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

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  Could Asian Diet and Gut Microbiome have an Impact on Diabetes?
  A/Prof. Yuan Kun Lee, National University of Singapore (NUS), Singapore
SESSION 2: Diabetes Prevention Strategies and Programs among Countries

14:20 – 14:55 hr  Novel Approaches in the Promotion of Physical Activity and Exercise for Prevention of Type 2 Diabetes  
                  Prof. Andrew Hills, University of Tasmania, Australia

14:55 – 15:20 hr  Diabetes Prevention in the Community: The Singapore Story  
                  Dr. Shyamala Thilagaratnam, HPB, Singapore

15:20 – 16:00 hr  Tea Break & Poster Viewing

16:00 – 16:35 hr  Community-based Diabetes Prevention Program in Thailand  
                  A/Prof. Valla Tantayotai, Walailak University, Thailand

16:35 – 17:10 hr  Molecular Endorsements of Lifestyle Modification Benefits towards Diabetes Prevention and Management  
                  Dr. M. Balasubramanyam, Madras Diabetes Research Foundation, India

17:10 – 17:45 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 – 14:05 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

14:05 – 15:15 hr  
Roundtable Discussions

15:15 – 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