

conferenceseries.com

JOINT EVENT

Proceedings of

9th International Conference and Expo on

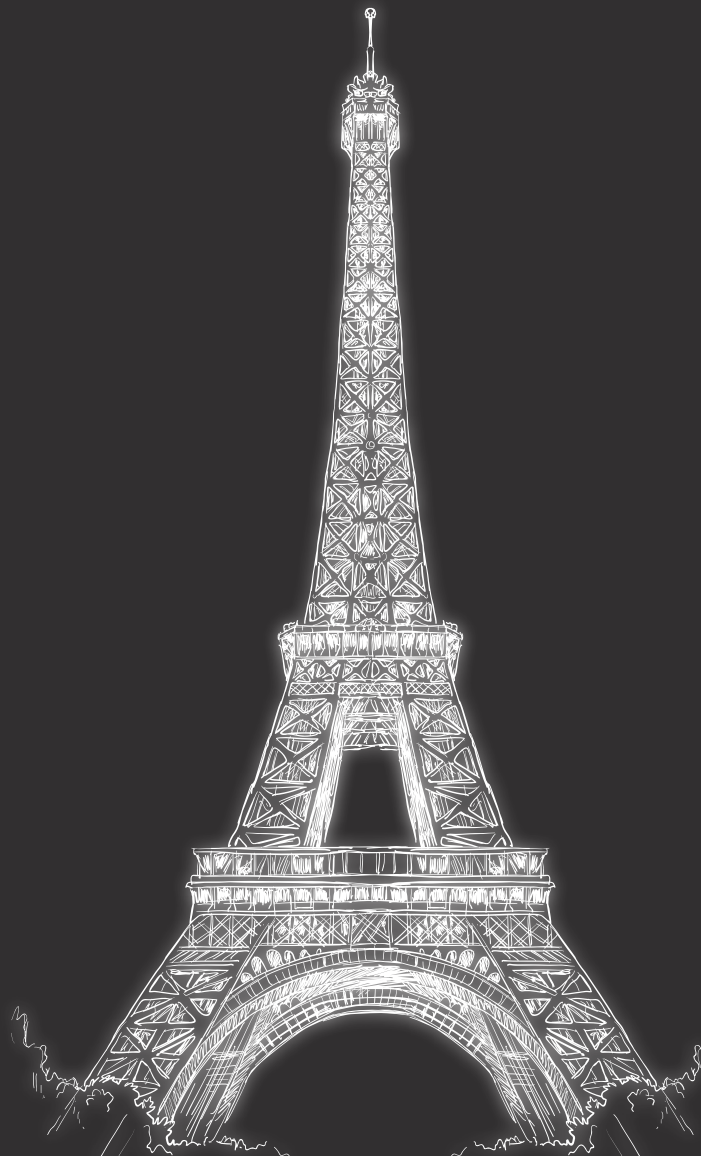
PROTEOMICS & MOLECULAR MEDICINE

&

9th International Conference on

BIOINFORMATICS

November 13 - 15, 2017 Paris, France



Sunset 2

conference**series**.com 09:00-09:30

Opening Ceremony

Keynote Forum

- 09:30-09:35 Introduction**
Title: Properties of membrane-less organelles and aqueous two-phase systems
09:35-10:05 Boris Zaslavsky, Cleveland Diagnostics, USA
Title: Integrative analysis of post-translational protein S-nitrosylation in endothelial cells
10:05-10:35 Bin Huang, Kaohsiung Medical University, Taiwan

Networking & Refreshment Break 10:35-10:55 @ Foyer

- 10:55-11:25 Title: The future of systems medicine: everything you always wanted to know about the "reality" of big data and AI "big mirages" but were afraid to ask**
Manuel Gea, Bio-Modeling Systems, France

Sessions: Mass Spectrometry in Proteome Research | Protein Expression and Analysis | Proteomics from Discovery to Function | Proteomics and Molecular Medicine

