

Tentative Program

Day 1 November 03, 2014

08:30-09:30 Registrations

09:30-09:55 Opening Ceremony

Keynote Forum

Introduction

09:55-10:20 **Charles W Heilig,**
Editor-in-Chief for Journal of Diabetes & Metabolism, University of Florida, USA

10:20-10:45 **Zhengyuan Xia,**
Executive Editor for Journal of Diabetes & Metabolism, University of Hong Kong, China

Coffee Break 10:45-11:05

11:05-11:30 **Ippei Kanazawa,** Shimane University, Japan

11:30-11:55 **Anil K Mandal,** University of Florida, USA

Track 1: Clinical Diabetes and Diagnostic Approaches

Track 4: Endocrinology: Patient-Oriented Case Management Discussions

Track 5: Advanced Technologies for Treatment of Diabetes

Chair

Co-Chair

11:55-12:15 **Title: Increased absolute systolic ankle pressures and reduced estimated glomerular filtration rate**

Kirti Kain , University of leeds, UK

12:15-12:35 **Title: Comprehensive biomarker testing of glycemia, insulin resistance and beta cell function is associated with improved glycemic control in clinical practice**

Stephen Varvel, Health Diagnostic Laboratory, USA

12:35-12:55 **Title: Opportunistic screening on admission to hospital: A missed opportunity to detect early**

Ranjna Garg, Barnet Hospital NHS Trust, UK

12:55-13:15 **Title: Leveraging cross-species transcription factor binding site patterns: From diabetes risk loci to disease mechanisms**

Melina Claussnitzer, Harvard Medical School, USA

13:15-13:35 Title: Antioxidants status of stz-induced diabetic rats treated with extract of momordica charantia
Omobola Komolafe, Awolowo University, Nigeria

Lunch Break 13:35-14:35

14:35-14:55 Title: Randomized controlled trial of lifestyle intervention for type 2 diabetes patients in Kuwait and its impact on glycaemic control and the quality of life
Mai Alhazzaa, University of Reading, UK

14:55-15:15 Title: Fuel metabolism in diabetic pregnancy
Firdous memon, Public University LUMHS, Pakistan

15:15-15:35 Title: Of pregnant women and mice: Maternal-fetal disposition of glyburide during pregnancy and implications for the treatment of gestational diabetes mellitus
Qingcheng Mao, University of Washington, USA

15:35-15:55 Title: Impact of mobile phone short text messages on glycemic control in type 2 diabetes
Bassam Bin Abbas, King Faisal Specialist Hospital, Saudi Arabia

15:55-16:15 Title: Hepcidin mediates estrogen-dependent changes in serum iron availability in humans
Mawieh Hamad, University of Sharjah, UAE

16:15-16:35 Title: Chronic effects of fatty acids on insulin secretion and metabolic profile in mouse and human pancreatic islets
Nicolai Doliba, University of Pennsylvania, USA

Coffee Break 16:35-16:55

16:55-17:15 Title: Effect of Bauhinia variegata: A phytochemistry in type I Diabetic rats
Yogesh A Kulkarni, SPP School of Pharmacy & Technology Management, India

17:15-17:35 Title: Assessment of the probable causes of affective disturbances in diabetes mellitus-II
Mohd Fazil, Ministry of Health and Family Welfare, India

17:35-17:55 Title: Insulin delivery using solid micro needle patches in diabetic rats
Ferner Eric Ian, Emory University School of Medicine, USA

17:55-18:15 Title: Dietary fiber psyllium based hydrogels for use in insulin delivery
Nirmala Chauhan, Govt Degree College, India

18:15-18:35 Title: Laser therapy speeds up healing of chronic diabetic ulcers
Nicolette N Hourel, University of Johannesburg, South Africa

18:35-18:55 Title: 1-deoxynojirimycin inhibits glucose absorption and accelerates glucose metabolism in streptozotocin-induced diabetic mice
You Gui Li, Zhejiang Academy of Agricultural Science, China

18:55-19:15 Title: Antioxidant N-acetylcysteine improves cardiac diastolic function in diabetic rats by attenuating PKC β 2activation and improving caveolae function and eNOSsignaling
Zhong-yuan Xia , Wuhan University, China

