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Scientific Program

8th International Conference on

Proteomics and Bioinformatics

May 22- 24, 2017 Osaka, Japan

Hosting Organization: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-702-508-5200 Ext: 8046, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: proteomicsasia@biochemconferences.org

worldproteomics@cardiologyconference.org

09:00-09:30 Registrations

Ruby

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09:30-09:40 Opening Ceremony

Keynote Forum

09:40-09:50 Introduction

Title: RASER (Rate Amplification based on the Substrate-Enhanced Reaction) Model of Single-Molecule Enzyme Catalysis

09:50-10:50

Sungchul Ji, Rutgers University Ernest Mario School of Pharmacy, USA

Group Photo

Networking & Refreshments Break @ Foyer 10:50-11:10

11:10-12:10

Title: Study of proteome heterogeneity and dynamics

Stanislav Naryzhny, Petersburg Nuclear Physics Institute, NRC "Kurchatov Institute", Russia

Sessions:

Immunoproteomics | Analytical Proteomics & Genomics | Integrating Transcriptomics & Proteomics | Proteomics Discovery & Function | Plant Proteomics | Protein Biochemistry

Session Introduction

Session Chair: Sungchul Ji, Rutgers University Ernest Mario School of Pharmacy, USA

12:10-12:50

Title: C4orf48, a gene related to the Wolf-Hirschhorn contiguous gene syndrome, codes for a novel secreted protein linked to cell differentiation processes

Daniel H Wreschner, Tel Aviv University, Israel

Lunch Break @ Regency Ballroom-E 12:50-13:50

13:50-14:30

Title: Flexible large-scale wireless ethanol sensor using metamaterial

Sungjoon Lim, Chung-Ang University, South Korea

14:30-15:10

Title: Transforming growth factor- β -induced CUX1 isoforms are potentially associated with fibrosis in systemic sclerosis lung fibroblasts

Tetsuro I Ikeda, Kochi University, Japan

15:10-15:50

Title: Comparative peptidome analysis of the mucus from seven gastropod species

Viroj Tachapuripunya, Kasetsart University, Thailand

Networking & Refreshments Break @ Foyer 15:50-16:10

16:10-16:50

Title: The Proteomics of drought stress response in arabidopsis thaliana

May Alqurashi, King Abdullah University of Science and Technology, Saudi Arabia

16:50-17:30

Title: New insights into the targeting of tail-anchored membrane proteins to plant organelles

Hsin-Yang Chang, National Sun Yat-sen University, Taiwan

Panel Discussion

Ruby

Keynote Forum

09:30-10:30

Title: Tissue specific secretomes – A treasure chest for the identification of disease related marker proteins

Stefan Lehr, Institute for Clinical Biochemistry and Pathobiochemistry, Germany

Networking & Refreshments Break @ Foyer 10:30-10:50

10:50-11:50

Title: Systematical approach upon the toxicity of chromium delivered by skin route with functional proteomics

Tai Long Pan, Chang Gung University, Taiwan

11:50-12:50

Title: Advanced X-ray bioimaging technology for structural genomics

Yoshitaka Bessho, Academia Sinica, Taiwan

Lunch Break @ Regency Ballroom-E 12:50-13:50

Session Chair: Stefan Lehr, Institute for Clinical Biochemistry and Pathobiochemistry, Germany

- 13:50-14:30** Title: **Virtual-experimental 2DE as a platform in study of biomarkers**
Stanislav Naryzhny, Petersburg Nuclear Physics Institute, NRC "Kurchatov Institute", Russia
- 14:30-15:10** Title: **Carcinogenic arecoline shows a paradoxical effect in modulating endothelial nitric oxide production and the subsequent protein S-nitrosylation**
Bin Huang, Kaohsiung Medical University, Taiwan
- 15:10-15:50** Title: **Photonic light irradiation by 660 nm inhibits oxidative stress and induces brain-derived neurotrophic factor expression in neurons**
Jong-Ha Lee, Stanford University School of Medicine, South Korea

Networking & Refreshments Break @ Foyer 15:50-16:10

Poster Presentations @ 16:10-17:10

Poster Judge: Swamy KB, Universiti Sultan Zainal Abidin, Malaysia

- PRO-001** Title: **Modulation of fish allergenicity towards the production of a low allergen farmed fish; a proteomics approach.**
Pedro M Rodrigues, Universidade do Algarve, Portugal
- PRO-002** Title: **Mechanisms of drug resistance of taxol based on computational studies**
Zhong-Ru Xie, University of Georgia, USA
- PRO-003** Title: **Pyrazolylamine derivatives reveal the conformational switching between type i and type ii binding modes of anaplastic lymphoma kinase (ALK)**
Su-Ying Wu, National Health Research Institutes, Taiwan
- PRO-004** Title: **Laser microdissection combined with microarray revealed key genes involved in regulating the uorf-mediated translational inhibition**
Huai-Jen Tsai, Mackay Medical College, Taiwan
- PRO-005** Title: **Investigation of the oxidative modification of glutathione peroxidase 5 in boar seminal plasma and its correlation with semen quality**
Yu-Min Yang, National Ilan University, Taiwan
- PRO-006** Title: **Proteomic identification revealed anticancer mechanism of antimicrobial peptide GW-Q4a and its combination with chemotherapeutic drugs against colorectal cancer cell line HCT116**
Eden Wu, National Ilan University, Taiwan
- PRO-007** Title: **Pathogenic mechanisms in lung-derived cell line infected with seasonal H1N1 comparing with influenza H1N1 2009 viruses**
Tistaya Semangoen, Burapha University, Thailand
- PRO-008** Title: **FGF21 up-regulates glycolytic proteins for hypertrophic chondrocyte survival under er stress**
SO Kam Ho Kenso, The University of Hong Kong, Hong Kong

Panel Discussion

Award Ceremony

Day 3 May 24, 2017

B2B Meetings and Networking

Lunch Break @ Regency Ballroom-E 12:00-13:00

Bookmark Your Dates

10th International Conference on

Proteomics and Bioinformatics

April 9-11, 2018 Dubai, UAE

Website: www.proteomicsconference.com/asia-pacific