Session Chair: Ida Chiara Guerrero, INSERM, France

Session Co-chair: Bin Huang, Kaohsiung Medical University, Taiwan

Session Introduction

- 11:25-11:45 Title: Strategy for determining clinical biomarker panel**
Oliva Petra, Sanofi Genzyme, USA
11:45-12:05 Title: Proteomics of rare genetic diseases: Impact of cystinosis mutations on protein stability and protein network by dynamic SILAC and interactomics
Ida Chiara Guerrero, INSERM, France
12:05-12:25 Title: Dynamic changes in the skeletal muscle proteome during denervation-induced atrophy
Marcus Krüger, University of Cologne, Germany
12:25-12:45 Title: High-sensitivity, high-resolution MS-based quantitative proteomics by manipulation of protein isotope composition *in vivo*
Jean-Michel Camadro, Institut Jacques Monod, France
12:45-13:05 Title: Application of embryogenic mouse as a platform in identifying human missing proteins
Bin Huang, Kaohsiung Medical University, Taiwan

Group Photo

Lunch Break 13:05-14:05 @ Ncafé

- 14:05-14:25 Title: Sensitivity, specificity and accuracy of the targeted (SRM) and shotgun (panoramic) mass-spectrometry technologies**
Alexander I Archakov, Institute of Biomedical Chemistry, Russia
14:25-14:45 Title: Fusion protein raised antibodies for evaluating mass spectrometry results
Theo Crosson, Proteintech Group Europe, UK
14:45-15:05 Title: Mixed proteome analysis to elucidate complex symbiotic interactions
Wataru Aoki, Kyoto Univeristy, Japan

Sessions: Bioinformatics and Computational Biology | Biostatistics - An Approach to Bioinformatics | Immunology and Drug Discovery

Session Chair: Dharmendra K Yadav, Gachon University, South Korea

Session Co-chair: K Venkateswara Swamy, Dr. D Y Patil Biotechnology and Bioinformatics Institute, India

Session Introduction

15:05-15:25 **Title: Synthesis, biological evaluation, and molecular simulation studies of new arylated benzo[h]quinolines compounds as potential anticancer agents**
Dharmendra K Yadav, Gachon University, South Korea

15:25-15:45 **Title: From genomics to personalized healthcare**
Kathy Tzeng, Optum (UnitedHealth Group), USA

Networking & Refreshment Break 15:45-16:05 @ Foyer

16:05-16:25 **Title: XERp a novel approach to variable selection for classification**
Mari van Reenen, North-West University, South Africa

16:25-16:45 **Title: Molecular dynamics simulations and ADME studies of benzopyran class of selective COX-2 inhibitors for inflammatory activity**
Saloni, Gachon University, South Korea

16:45-17:05 **Title: Molecular Dynamics based screening for Cag A protein: Using Quercus brantii extract substances as lead-like**
Fatemeh Khoddam, Islamic Azad University, Iran

Panel Discussion

Day 2 November 14, 2017

Sunset 2

Keynote Forum

09:30-10:00 **Title: Challenging drug target for moonlighting and chameleon proteins**
Judit Ovádi, Hungarian Academy of Sciences, Hungary

10:00-10:30 **Title: CITE-Id as a novel chemoproteomic platform to characterize covalent kinase inhibitors**
Jarrod A Marto, Harvard Medical School, USA

10:30-11:00 **Title: From protein to human cities the first and only large-brain mass-societies: structural and functional self-similarity and translation symmetry across time and space?**
Magnus S Magnusson, University of Iceland, Iceland

Networking & Refreshment Break 11:00-11:20 @ Foyer

Sessions: Protein Expression and Analysis | Omics Data Integration and Databases | Mass Spectrometry in Proteome Research | Proteomics and its Medicinal Research

Session Chair: Marwa Eltoweissy, Georg August Medical University of Göttingen, Germany and Alexandria University, Egypt

Sesstion Co-Chair: Pavlina Dolashka, Bulgarian Academy of Sciences, Bulgaria

Session Introduction

11:20-11:40 **Title: Short-time increase of glucose concentration in PDS results in extensive removal and high glycation level of vital proteins during continuous ambulatory peritoneal dialysis**
Marwa Eltoweissy, Georg August Medical University of Göttingen, Germany and Alexandria University, Egypt

