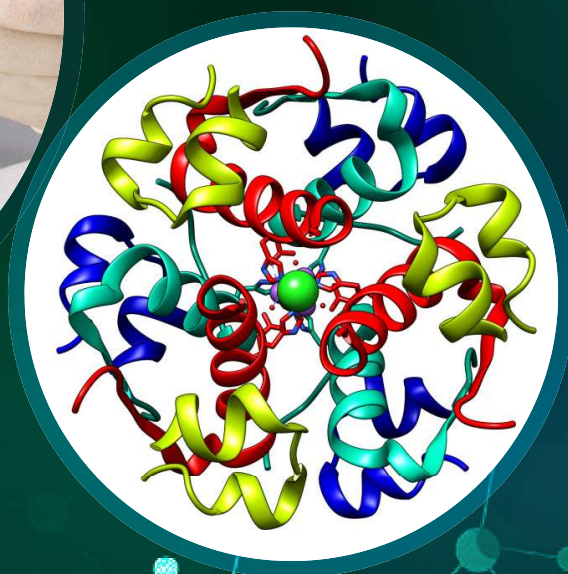


Joint Event

Proceedings of
International Conference on

METABOLOMICS AND DIABETOLOGY

May 23-24, 2018 | New York, USA



EXHIBITOR



Conference Series LLC Ltd

47 Churchfield Road, London, UK, W3 6AY | Toll Free: +1-800-014-8923

Scientific Program

**Hilton New York JFK Airport Hotel
5144-02 135th Avenue, Jamaica
New York 11436, USA**

Conference Hall: Lexington

08:40-09:00 Registrations

09:00-09:30 Opening Ceremony

Keynote Forum

09:30-10:05 Title: Aging as a mechanism for type 2 diabetes mellitus

Nir Barzilai, Albert Einstein College of Medicine, USA

10:05-10:40 Title: A unified pathophysiologic construct of diabetes and its complications, including malignancies, in the context of the B-cell-classification of diabetes

Stanley Schwartz, University of Pennsylvania, USA

Group Photo

Panel Discussion

Networking & Refreshment Break 10:40-11:05 @ Lobby Lounge

11:05-11:40 Title: Mitigating the symptoms of chronic diseases through the administration of probiotics

Sean Hall, Medlab Clinical LTD, Australia

11:40-12:15 Title: Western-style diet, calcium supplementation and liver health: Gut microbial and metabolomic signature

James Varani, University of Michigan, USA

12:15-12:50 Title: T-patterns and self-similarity from protein cities to the only large-brain mass-societies: From naked apes to string-controlled citizens

Magnus S Magnusson, University of Iceland, Iceland

Panel Discussion

Lunch Break 12:55-13:55 @ Lobby Lounge

Sessions:

Analytical Metabolomics | Metabolomics & Biotechnology | Diabetes Complications | Diabetes Management | Diabetes Research

Session Chair: Nir Barzilai, Albert Einstein College of Medicine, USA

Session Co-chair: Stanley Schwartz, University of Pennsylvania, USA

Session Co-chair: Hui Feng, Boston University School of Medicine, USA

Session Introduction

13:55-14:15 Title: Using signal processing techniques to predict PPG for T2D

Gerald C Hsu, EclairMD Foundation, USA

14:15-14:35 Title: Compliance with blood glucose testing and gestational weight gain in patients with gestational diabetes: A secondary analysis

Jenani Jayakumaran, Rutgers University, USA

14:35-14:55 Title: Serum leptin levels are strongly associated with body fat mass but not with cardio-metabolic risk factors or insulin resistance with androgen deficiency in Georgian study

Salome Kalandadze, National Institute of Endocrinology, Georgia

14:55-15:15 Title: Oxygen kinetics, oxidative stress, and cardiac autonomic function in type 2 diabetes mellitus: Is nitric oxide the connecting link?

Shalini Verma, Jamia Millia Islamia, India

15:15-15:35 Title: Metabolomic profiling enables the rapid detection of antimicrobial resistant (AMR) human pathogenic bacteria

Fatima Zaidi, George Mason University, USA

Panel Discussion

Networking & Refreshment Break 15:45-16:05 @ Lobby Lounge

16:05-16:25 Title: Could not win thee sleep: Metabolic cost of sleep debt

Arjun Sengupta, University of Pennsylvania, USA

16:25-16:45 Title: Metabolic profiling of elite athletes with different cardiovascular demand

Mohamed A Elrayess, Anti Doping Lab, Qatar

Panel Discussion

Day 2 May 24, 2018

Conference Hall: Lexington

Keynote Forum

10:00-10:35 Title: Heart rate variability at the stages of carbohydrate metabolism disturbance and the phenomenon of early aging of regulatory system in diabetes type-2
Irina Kurnikova, RUDN-University, Russia

Panel Discussion

Networking & Refreshment Break 10:40-11:00 @ Lobby Lounge

11:00-11:35 Title: A multi-omics precision medicine approach to diagnosis of inborn errors of metabolism
Sarah H Elsea, Baylor College of Medicine, USA

11:35-12:10 Title: Differential dependence of the TCA cycle in triple-negative breast cancer cells
Hui Feng, Boston University School of Medicine, USA

Sessions:

Therapeutic Metabolomics | Metabolomics in Precision Medicine | Cellular and Molecular Endocrinology

Session Chair: Magnus S Magnusson, University of Iceland, Iceland

12:10-12:30 Title: Diabetes and nutritional screening in post-bariatric patients
Maria E Peña, Icahn School of Medicine, USA

12:30-12:50 Title: Use of natural products in prevention and management of type 2 diabetes
Keti Zeka, The University of Cambridge, UK

Video Presentation

12:50-13:05 Title: Hemoglobin oxidation studies in diabetic's blood and normal blood: The effects of alkyl nitrites
John Philip Tarburton, National University, USA

Panel Discussion

Lunch Break 13:05-14:00 @ Lobby Lounge

14:00-14:20 Title: Diabetes current perspectives and lessons learnt from the epicenter, the Persian Gulf
Kashif Rizvi, New Mowasat Hospital Diabetes & Medical Centre, Kuwait

14:20-14:40 Title: Beat the diabetes with novel and future therapies for T1DM
Saeed Akhter, Pak Diabetes Center, Pakistan

14:40-15:00 Title: The effect of estrogen in combination with leptin on hypothalamus, and mitochondrial and in regulation of hormonal signaling and transcription factor in animal model lipoprotein disorders
Zelalem Kiros Bitsue, Africa Health Organization, Ethiopia

14:50-15:10 Title: Cell-specific 5-hydroxytryptophan (5-HTP) metabolism and its relevance to cell function
Kenneth K Wu, China Medical University, Taiwan

15:10-15:30 Title: The role of Auto ZeIK BRIDGE software, hard ware, and bioelectronics in biomedical and space science advanced research and new vaccine and drug for cure, discovery and development
Zelalem Kiros Bitsue, Africa Health Organization, Ethiopia

Poster Presentation

15:30-15:50 Title: A telehealth nursing intervention for Type II diabetes patients
Shani Brown, Old Dominion University, USA

Panel Discussion

Coffee and Refreshment Break 15:50-16:10 @ Lobby Lounge

B2B meetings 16:10-17:00

Award Ceremony