



Scientific Program

12th International Conference and Expo on
**Proteomics and
Molecular Medicine**

&

12th International Conference on
**Advancements in
Bioinformatics
and Drug Discovery**

November 26-28, 2018 | Dublin, Ireland

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +1-800-014-8923

DAY-1

November 26, 2018

Meeting Hall: **Fitzgerald North**

09:00-09:30 Registrations

Opening Ceremony **09:30-09:50**

KEYNOTE FORUM

09:50-10:00 Introduction

10:00-10:40 **Title:** The international debate on the regulation of the new gene editing methods
Klaus Ammann, University of Bern, Switzerland

10:40-11:20 **Title:** T-patterns and self-similarity from the RNA world to human mass-societies
Magnus S. Magnusson, University of Iceland, Iceland

GROUP PHOTO

Networking & Refreshments 11:20 -11:40 @ Main Lobby

11:40-12:20 **Title:** Artificial neural network algorithms for biomarker discovery, pathway modelling and drug target identification
Graham Ball, CompanDX, UK

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

Chair: Laszlo Takacs, Biosystems International Kft., Hungary

INTRODUCTION

12:20-12:45 **Title:** *In vitro* gentamicin exposure alters caveolae protein profile in cochlear spiral ligament pericytes
Elisa Ghelfi, Harvard T H Chan School of Public Health, USA

12:45-13:10 **Title:** miRmapper: A tool for interpretation of miRNA-mRNA interaction networks
Gary Hardiman, Medical University of South Carolina, USA

Lunch Break 13:10-14:10 @ L J's Restaurant

14:10-14:35 **Title:** Future of blood plasma profiling for medical diagnostics – a review of current trends
Laszlo Takacs, Biosystems International Kft., Hungary

14:35-15:00 **Title:** Maximizing throughput, analytical depth and sensitivity for clinical proteomics discovery using PASEF on a TIMS-equipped UHR-Q-TOF
Pierre Olivier Schmit, Bruker Daltonics, France

15:00-15:25 **Title: Adaptive evolution and functional regulation of uORFs in *Drosophila***
Jian Lu, Peking University, China

15:25-15:50 **Title: Recombinant cyclins and their CDKs in *Escherichia coli*: expression and purification for soluble active products and characterization with putative inhibitors**
Nikolopoulos Vaios, University of Thessaly, Greece

15:50-16:15 **Title: Ovine hepatic mitochondrial membrane proteome: assessing mechanisms of seasonal weight loss tolerance using blue native PAGE coupled to mass spectrometry**
Blake A. Miller, Ross University School of Veterinary Medicine, Saint Kitts and Nevis

Networking & Refreshments 16:15-16:35 @ Main Lobby

Panel Discussion

DAY-2

November 27, 2018

Meeting Hall: **Fitzgerald North**

KEYNOTE FORUM

09:50-10:00 Introduction

10:00-10:40 **Title: The solution is out there: focus on microalgae**
Frédéric Fonlut, Biotechnology Consulting, Spain

10:40-11:20 **Title: The centers of premeltons signal the beginning and ends of genes**
Henry M. Sobell, University of Rochester, USA

Networking & Refreshments 11:20-11:40 @ Main Lobby

Sessions: Proteomics and its Research | Protein Expression and Analysis | Systems Biology in Bioinformatics | Proteomics and Molecular Medicine | Molecular Diagnostics and Devices | Bioinformatics | Proteomics from Discovery to Function

Chair: Graham Ball, CompanDX, UK

INTRODUCTION

11:40-12:05 **Title: A golden rice will finally be distributed to the farmers**
Klaus Ammann, University of Bern, Switzerland

12:05-12:30 **Title: A systems pharmacology approach to higher order drug combinations in prostate cancer**
H Alexander Ehardt, Systems Biology Ireland- UCD, Ireland

12:30-12:55 **Title: Molecular dissection of meiotic recombination by screening novel regulatory factors in mice**
Hiroki Shibuya, University of Gothenburg, Sweden

12:55-13:20 **Title:** Deciphering the molecular mechanism of ineffective erythropoiesis in β -thalassemia/Hb E from integrated proteomic analysis
Saranyoo Ponnikorn, Thammasat University, Thailand

Lunch Break 13:20-14:20 @ L J's Restaurant

14:20-14:45 **Title:** Reducing the gap between phenotypes and genotypes via comparing tagged whole genomic sequences
Jing-Doo Wang, Asia University, Taiwan

14:45-15:10 **Title:** Proteomic characterization of dairy cattle plasma: establishment of biomarkers for endometritis
Blake A. Miller, Ross University School of Veterinary Medicine, Saint Kitts and Nevis

15:10-15:35 **Title:** Developing high sensitivity/specificity detection systems for proteomic studies using Adhirons coupled with fluorescence for studying protein interactions
Robina Khan, Leicester University, UK

POSTER PRESENTATIONS 15:35-16:05 @ MAIN LOBBY

Poster Judge: Klaus Ammann, University of Bern, Switzerland

Networking & Refreshments 16:05-16:25 @ Main Lobby

PANEL DISCUSSION

DAY-3

November 28, 2018

Networking and Lunch 12:30-13:30 @ L J's Restaurant

Awards & Closing Ceremony

Bookmark your Dates

13th International Conference and Expo on

Proteomics and Bioinformatics

July 11-12, 2019 | Zurich, Switzerland

E: proteomics@biochemistryexperts.org

Website: www.proteomicsconference.com