11:40-12:00 **Title: Proteomics analysis of Alzheimer's and antitumor activity of glycoproteins against bladder carcinoma permanent cell lines**
Pavlina Dolashka, Bulgarian Academy of Sciences, Bulgaria

12:00-12:20 **Title: Integration of multilevel OMICs data based on the identification of regulatory modules**
Theresa Conrad, Hans-Knöll-Institute, Germany

12:20-12:40 **Title: A proteomics strategy to analyze complex traits and gene functions**
Yinghong Pan, The National Key Facility for Crop Gene Resources and Genetic Improvement - ICS CAAS, China

12:40-13:00 **Title: STRING v9.1: Edges and nodes provide global functional association to protein crosstalk and integration in urinary proteomes of prostate cancer**
Leonora V Autus-Geniston, United Bayanihan Foundation and St. Paul University-Quezon City, Philippines

Lunch Break 13:00-14:00 @ Ncafé

- 14:00-14:20 **Title: Structural view on substrate specificity of dipeptidyl peptidase III (DPP III)**
Altijana Hromic, University of Graz, Austria
- 14:20-14:40 **Title: Proteomic and immunofluorescent evidence for and against the astrocyte-to-neuron lactate shuttle**
Dariusz Rakus, University of Wrocław, Poland

Sessions: Bioinformatics and Computational | Bioinformatics Algorithms & Databases

Session Chair: Enass Y Osman, Tanta University, Egypt

Sesstion Co-Chair: Gauri Garg Dhingra, University of Delhi, India

Session Introduction

- 14:40-15:00 **Title: Molecular modeling, docking, dynamics and simulation of deguelin and its derivatives with cyclin D1 and cyclin E in cancer cell signaling pathway**
K Venkateswara Swamy, Dr. D Y Patil Biotechnology and Bioinformatics Institute, India
- 15:00-15:20 **Title: Drug Repositioning System Using the power of network analysis and machine learning to predict new indications for the approved drugs "Drug Repositioning and rate the level of the drug similarity"**
Sherief El Rweney, Royal Holloway, University of London

Poster Presentations 15:20-16:20 @ Meeting rooms

Networking & Refreshment Break 16:20-16:40 @ Foyer

Panel Discussion

Day 3 November 15, 2017

Sunset 2

Sessions: Mass spectrometry in Proteome Research | Proteomics in Biochemistry and Molecular Biology | Proteomics and Molecular Medicine

- 10:00-10:20 **Title: MSCM- Multiple selective proteo nano cluster mesh coating CD's agonist/antagonist**
Lungu N. Claudiu, Babes-Bolyai University, Romania
- 10:20-10:40 **Title: Isolation and quantification of nanovesicles in isoproterenol-induced myocardial infarcted rats**
Aviwe Ntsethe, University of KwaZulu Natal, South Africa

Networking & Refreshment Break 10:40-11:00 @ Foyer

- 11:00-11:20 **Title: Proteomic-based approaches for the characterization of peptides associated with Alzhemier's disease**
Laura Ion, Alexandru Ioan Cuza University, Romania
- 11:20-11:40 **Title: Stable silencing of IGF1R using lentiviral-mediated shRNA and evaluating sensitivity to immunotherapy with monoclonal antibody rituximab in lymphoma cells**
Leila Nasehi, Zanjan University of Medical Sciences, Iran
- 11:40-12:00 **Title: A Proteomic analysis on human sperm tail: comparison between normozoospermia and asthenozoospermia**
Susan Sabbagh, Dezful University of Medical Sciences, Iran

Lunch Break 12:00-13:00 @ Ncafé

Awards & Closing Ceremony

Day 2 Poster Presentations 15:20-16:20 @ Meeting rooms

- PBC-01** **Title: ESRP1 has a prognostic value in biochemical recurrence and cancer specific survival of prostate cancer**
Sung Han Kim, National Cancer Center, South Korea
- PBC-02** **Title: Analysis of the leukocytes proteome in atherosclerosis related and non-related to chronic kidney disease**
Joanna Tracz, Institute of Bioorganic Chemistry, Poland
- PBC-03** **Title: Proteomics analysis of proteins associated with urinary tract infections**
Abdullah Essa Alsubhi, King Abdulaziz University, Saudi Arabia

