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
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 Ebhardt, 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
Title: Deciphering the molecular mechanism of ineffective erythropoiesis in ß-thalassemia/Hb E from integrated proteomic analysis
Saranyoo Ponnikorn, Thammasat University, Thailand

Lunch Break 12:20-14:20 @ L J’s Restaurant

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

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

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