2nd International Conference on Diabetes and Its Complications

October 22-24, 2018

Venue
DoubleTree by Hilton
Houston Intercontinental Airport
15747 John F. Kennedy Blvd.
Houston, TX 77032 USA

We are excited to use Whova as our event platform. Attendees please download Whova event app.

The event invitation code is: diaaj
8:00-9:00 Registrations and Introduction to ICDC-2018 @ Pre Function Area

Keynotes @ Seattle I

09:00-09:45 William Paiva, Patterson Foundation Chair, Oklahoma State University, OK
Development of Analytic Tools to Better Manage Diabetic Complications in Health Disparity Areas

09:45-10:30 Dana T Graves, University of Pennsylvania, PA
Diabetes Increases the Pathogenicity of the Oral Microbiota

10:30-10:50 Coffee Break @ Pre Function Area

10:50-11:35 Nicola Abate, Director, Stark Diabetes Center, TX
Adipose Tissue Dysfunction as a Determinant of the Cardio-Metabolic Syndrome

11:35-12:20 Claudio Soto, UT Health Science Center at Houston, TX
Prion-like Transmission of Type 2 Diabetes and its Molecular Interaction with Alzheimer’s Disease

12:20-13:20 Lunch @ Monterey

13:20-14:05 Yochai Birnbaum, Baylor College of Medicine Houston, TX
Potential Pleiotropic Effects of SGLT2- and DPP4- Inhibitors, Lessons Learnt from Rodent Models

14:05-14:50 Yuxiang Sun, Texas A&M University, TX
Prevention of Diabetic Complications via Up-regulation of Nrf2-mediated Metallothionein

14:50-15:10 Coffee Break @ Pre Function Area

15:10-15:55 Sayon Roy, Boston University, MA
Altered Vascular Basement Membrane in Diabetic Retinopathy

15:55-16:55 Robert W. Liles, Liles Parker, Attorneys & Counselors at Law, Washington, DC
The Business of Medicine: The Top 10 Regulatory Risks Faced by Endocrinologists and their Practices

17:00-18:00 Welcome Reception & Networking @ Pre Function Area
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-9:30</td>
<td>Jin-Xiong She</td>
<td>Augusta University, GA</td>
<td>A Novel Mass Spectrometry-based Urine Test, Multiple Protein Creatinine Ratio (mPCRTM), Greatly Improves the Sensitivity and Specificity for the Diagnosis of Diabetic Kidney Disease</td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>Jose Halperin</td>
<td>Harvard Medical School, MA</td>
<td>A Role of Complement and the Complement Regulatory Protein CD59 in the Complications of Human Diabetes</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>Chunyu Cai</td>
<td>UT Southwestern Medical Center, TX</td>
<td>Diffuse Micro Vascular C5b-9 Deposition is a Common Feature in Muscle and Nerve Biopsies from Diabetic Patients</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td></td>
<td></td>
<td>Coffee Break</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Muge Kuyumcu- Martinez</td>
<td>The University of Texas Medical Branch, TX</td>
<td>RNA Regulatory Networks in the Diabetic Heart</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Hemalkumar B. Mehta</td>
<td>The University of Texas Medical Branch, TX</td>
<td>Association of Hypoglycemia with Subsequent Dementia in Older Patients with Type 2 Diabetes Mellitus</td>
</tr>
<tr>
<td>12:00-13:00</td>
<td></td>
<td></td>
<td>Lunch</td>
</tr>
<tr>
<td>13:00-13:30</td>
<td>Shalini Mani</td>
<td>Jaypee Institute of Information Technology, India</td>
<td>Link between Vitamin D Deficiency and Type 2 Diabetes</td>
</tr>
<tr>
<td>13:30-14:00</td>
<td>Ng Mei Li</td>
<td>Universiti Sains Malaysia</td>
<td>Role of Sphingosine Kinase in Insulin Signaling and Its Action in Hepatocytes</td>
</tr>
<tr>
<td>14:00-14:30</td>
<td>Debora C Damasceno</td>
<td>Botucatu Medical School - UNESP, Brazil</td>
<td>Repercussions of an Inadequate Maternal Nutrition of Adult Offspring from Diabetic Mother</td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Aiman Hussein Farghaly Ibrahim</td>
<td>Ministry of Public health, Qatar</td>
<td>Knowledge about Diabetes among Diabetic Patients and their Perception of Valuable Diabetes Services in the State of Qatar</td>
</tr>
</tbody>
</table>
Qian Lin, University of Louisville, KY  
A Novel Fibroblast Growth Factor 1 Variant Reverses Nonalcoholic Fatty Liver Disease via Activating AMPK in Type 2 Diabetes