- PBC-04** Title: **The original SPR-based Hsp70 biosensor for rapid quantification and revelation of Hsp70 substrates in complex solution**
Ondrej Pastva, Institute of Hematology and Blood Transfusion, Czech Republic
- PBC-05** Title: **Proteomics analysis of antitumor activity of Helix and Rapana hemocyanins**
Radostina Velikova, Bulgarian Academy of Sciences, Bulgaria
- PBC-06** Title: **Structural analysis of tegumental allergen-like proteins from *Schistosoma mansoni***
Sulhee Kim, Korea University, South Korea
- PBC-07** Title: **Analysis of differential expression of glycosyltransferase in mouse liver**
Kyoungsook Park, Sungkyunkwan University, South Korea
- PBC-08** Title: **Proteome analysis in breast cancer cells reveals differential expression of signatures involved in pre-mRNA alternative splicing events in response to 17 β -estradiol and CRH**
Siti Sarah Hamzah, University of Warwick, UK
- PBC-09** Title: **Rapid identification of contaminating bacteria protein profile present in ethanol fermentation process by matrix-assisted laser desorption/ionization (MALDI)**
Juliana Guimarães Fonseca, University of Sao Paulo, Brazil
- PBC-10** Title: **Retrospective analysis of 25 immunohistochemical tissue markers for differentiating multilocular cystic renal neoplasm of low malignant potential and multicystic renal cell carcinoma**
Sung Han Kim, National Cancer Center, South Korea
- PBC-11** Title: **Impact of sequential passage on overall protein expression using proteomic analysis**
Mohammed Sulaiman Al-Hajouj, King Abdulaziz University, Saudi Arabia
- PBC-12** Title: **Seminal plasma proteins in castrated stallions: partial results**
Priscilla Nascimento Guasti, Sao Paulo State University, Brazil
- PBC-13** Title: **A novel method for identification of hemoglobin variants by modified sample preparation followed by LC coupled with MALDI MS/MS**
Pushpanjali Dasauni, University of Delhi, India
- PBC-14** Title: **Clinical trials and evaluation of Cardiac ultrasonography over 4G wireless network using a tele-operated robot**
Sotiris Avgousti, Cyprus University of Technology, Cyprus
- PBC-15** Title: **Ser 81 of Natronomonas pharaonic halorhodopsin plays a role of holding chloride ions near the Schiff base**
Yuko Sakajiri, Iwate University, Japan
- PBC-16** Title: **Development of duplicated-indel based biomarker for AML diagnosis**
Seo Hyein, Korean Advanced Institute of Science and Technology, South Korea
- PBC-17** Title: **Genome analysis of *Sphingopyxis flava* R11H^T: An overview of genetic attributes**
Gauri Garg Dhingra, University of Delhi, India
- PBC-18** Title: **Potential role of celecoxib and omega-3 fatty acids as adjuvant therapy with risperidone in experimentally-induced schizophrenia: Possible effects on Lysosomal membrane integrity and neuroinflammation**
Enass Y Osman, Tanta University, Egypt
- PBC-19** Title: **Hippocampal neural proteins interaction of Alzheimer's peptide: 14-3-3 zeta as potential therapeutic biomarker**
Pratibha Sharma, All India Institute of Medical Sciences, India
- PBC-20** Title: **Modulation of melanoma cell proliferation and spreading by novel small molecular weight bioactive compound**
Qurat-ul-Ain, Dr. Panjwani Center for Molecular Medicine and Drug Research - ICCBS, Pakistan
- PBC-21** Title: **A proteomic analysis of human follicular fluid: novel candidate markers for oocyte number and reproductive aging**
Maryam Bahmanzadeh, Hamadan University of Medical Sciences, Iran
- PBC-22** Title: **First report of Colistin Resistance (MCR-1) Gene in *Escherichia coli* and *Klebsiella pneumoniae* Isolated from Clinical Specimens in Khartoum, Sudan**
Nahed Adam, Sudan University of Science and Technology, Sudan