 **Title: Does proteogenomics study give answer to the diagnosis of infectious and non-infectious diseases of nervous system**
Raju Ravikumar, National Institute of Mental Health and Neurosciences, India

Special Session on "A smartphone mobile application to improve diagnosis"

15:00-16:00 **Julie R. Taylor,** Centers for Disease Control and Prevention, USA

Coffee Break 16:00-16:20 @ Chattahoochee Prom

16:20-17:20 Poster Presentation

Poster Judge: Steven Pelech, Kinexus Bioinformatics Corporation, Canada

Panel Discussion

Day 3 March 31, 2016

Conference Hall: Chattahoochee B

Track 10: Proteomics in Microbiology
Track 11: Protein Expression and Analysis

Session Chair: Uday Jayaramaiah, Bangalore University, India
Session Co-Chair: Du Qing, The Institute of Medicinal Plant Development, China

09:30-09:55 **Title: A proteomics approach to identify molecular markers of cancer progression**
Hilal Arnouk, Georgia State University, USA

09:55-10:20 **Title: The impression of ubiquinone (coenzyme Q) in pharmacological and clinical experiments**
Du Qing, The Institute of Medicinal Plant Development, China

10:20-10:45 **Title: Crystallization of *Wolbachia* Surface protein of *Wolbachia* endosymbiont**
Uday Jayaramaiah, Bangalore University, India

Coffee Break 10:45-11:05 @ Chattahoochee Prom

11:05-11:30 **Title: A neural network based approach on melanoma skin cancer detection**
Aso Bakr Mohammed, Shar Hospital, Iraq

11:30-11:55 **Title: Identification of the role of protein-protein interaction networks and post-translational modifications in urogenital tract disorders: In silico approach**
Zeeshan Iqbal, Institute of Molecular Sciences & Bioinformatics, Pakistan

Video Presentation

11:55-12:20 **Title: Molecular regulation of the cellular immunity to fight hepatocellular carcinoma**
Mai Atef Mohammed Rahmoon, German University in Cairo, Egypt

Lunch Break:12:20-13:20 @ Chattahoochee Prom

Poster Presentation @ Day 2

P 01 **Title: Enhanced sample preparation for proteomic analysis utilizing reversible biotinylation and polymer based protein engineering**
Amber Lucas, Carnegie Mellon University, USA

P 02 **Title: Proteomics analysis reveals that HSP70 interacts with estrogen receptor alpha in the nucleus of human breast cancer**
Ahmed E. Dhamad, University of Arkansas, USA

P 03 **Title: Differential effects of Glycerol and Trehalose on RBCs cryosurvival quality**
Noha A. Al-Otaibi, University of Cambridge, UK

P 04 **Title: Targeting YopH the major effector of the Type III secretion system**
Misgina Belachew Girma, University of Antwerpen, Belgium

P 05 **Title: Trypanocidal activity of new benzoic acid derivatives as potential trans-sialidase inhibitors and their Pharmacoproteomics study**
Muhammad Kashif, Centro de Biotecnoligia Genomica, Mexico

Thanks giving & Closing Cermony

Bookmark your dates

7th International Conference and Expo on
Proteomics October 24-26, 2016 Rome, Italy

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8th International Conference and Expo on
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