

*Scientific Program*

# 19<sup>th</sup> Asia Pacific Diabetes Conference

July 20-22, 2017 Melbourne, Australia



**Hosting Organization: Conference Series**

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## Day 1 July 20, 2017

08:30-09:30 Registrations

Brighton Room

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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

Group photo

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

Session Introduction

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**, Alexandria 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

**10:10-10:50** **Title: Diabetes prevention in a resource constraint country: BADAS experiences**  
**Md Faruque Pathan**, Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Bangladesh

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

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**

**Amer Kamal Al Ansari**, Utrecht University, Netherlands

**11:35-12:00** **Title: Serum 25-hydroxyvitamin D3 and risk of type-2 diabetes among Japanese: The Hitachi health study**  
**Shamima Akter**, National Center for Global Health and Medicine, Japan

**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**

**Bashair Mussa**, University of Sharjah, UAE

**12:25-12:50** **Title: Factors affecting empowerment of the diabetic individual and how can we empower diabetes patient?**  
**Hamdiye Arda Surucu**, Dicle University, Turkey

Lunch Break: 12:50-13:50 @ Grill 3182 Restaurant

**13:50-14:15** **Title: Medication pattern and adherence to type-2 diabetes treatment at University Hospital of Central India**  
**Chetna A Shamkuwar**, Government Medical College, India

**14:15-14:40** **Title: A comparison between islet and stem cell transplantation for treatment of type-1 diabetes mellitus: A systematic review**

**Astrid Sugiantol**, University of Melbourne, Australia

**14:40-15:05** **Title: The effect of thymoquinone extract of black seeds towards socket new blood vessels formation process after extraction in diabetic-induced rats**

**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**  
**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**

**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**  
**Sanha Lee**, Gachon University, South Korea

**DAP-04** **Title: The role of lysophosphatidic acid receptor signaling in diabetic nephropathy in db/db mice**  
**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**

**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**

**Yue Yuan**, Gachon University, South Korea

**DAP-07** **Title: Investigation of the protective effect of peanut (*Arachis hypogaea*) phenolics against methylglyoxal-induced glucotoxicity**

**Minsun Jeong**, Gachon University, South Korea

**DAP-08** **Title: Nutrition food assessment of children with type-1 diabetes in Mongolia**

**Dolgormaa Dambaravdan**, Mongolian Dietetic Association, Mongolia

Awards Ceremony

Networking & Refreshments Break: 16:05-16:30 @ Pre Conference Area

Day 3 July 22, 2017

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