



## **SPEAKERS' BRIEF**

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**6<sup>th</sup> Asia-Pacific Diabetes and Obesity Conference**  
**27<sup>th</sup> & 28<sup>th</sup> August, 2010.**  
**Matrix Level 4, Biopolis Singapore**



**1. Summary Information**

Name of Event : **6<sup>th</sup> Asia-Pacific Diabetes and Obesity Conference**

Date : **27 – 28 August 2010 (Fri-Sat)**

Destination : **Singapore**

Venue : **Biopolis – Breakthrough & Discovery Singapore**  
Level 4, Matrix. 30 Biopolis Way, Singapore 138671

Website : <http://www.sbic.a-star.edu.sg/APDO/program.php>

Delegates : **Scientists and researchers**

Origin of : Australia, Japan, Korea, China, Hong Kong, New Zealand, Singapore, Taiwan

Expected No. : **50**  
of Delegates

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◆ Friday, August 27, 2010 ◆

**10:00-10:30 Opening Remarks**

Chairman, A\*STAR  
Chairman, BMRC  
David James, Australia

**10:30-12:00 Session 1: APDO Study Group Lecture**

Co-Chairs: Masato Kasuga, Japan  
David James, Australia

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**Inflammation and Metabolic Diseases.**

**Steven Shoelson, USA**

**12:00-13:00 Lunch Break**

**13:00-14:45 Session 2: Oral Presentations <10 minutes presentation + 5 minutes Q&A>**

Co-Chairs: Tao Xu, China  
Jae Bum Kim, Korea

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Oral 2-1 **The Role of the Circadian Transcription Factor D-site Binding Protein (DBP) in the Regulation of Energy Metabolism in Skeletal Muscle.**

**Gregory Cooney, Australia**

Oral 2-2 **"That which doesn't kill you, does you good"- Role of Translational Control in Type-2 Diabetes.**

**Shirish Shenolikar, Singapore**

Oral 2-3 **Elucidating the biological role of the orphan nuclear receptor, RORalpha: regulation of adiposity and glucose tolerance.**

**George Muscat, Australia**

Oral 2-4 **A Central Role of STAT3 in Homeostasis and Diabetes.**

**Xin-Yuan Fu, Singapore**

Oral 2-5 **The Transcriptional Coactivator Cited2 Regulates Hepatic Gluconeogenesis by Controlling PGC1- $\alpha$  Activity.**

**Michihiro Matsumoto, Japan**

Oral 2-6 **Replication of Genome-Wide Association Signals of Type 2 Diabetes in Han Chinese in a Prospective Cohort.**

**Yi-Chen Chang, Taiwan**

Oral 2-7 **Histone Modifications Determine Positive and Negative Hormonal Regulation of the TSH $\alpha$  Gene in the Pituitary.**

**Paul Yen, Singapore**



**14:45-16:15 Session 3: Oral Presentations <10 minutes presentation + 5 minutes Q&A >**

Co-Chairs: **Karen Lam, *Hong Kong***  
**Peter Shepherd, *New Zealand***

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Oral 3-1 **Role of Stra13 in Regulation of Hepatic Lipid Metabolism.**

**Wataru Ogawa, *Japan***

Oral 3-2 **Molecular Characterization of Seipin and Its Mutants: Implications for Seipin in Triacylglycerol Synthesis.**

**Robert Yang, *Australia***

Oral 3-3 **Drosophila Model of Lipodystrophy.**

**Xun Huang, *China***

Oral 3-4 **Mechanism of Inflammation-Induced Insulin Resistance: Reliance of Toll-Like Receptor-4 (TLR4) Action on Ceramide Synthesis Reveals Roles for Saturated Fatty Acids.**

**Scott Summers, *Singapore***

Oral 3-5 **Adipocyte Fatty Acid Binding Protein as a Link between Obesity and Cardiovascular Diseases.**

**Annette Tso, *Hong Kong***

Oral 3-6 **Chromatin Dynamics in Adipogenesis.**

**Feng Xu, *Singapore***

**16:15-16:45 Tea Break**



**16:45-18:30 Session 4: Oral Presentations <10 minutes presentation + 5 minutes Q&A >**

Co-Chairs: **Wataru Ogawa, Japan**  
**Weiping Han, Singapore**

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Oral 4-1 **Identification of a Specific Actin Filament Population Involved in Glucose Uptake and Insulin Secretion.**