Panel Discussion 19:15-19:20

Cocktail Sponsored by: Journal of Diabetes & Metabolism

Day 2 November 04, 2014

Keynote Forum

09:00-09:20 Khaled Alswat, Taif University, Saudi Arabia

09:20-09:40 Premanidhi Panda, Dr. Panda Diabetes Institute, India

Track 2: Diabetes Management

Session Introduction

Chair

Co-Chair

09:40-10:00 Title: Culturally sensitive patient-centered educational program for self management of type 2 diabetes: A randomized controlled trial
Badriya Abdulla Al-Lenjawi, Weil Cornell medical college, Qatar

10:00-10:20 Title: Diabetic foot salvage by Limited Access Dressing
Pramod kumar, King Abdul Aziz hospital, Saudi arabia

10:20-10:40 Title: Tools for decision making in diabetic foot ulcers
Michael Strauss, Long Beach Memorial Medical Center, USA

10:40-11:00 Title: Update on diabetes management: Learn the update on glucose lowering agents
Sheikh Ali Mae, University of Florida College of Medicine, USA

Coffee Break 11:00-11:20

11:20-11:40 Title: Insulin pump therapy in children and adolescents: Educational program in Bogota Colombia

Camila Cespedes, Pontificia Universidad Javeriana, Colombia

11:40-12:00 Title: Barriers to the effective management of diabetic foot in the middle east

Abdul Hakeem Hamza, Primary Health Care Corporation, Qatar

12:00-12:20 Title: Anti diabetic activity of Indian plants with their phytoconstituents
Shashi Alok, Bundelkhand University, India

12:20-12:40 Title: Nutritional and genotoxic stress contributes to diabetes and neurodegenerative diseases such as Parkinson's and Alzheimer's diseases

Ian Martins, Edith Cowan University, Australia

12:40-13:00 Title: Objective evidence that nerve decompression protects against foot ulceration and reulceration in diabetic polyneuropathy
Scott Nickerson, Sheridan Memorial Hospital, USA

Lunch Break 13:00-14:00	
14:00-14:20	<p>Title: Prevention of type 2 diabetes in urban American Indian/Alaska natives communities: The Life in balance Pilot Study</p> <p>Carolee Dodge Francis, University of Nevada, USA</p>
14:20-14:40	<p>Title: Antidiabetic and antinociceptive potential of selected eastern-Mediterranean medicinal plants</p> <p>Karim M Raafat, Beirut Arab University, Lebanon</p>
14:40-15:00	<p>Title: Hypoglycemic activity and regeneration of pancreatic beta-cells produced by allium cepa in alloxan-induced diabetic rats</p> <p>Imad Taj Eldin, University of Gezira, Sudan</p>
15:00-15:20	<p>Title: Diabetes management in Nigeria and the risk of herb-drug interactions</p> <p>Udoamaka Ezuruike, UCL School of Pharmacy, London</p>
15:20-15:40	<p>Title: Early alterations in renal intercellular junctions in diabetes</p> <p>Jose Luis Reyes, National Polytechnic Institute, Mexico</p>
Coffee Break 15:40-16:00	
16:00-16:20	<p>Title: Hypoglycemia in diabetes mellitus: Correlation with HBA1C and overall glycemic control</p> <p>Anupam Kotwal, University of Massachusetts Medical School, USA</p>
Panel Discussion 16:20-16:40	
Break Out-2	
Session Introduction	
Track 3: Diabetes and its Complications	
Chair	
Co-Chair	
09:40-10:00	<p>Title: Impact of the nocebo effect in clinical studies of painful Diabetic Peripheral Neuropathy. Can this effect masquerade a safety signal of a new investigational compound?</p> <p>Domenico Merante, Daiichi Sankyo Development Ltd, United Kingdom</p>
10:00-10:20	<p>Title: Selective inhibition of PKC-β2 attenuates nitroglycerine-induced tolerance and prevents TNF-α induced toxicity in endothelial cells</p> <p>Shaoqing Lei, Wuhan University, China</p>
10:20-10:40	<p>Title: Comparative studies between amyl nitrite and butyl nitrite in nitrite induced hemoglobin oxidation of diabetics and non diabetics blood</p> <p>John Philip Tarburton, National University, USA</p>
10:40-11:00	<p>Title: Can increased lycopene consumption reduce cardiovascular risk in diabetic patients</p> <p>Frank Thies, University of Aberdeen, UK</p>
Coffee Break 10:40-11:00	

