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
A/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
Lunch & Poster Viewing

Gestational Diabetes Mellitus in a Multi-Ethnic Asian Cohort: Prevalence and Prediction of Glucose Intolerance at Postpartum
A/Prof. Mary Chong, NUS, Singapore

Ethnic Differences in Glycation and HbA1c-Glycemia Relationship: Impacts on Research, Diagnostic Cut-offs and Treatment
A/Prof. Melvin Leow, CNRC, Singapore

Novel Approaches in the Promotion of Physical Activity and Exercise for Prevention of Type 2 Diabetes
Prof. Andrew Hills, University of Tasmania, Australia

Diabetes Prevention in the Community: The Singapore Story
Dr. Shyamala Thilagaratnam, HPB, Singapore

Tea Break & Poster Viewing

Community-based Diabetes Prevention Program in Thailand
A/Prof. Valla Tantayotai, Walailak University, Thailand

Molecular Endorsements of Lifestyle Modification Benefits towards Diabetes Prevention and Management
Dr. M. Balasubramanyam, Madras Diabetes Research Foundation, India

Poster Viewing

SESSION 2: Diabetes Prevention Strategies and Programs among Countries

14:40 – 15:15 hr Novel Approaches in the Promotion of Physical Activity and Exercise for Prevention of Type 2 Diabetes
Prof. Andrew Hills, University of Tasmania, Australia

15:15 – 15:40 hr Diabetes Prevention in the Community: The Singapore Story
Dr. Shyamala Thilagaratnam, HPB, Singapore

15:40 – 16:05 hr Tea Break & Poster Viewing

16:05 – 16:40 hr Community-based Diabetes Prevention Program in Thailand
A/Prof. Valla Tantayotai, Walailak University, Thailand

16:40 – 17:15 hr Molecular Endorsements of Lifestyle Modification Benefits towards Diabetes Prevention and Management
Dr. M. Balasubramanyam, Madras Diabetes Research Foundation, India

17:15 – 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
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<tr>
<td>10:15 – 10:50 hr</td>
<td><strong>Tea Break &amp; Poster Viewing</strong></td>
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<td>10:40 – 11:15 hr</td>
<td><strong>Food-based Interventions for the Management of Diabetes: Opportunities and Challenges</strong>&lt;br&gt;Prof. Christiani Jeyakumar Henry, CNRC, Singapore</td>
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<td>11:15 – 11:50 hr</td>
<td><strong>The Role of Very Low Carbohydrate Diet for Type 2 Diabetes Management: a Long-term Randomised Trial</strong>&lt;br&gt;A/Prof. Grant Brinkworth, CSIRO - Health &amp; Biosecurity, Australia</td>
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<td>11:50 – 12:15 hr</td>
<td><strong>Low Glycaemic Index Rice in Diabetes Prevention and Management</strong>&lt;br&gt;Dr. Nese Sreenivasulu, International Rice Research Institute, Philippines</td>
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<td>12:15 – 13:15 hr</td>
<td><strong>Lunch</strong></td>
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<td>13:15 – 13:45 hr</td>
<td><strong>Study of Traditional and Natural Products for Treatment of Diabetes</strong>&lt;br&gt;Prof. Guang Ning, Shanghai Ruijing Hospital, China</td>
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<td>13:45 – 14:35 hr</td>
<td><strong>Diabetes Management: Trends, Innovations and New Technologies</strong></td>
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<td>◆ Artificial Intelligence (AI) and Cognitive Technologies to Aid Diabetes Management&lt;br&gt;Mr. Kelvin Tan, NUS Enterprise, Singapore</td>
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<td>◆ Mobile Technology in Diabetes Care: The Landscape Today&lt;br&gt;Dr. Teng Yan Yan, Holmusk, Singapore</td>
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<td>14:35 – 15:45 hr</td>
<td><strong>Roundtable Discussions</strong></td>
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<td>15:45 – 16:00 hr</td>
<td><strong>Tea Break</strong></td>
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<td>16:00 – 17:00 hr</td>
<td><strong>Panel Discussion Topic: The Need for a Long Term Multi-Stakeholder Partnership in the Prevention and Management of Diabetes</strong></td>
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<td>17:00 – 17:15 hr</td>
<td><strong>Best Poster Award Ceremony</strong></td>
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<td><strong>Closing Remarks</strong></td>
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◆◆ **End of Symposium Day 2** ◆◆