

Organizer



Co-Organizer



Collaborator



Regional Symposium on Diabetes – Current Science and Multi-Stakeholder Approaches to Prevention & Management

October 4 - 5, 2017

| Grand Copthorne Waterfront Hotel, Singapore

PROGRAM

Day 1 : Wednesday, October 4, 2017

- 08:00 – 08:40 hr **Registration**
- 08:40 – 09:00 hr **Welcome and Introduction**
Mr. Geoffry Smith, President, ILSI Southeast Asia Region, Singapore
Prof. Christiani Jeyakumar Henry, Director, Clinical Nutrition Research Centre (CNRC), Singapore
- 09:00 – 09:20 hr **Keynote Address**
Singapore's War on Diabetes
Mr. Yoong Kang Zee, Chief Executive Officer, Health Promotion Board (HPB), Singapore

OPENING PLENARY

- 09:20 – 09:55 hr **Lessons Learnt for Diabetes Prevention Programs: Replicating Principles from Successful Case Studies**
Prof. James Best, Dean, Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore
- 09:55 – 10:20 hr **The Evolution of Diabetes Policy in USA and Beyond – Science to Multi-Stakeholder Approaches**
Dr. John Agwunobi, Former Assistant Secretary of Health, U.S. Department of Health and Human Services, USA
- 10:20 – 10:45 hr **Tea Break & Poster Viewing**

SESSION 1: The Science Behind Diabetes and Population Risk

- 10:45 – 11:20 hr **Drivers of Diabetes in Asia**
Prof. E Shyong Tai, National University Hospital, Singapore
- 11:20 – 11:55 hr **Status of Diabetes in China: Update on Current Research & Health Programs**
Prof. Guang Ning, Shanghai Ruijing Hospital, China
- 11:55 – 12:30 hr **Could Asian Diet and Gut Microbiome have an Impact on Diabetes?**
A/Prof. Yuan Kun Lee, National University of Singapore (NUS), Singapore

- 12:30 – 13:25 hr **Lunch & Poster Viewing**
- 13:25 – 14:00 hr **Gestational Diabetes Mellitus in a Multi-Ethnic Asian Cohort: Prevalence and Prediction of Glucose Intolerance at Postpartum**
A/Prof. Mary Chong, NUS, Singapore
- 14:00 – 14:35 hr **Ethnic Differences in Glycation and HbA1c-Glycemia Relationship: Impacts on Research, Diagnostic Cut-offs and Treatment**
A/Prof. Melvin Leow, CNRC, Singapore

SESSION 2: Diabetes Prevention Strategies and Programs among Countries

- 14:35 – 15:10 hr **Novel Approaches in the Promotion of Physical Activity and Exercise for Prevention of Type 2 Diabetes**
Prof. Andrew Hills, University of Tasmania, Australia
- 15:10 – 15:35 hr **Diabetes Prevention in the Community: The Singapore Story**
Dr. Shyamala Thilagaratnam, HPB, Singapore
- 15:35 – 16:10 hr **Tea Break & Poster Viewing**
- 16:10 – 16:45 hr **Community-based Diabetes Prevention Program in Thailand**
A/Prof. Valla Tantayotai, Walailak University, Thailand
- 16:45 – 17:20 hr **Molecular Endorsements of Lifestyle Modification Benefits towards Diabetes Prevention and Management**
Dr. M. Balasubramanyam, Madras Diabetes Research Foundation, India
- 17:20 – 18:00 hr **Poster Viewing**

◆ ◆ **End of Symposium Day 1** ◆ ◆

Day 2: Thursday, October 5, 2017

- 08:00 – 08:30 hr **Poster Viewing**

OPENING PLENARY

- 08:30 – 09:05 hr **System Approaches to Prevention, Management and Cure for Type 2 Diabetes**
Dr. Ben van Ommen, Principle Scientist, The Netherlands Organization for Applied Scientific Research (TNO), The Netherlands

SESSION 3: Diabetes Prevention & Management through Lifestyle and Innovation

- 09:05 – 09:40 hr **Transcultural Diabetes Nutrition Algorithm (tDNA) as a Lifestyle Intervention for Diabetes Weight Management: The Malaysian Application**
Prof. Winnie Chee, International Medical University, Malaysia
- 09:40 – 10:15 hr **The 'Year of Care': Engaging People Living with Diabetes by Transforming Routine Clinic Visits into Collaborative Care and Support Planning Consultations**
A/Prof. Tong Wei Yew, NUS, Singapore

- 10:15 – 10:50 hr **Tea Break & Poster Viewing**
- 10:40 – 11:15 hr **Food-based Interventions for the Management of Diabetes: Opportunities and Challenges**
Prof. Christiani Jeyakumar Henry, CNRC, Singapore
- 11:15 – 11:50 hr **The Role of a Very Low Carbohydrate Diet for Type 2 Diabetes Management: A Long-term Randomised Trial**
A/Prof. Grant Brinkworth, CSIRO - Health & Biosecurity, Australia
- 11:50 – 12:15 hr **Genetic Basis of Low Glycaemic Index Rice: Its Potential Application in Diabetes Prevention and Management**
Dr. Nese Sreenivasulu, International Rice Research Institute, Philippines
- 12:15 – 13:15 hr **Lunch**
- 13:15 – 13:45 hr **Study of Traditional and Natural Products for Treatment of Diabetes**
Prof. Guang Ning, Shanghai Ruijing Hospital, China
- 13:45 – 14:35 hr **Diabetes Management: Trends, Innovations and New Technologies**
- ◆ Artificial Intelligence (AI) and Cognitive Technologies to Aid Diabetes Management
Mr. Kelvin Tan, NUS Enterprise, Singapore
 - ◆ Mobile Technology in Diabetes Care: The Landscape Today
Dr. Teng Yan Yau, Holmusk, Singapore
- 14:35 – 15:45 hr **Roundtable Discussions**
- 15:45 – 16:00 hr **Tea Break**

PANEL DISCUSSION

- 16:00 – 17:00 hr **Panel Discussion Topic: The Need for a Long Term Multi-Stakeholder Partnership in the Prevention and Management of Diabetes**
- 17:00 – 17:15 hr **Best Poster Award Ceremony
Closing Remarks**

◆ ◆ **End of Symposium Day 2** ◆ ◆

