Scientific Program

19th Asia Pacific Diabetes Conference

July 20-22, 2017   Melbourne, Australia
Day 1  July 20, 2017

Brighton Room

conferenceseries.com  09:30-10:00 Opening Ceremony

Keynote Forum

10:00-10:40  Title: Diabetes gastroenteropathy
             Magdy El-Salhy, University of Bergen, Norway

10:40-11:20 Title: The interaction of diabetes mellitus and ageing on higher brain functions: Is diabetes mellitus an accelerated form of ageing?
             Amer Kamal Al Ansari, Utrecht University, Netherlands

Networking & Refreshments Break: 11:20-11:40 @ Pre Conference Area

Sessions:
Screening of Diabetes | Technologies for the Treatment of Diabetes | Complications in Diabetes | Diabetes & Associated Disorders | Management of Diabetes

Session Chair: Magdy El-Salhy, University of Bergen, Norway
Session Co-Chair: Md Mizanur Rahman, Tokyo University, Japan

11:40-12:05  Title: Real-life effectiveness and tolerability of initial combination therapy with Vildagliptin/Metformin in drug-naive patients with type-2 DM (initial): A 24-week study from Asia
             Md Faruque Pathan, Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Bangladesh

12:05-12:30  Title: Trend, projection and appropriate body mass index cut-off point for diabetes and hypertension
             Md Mizanur Rahman, Tokyo University, Japan

12:30-12:55  Title: The role of perceived exercise barriers in predicting exercise behavior in patients with type-2 diabetes mellitus
             Heon Jin Kang, Nanyang Technological University, Singapore

Lunch Break: 12:55-13:55 @ Grill 3182 Restaurant

13:55-14:20  Title: Diabetic autonomic cardiac neuropathy and the effectiveness of anti-hypertensive therapy
             Irina Kurnikova, Peoples Friendship University of Russia, Russia

14:20-14:45  Title: Management of hypertriglyceridemia in uncontrolled type-2 diabetes mellitus patients: 2 case studies
             Betul Erismis, Sadi Konuk Training and Research Hospital, Turkey

14:45-15:10  Title: Culturally appropriate population strategies to reduce diabetes burden among the Middle East population in New South Wales, Australia
             Richard Sadig, University of Notre Dame, Australia

15:10-15:35  Title: Treatment of HFD induced diabetes mellitus by Metformin and natural products in rats
             Gamal Mostafa Mahmoud, Alexandaria University, Egypt

15:35-16:00  Title: Is the religious practice of ablution a factor influential on diabetic foot development?
             Hamdiye Arda Surucu, Dicle University, Turkey

Networking & Refreshments Break: 16:00-16:20 @ Pre Conference Area

16:20-16:45  Title: Diabetes: An encroached danger- A study from central India
             Neeraj Chhari, People’s College of Medical Sciences and Research Centre, India

16:45-17:10  Title: Co-transmission by nitric oxide, substance P and acetylcholine in the pathophysiology of diabetic gastroparesis
             Roustem N Miftahof, Arabian Gulf University, Bahrain

Panel Discussion

Day 2  July 21, 2017

Brighton Room

Keynote Forum

09:30-10:10  Title: Dietary management of type-2 diabetes: Focusing on mitochondrial function
             Shirley Mcilvenny, Food Coach Institute, Australia
### Session Introduction

**Sessions:**
- Diabetes Types and Symptoms
- Transplantations in Diabetes
- Rising Focus in Diabetes Research
- Complications in diabetes
- Biomarker Discovery for Treatment of Diabetes

**Session Chair:** Md Faruque Pathan, Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Bangladesh

**Session Co-Chair:** Bashair Mussa, University of Sharjah, United Arab Emirates

### 11:10-11:35

**Title:** Hippocampal synaptic plasticity and the role of psychostimulants on the higher brain cognitive functions and behavior in Streptozotocin-induced DM in rats  
**Presenter:** Amer Kamal Al Ansari, Utrecht University, Netherlands

**Title:** Serum 25-hydroxyvitamin D3 and risk of type-2 diabetes among Japanese: The Hitachi health study  
**Presenter:** Shamima Akter, National Center for Global Health and Medicine, Japan

**Title:** Physiological stress and sleep quality assessment: A new approach to improve glycemic control and enhance weight loss in type-2 diabetes  
**Presenter:** Bashair Mussa, University of Sharjah, UAE

### 11:35-12:00

**Title:** Factors affecting empowerment of the diabetic individual and how can we empower diabetes patient?  
**Presenter:** Hamdiye Arda Surucu, Dicle University, Turkey

### 12:00-12:25

**Title:** Physiological stress and sleep quality assessment: A new approach to improve glycemic control and enhance weight loss in type-2 diabetes  
**Presenter:** Bashair Mussa, University of Sharjah, UAE

### 12:25-12:50

**Title:** Medication pattern and adherence to type-2 diabetes treatment at University Hospital of Central India  
**Presenter:** Chetna A Shamkuwar, Government Medical College, India

**Title:** A comparison between islet and stem cell transplantation for treatment of type-1 diabetes mellitus: A systematic review  
**Presenter:** Astrid Sugiantol, University of Melbourne, Australia

**Title:** The effect of thymoquinone extract of black seeds towards socket new blood vessels formation process after extraction in diabetic-induced rats  
**Presenter:** Retno Trisnawati, Jember University, Indonesia

### Poster Presentations: 15:05-16:05

| DAP-01 | Title: The impact of the IADPSG guidelines for gestational diabetes mellitus on a secondary hospital population  
**Presenter:** Rosie Viner, University of Notre Dame, Australia |
| DAP-02 | Title: Synthesis of natural homoisoflavonoids having either 5,7-dihydroxy-6-methoxy or 7-hydroxy-5,6-dimethoxy groups  
**Presenter:** Myunghoe Heo, Gachon University, South Korea |
| DAP-03 | Title: Chemoselective acylation of 2-amino-8-quinolinol in the generation of C2-amides or C8-esters  
**Presenter:** Sanha Lee, Gachon University, South Korea |
| DAP-04 | Title: The role of lysophosphatidic acid receptor signaling in diabetic nephropathy in db/db mice  
**Presenter:** Yongha Hwang, Gachon University, South Korea |
| DAP-05 | Title: Methylglyoxal stimulates autophagy in vascular endothelial cells through regulating the PI3K/Akt/mTOR and endoplasmic reticulum stress/MAPKs signaling pathways  
**Presenter:** Jae Hyuk Lee, Gachon University, South Korea |
| DAP-06 | Title: Synthesis of gallic acid analogues as histamine and pro-inflammatory cytokines inhibitors for treatment of mast cell-mediated allergic inflammation  
**Presenter:** Yue Yuan, Gachon University, South Korea |
| DAP-07 | Title: Investigation of the protective effect of peanut (Arachis hypogaea) phenolics against methylglyoxal-induced glucotoxicity  
**Presenter:** Minsun Jeong, Gachon University, South Korea |
| DAP-08 | Title: Nutrition food assessment of children with type-1 diabetes in Mongolia  
**Presenter:** Dolgormaa Dambaravdan, Mongolian Dietetic Association, Mongolia |

### Awards Ceremony

**Networking & Refreshments Break:** 10:50-11:10 @ Pre Conference Area

**Day 3 July 22, 2017**

**Panel Discussion & Networking Lunch:** 12:00-13:00 @ Private Dining