11:00-11:20	<p>Title: Metformin benefits exceeded glycemic control Khaled Alswat, Taif University, Saudi Arabia</p>
11:20-11:40	<p>Title: Pioglitazone vs Voglibose on glycemic control study in type II diabetes in Indian population Premanidhi Panda, Dr. Panda Diabetes Institute, India</p>
11:40-12:00	<p>Title: Effect of gender and body weight on postprandial glucose and lipid metabolism in adults with type 2 diabetes Meghit Boumediene Khaled, DjillaliLiabes University, Algeria</p>
12:00-12:20	<p>Title: Lost in Translation? Progress in immunotherapy for type 1 diabetes Mark R Rigby, Indiana University, USA</p>
12:20-12:40	<p>Title: Prevention of new and recurrent diabetic foot ulcers Michael Strauss, Long Beach Memorial Medical Center, USA</p>
12:40-13:00	<p>Title: Chronic diabetic complications: An accelerated aging process resulting from DNA damage and epigenetic alterations Subrata Chakrabarti, Western University, Canada</p>
Lunch Break 13:00-14:00	
14:00-14:20	<p>Title: Nutrition, sirtuins and renin-angiotensin system: Cross talk in metabolic regulation</p>
14:20-14:40	<p>Sergio Henrique Sousa Santos, Federal University of Minas Gerais, Brazil Title: Diabetes, Hyperhomocysteinemia and stroke Paul Ganguly, Alfaisal Faisal University, Saudi Arabia</p>
14:40-15:00	<p>Title: Combination therapy to preserve residual insulin secretion in Type 1 diabetes Ludvigsson Johnny, University Hospital, Sweden</p>
15:00-15:20	<p>Title: Anti insulin-Resistance properties of milk whey protein hydrolyzates and peptides Jaime Amaya-Farfan, University of Campinas, Brazil</p>
15:20-15:40	<p>Title: Prevalence of normoglycemic, prediabetic and diabetic A1c Levels: NHANES 2007-2008 and NHANES 2009-2010 Judith Aponte, Hunter-Bellevue School of Nursing, USA</p>
Coffee Break 15:40-16:00	
16:00-16:20	<p>Title: Adiponectin may improve diabetic nephropathy Hiroaki Satoh, Fukushima Medical University, Japan</p>
16:20-16:40	<p>Title: The pattern of the rules of halves in diabetes mellitus tested with data from Colombia Noel Christopher, Observatorio de Diabetes de Colombia, Colombia</p>
16:40-17:00	<p>Title: Non-Traditional approaches for management of cardio metabolic risks</p>

	Gundu Rao, University of Minnesota, USA
17:00-17:20	<p>Title: An ayurvedic polyherbal formulation (Mahagni wati) in the management of Non Proliferative Diabetic Retinopathy (NPDR): A preliminary study</p> <p>Amrut Salunke, Government Ayurvedic Medical College, India</p>
17:20-17:40	<p>Title: Ethnic aspects in lipid and carbohydrate metabolism in patients with type 1 diabetes mellitus</p> <p>Lubov Kolesnikova, Russian Federation, Russia</p>
17:40-18:00	<p>Title: Cerebral hypoperfusion and cerebrovascular protein alterations induced by diabetes</p> <p>Momoh Yakubu, Texas Southern University, USA</p>
18:00-18:20	<p>Title: The anesthetic propofol for cardioprotection in diabetes: An update</p> <p>Jinjin Xu, Wuhan University, China</p>
18:20-18:40	<p>Title: Impact of diabetic microvascular complications on bone structure in type 1 diabetes mellitus</p> <p>Vikram Shanbhogue, Odense University Hospital, Denmark</p>
18:40-19:00	<p>Title: Glaucoma: Diabetes of the brain- A radical hypothesis about its nature and pathogenesis</p> <p>Muneeb A Faiq, AIIMS, India</p>
Panel Discussion 19:00-19:20	
14:00-16:00	Poster Presentations
Cocktail Sponsored by: Pancreatic Disorders & Therapy	
Day 3 November 5, 2014	
Track 6: Advancement of New Drug/Biomarker Discovery for Treatment of DiabetesTrack 7: Genetics of Diabetes Session IntroductionTrack 8: Emerging Focus in Diabetes ResearchTrack 9: Transplantation for Diabetes	
Chair	
Co-Chair	
Session Introduction	
09:00-09:20	<p>Title: High density lipoproteins: The good, the bad and the not so ugly</p> <p>Jane McEneny, Queen's University, UK</p>
09:20-09:40	<p>Title: The protease fibroblast activation protein is a potential biomarker and therapeutic target in diabetes and fatty liver disease</p> <p>Mark D Gorrell, Centenary Institute and University of Sydney, Australia</p>
09:40-10:00	<p>Title: The protective effects of GABA on human islet cells</p> <p>Gerald J Prud'homme, University of Toronto, Canada</p>
10:00-10:20	<p>Title: A novel anti-diabetes drug development program</p> <p>Moon K Song, David Geffen School of Medicine, USA</p>
Coffee Break 10:20-10:40	