Krishna Baradhi, University of Oklahoma School of Community Medicine, Tulsa, OK  
Diabetes and CKD-Deadly Link

Coffee Break @ Pre Function Area

P-01 Kwi Suk Kim, Seoul National University Hospital, South Korea  
The Effect and Safety of Dapagliflozin in Patients with Type 2 Diabetes: A Single-Institution Pharmacovigilance Review

P-02 Sek Ying Chair, The Chinese University of Hong Kong  
Knowledge Level and Associated Factors in Community-dwelling Chinese Adults with Metabolic Syndrome

P-03 Jamal Darandari, Ministry of Defense of Saudi Arabia  
Knowledge, Attitude and Practice of Hyperbaric O2 Therapy in the Treatment of Chronic Non-healing Wounds among Physicians in the Saudi Armed Forces Hospitals

P-04 Aiman Hussein Farghaly Ibrahim, Ministry of Public health, Qatar  
Awareness and Perceptions about Diabetes in the State of Qatar

P-05 Oyetayo Folake Lucy, Ekiti State University Ado-Ekiti, Nigeria  
Influences of Aqueous Pod Extract of Schrebera arborea on Lipid Peroxidation and Antioxidant Enzyme Activities in Diabetic Rats

P-06 Kirti Parwani, P. D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, India  
An Advanced Glycation End Product (AGE) Inhibitor from Enicostemma sp. and it’s Role in Ameliorating the Consequences of Diabetic Nephropathy

P-07 Diana Henao, Hospital Universitario San Ignacio, Columbia  
Reduction of Glycemic Variability with Degludec Insulin in Patients with Unstable Diabetes

P-08 Alan Cheng, University of Louisville, KY  
Characterization of a Novel Regulator of Glycogen Metabolism
P-09  **Amaresh Mishra**, Gautam Buddha University, India  
Preparation of Nutri Beverage Mix Using *Opuntia dillenii* (Cactus fruit)

P-10  **Seung Kwon Hong**, School of Medicine, The Catholic University of Korea, South Korea  
Associations among Variants of LEP, ADIPOQ, PPARr of Metabolic Syndrome in Korean Postmenopausal Women

P-11  **Connie A Valdez**, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, CO  
The Importance of Continuous Blood Glucose Monitoring When Transitioning a Patient from Insulin Detemir to U-500R

P-12  **Sung-Jin Kim**, Kyung Hee University, South Korea  
Neuroprotective Mechanisms of Insulin on MPP+-induced Neurotoxicity on Differentiated SH-SY5Y Cells

P-13  **Jose D. Mendez**, National University of Mexico, Mexico  
Ram Sperm DNA Fragmentation Under Hyperglycemia Conditions is Inhibited by Polyamines
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:45</td>
<td><strong>Keynote</strong></td>
<td>@ Seattle I</td>
</tr>
<tr>
<td></td>
<td>Robert J Chilton, University of Texas Health Science Center San Antonio, TX</td>
<td></td>
</tr>
<tr>
<td>09:45-10:15</td>
<td><strong>Session 3</strong></td>
<td>@ Seattle I</td>
</tr>
<tr>
<td>Chair:</td>
<td>Wei-Yang Lu, University of Western Ontario, Canada</td>
<td></td>
</tr>
<tr>
<td>09:45-10:15</td>
<td>Naushira Pandya, Nova Southeastern University, FL</td>
<td>Optimizing Insulin Delivery for Patients with Diabetes</td>
</tr>
<tr>
<td>10:15-10:45</td>
<td>Wei-Yang Lu, University of Western Ontario, Canada</td>
<td>GABA Signaling in Pancreatic Cells: Potential Target for Treatment of Diabetes</td>
</tr>
<tr>
<td>10:45-11:00</td>
<td><strong>Coffee Break</strong></td>
<td>@ Pre Function Area</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Sek Ying Chair, The Chinese University of Hong Kong</td>
<td>The Underlying Mechanism in the Association Between Self-management Barriers and Self-efficacy in Patients with Diabetes</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Juan Guo, School of Nursing, Lanzhou University, China</td>
<td>Internet Based Integrated Diabetes Management Platform with “Cross-talk”</td>
</tr>
<tr>
<td>12:00-</td>
<td><strong>Lunch &amp; Departures</strong></td>
<td>@ Monterey</td>
</tr>
</tbody>
</table>