- 10:40-11:00** Title: Sevoflurane pretreatment reduces highglucose-induced oxidative stress and inflammatory injury in human umbilical vein endothelial cells
Suobei Li, University of Hong Kong, Hong Kong
- 11:00-11:20** Title: Diabetes Observatory of Colombia: A health tool to decision makers
Diana Carolina Tamayo, Observatorio de Diabetes de Colombia, Colombia
- 11:20-11:40** Title: The evaluation of antioxidant system state in patients with diabetes mellitus in different ethnic groups
Lubov Kolesnikova, Russian Federation, Russia
- 11:40-12:00** Title: Low level of serum IGF-I increases the risk of osteoporotic fracture in postmenopausal women with type 2 diabetes mellitus
Ippei Kanazawa, Shimane University Faculty of Medicine, Japan
- 12:00-12:20** Title: Satiety-promoting spinach thylakoids promote weight-loss and decrease risk factors for metabolic diseases
Caroline Montelius, Lund University, Sweden
- 12:20-12:40** Title: Antihyperglycemic effect of 5-HT₂ receptor stimulation induced by a serotonin analogue
Enrique Hong chong, Center for Research and Advanced Studies, Mexico

Lunch Break 12:40-13:40

- 13:40-14:00** Title: The population attributable fraction for the impact of obesity on diabetes: A contextual framework
Peter Congdon, School of Geography, UK
- 14:00-14:20** Title: Epigenetics: Role in the etiology of adult diseases
Rita P Raman, University of Oklahoma Health Sciences, USA
- 14:20-14:40** Title: Clinical and genetic features of diabetes mellitus in young patients in Siberia
Alla Ovsyannikova, Siberian Branch of the Russian Academy of Medical Sciences, Russia
- 14:40-15:00** Title: A genomic study of type 2 diabetics attending the outpatient clinic of national institute of diabetes and endocrinology
Mohsen Khalid, National Institute of Diabetes and Endocrinology, Egypt
- 15:00-15:20** Title: Gene therapy: Potential towards type- 2 diabetes treatment
Vineeta Sharma, Adeno Biosciences, USA

Coffee Break 15:20-15:40

- 15:40-16:00** Title: APOE genotypes predict cardiometabolic outcomes in individuals with metformin and metformin-sulfonylurea combination therapy
Dharambir Sanghera, University of Oklahoma Health Sciences Center, USA
- 16:00-16:20** Title: Target FoxO1 to prevent metabolic disorders
Cheng Zhiyong, Virginia Tech University, USA

16:20-16:40	<p>Title: Aberrant activation of aldose reductase promotes insulin insensitivity, hepatosteatosis and obesity in mice in part through modulating hepatic PPARα, LKB1/AMPKα and IRS-1</p> <p>James Y Yang, Xiamen University, China</p>
16:40-17:00	<p>Title: Dipeptidyl peptidase IV (CD26/DPP-IV) inhibitory and cryptoprotective role of some antidiabetic plants</p> <p>Anand Krishna Singh, Devi Ahilya University, India</p>
17:00-17:20	<p>Title: Why three GCC countries are on the top ten countries for prevalence of diabetes: A close look into epidemiology, psychosocial and genetic factors</p> <p>Khalid Al Rubeaan, King Saud University, Saudi Arabia</p>

Panel Discussion 17:20--17:40

Closing Ceremony

****Note:** Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this Program are subject to change.