**Peter Gunning, Australia**

Oral 4-2 **Dynamic Analysis of Type 2 Diabetic Progression with Proteomic Approach.**

**Jiarui Wu, China**

Oral 4-3 **Oxidative Stress and  $\beta$ -Cell Death – Protective Role of The Selenoprotein SEPS-1.**

**Sof Andrikopolous, Australia**

Oral 4-4 **Making a Diagnosis of Mitochondrial Diabetes, What Is the Point?**

**Rinky Murphy, New Zealand**

Oral 4-5 **Diabetes in China: the Challenge now.**

**Yan Bi, China**

Oral 4-6 **Metabolic Syndrome in Japan: Controversies about the Importance of Increased Waist Circumference.**

**Iseki Takamoto, Japan**

Oral 4-7 **The Novel Role of HERP in Insulin Secretion.**

**Nicole Wong, Australia**

**18:30- Dinner**

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◆ Saturday, August 28, 2010 ◆

07:30-08:00 **Breakfast**

08:00-09:45 **Session 5: Oral Presentations** <10 minutes presentation + 5 minutes Q&A >

Co-Chairs: **Peng Li, China**  
**Scott Summers, Singapore**

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Oral 5-1 **Regulation of the ER Stress Sensor IRE1 $\alpha$  in Pancreatic  $\beta$ -cells.**

**Yong Liu, China**

Oral 5-2 **Inflammation and Insulin Resistance: Cause or Consequence?**

**Mark Febbraio, Australia**

Oral 5-3 **Advanced Glycation End Products (AGEs) Increase Human Mesangial Foam Cell Formation by Increasing SCAP Golgi Modification.**

**Xiongzong Ruan, China**

Oral 5-4 **LXR: Its Roles in Beta-cell Dysfunction.**

**Jae Bum Kim, Korea**

Oral 5-5 **Fibroblast Growth Factor 21 as a Novel Metabolic Hormone Integrating the Circadian Rhythm with Energy Homeostasis in Man.**

**Karen Lam, Hong Kong**

Oral 5-6 **Inflammation Induced by Diet-Disrupted Gut Microbiota and Development of the Metabolic Syndrome in Mouse Model.**

**Chenhong Zhang, China**

09:30-10:15 **Tea Break**

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**10:15-12:00 Session 6: Oral Presentations <10 minutes presentation + 5 minutes Q&A >**

Co-Chairs: **Youfei Guan**, *China*  
**Mark Febbraio**, *Australia*

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Oral 6-1 **Investigating the Effect of Drugs Targeting the PI 3-kinase Pathway on Glucose Metabolism.**

**Peter Shepherd**, *New Zealand*

Oral 6-2 **Visfatin/eNamp1 Controls Energy Balance through Central SIRT1-independent Mechanisms.**

**Min Seon Kim**, *Korea*

Oral 6-3 **The Adaptor Protein APPL2 Suppresses Insulin-Evoked Inhibition of Hepatic Gluconeogenesis by Blocking the Membrane Targeting of APPL1 and Akt.**

**Aimin Xu**, *Hong Kong*

Oral 6-4 **Preadipocyte Factor-1 (Pref-1/Dik1) Induces Ductal Cell Transdifferentiation into  $\beta$ -cells through ERK-FOXO1 and Akt Pathways.**

**Ji-Won Kim**, *Korea*

Oral 6-5 **Dissecting the Final Stages of GLUT4 Vesicle Trafficking.**

**Will Hughes**, *Australia*

Oral 6-6 **A Novel Regulatory Cascade for Controlling CRTC2 Activity.**

**Seung-Hoi Koo**, *Korea*

Oral 6-7 **Biomarker Discovery: from SNPs to CpGs.**

**Chunming Ding**, *Singapore*

**12:00-12:15 Closing Remarks**

**Masato Kasuga**, *Japan*

**12:15- Lunch**

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### **3. Speakers' Information**

**Submission of presentation:** By 25<sup>th</sup> August 2010 to Pamela M. Devied, Event Manager @ [pamela\\_devied@splanner.com.sg](mailto:pamela_devied@splanner.com.sg)

**Rehearsal:** Breakthrough (4<sup>th</sup> Level), Matrix Biopolis will be available **from 0800hrs on 27<sup>th</sup> Aug 2010** for speakers' rehearsal. Kindly inform **Dr. Han Weiping** should you have a preferred timing.

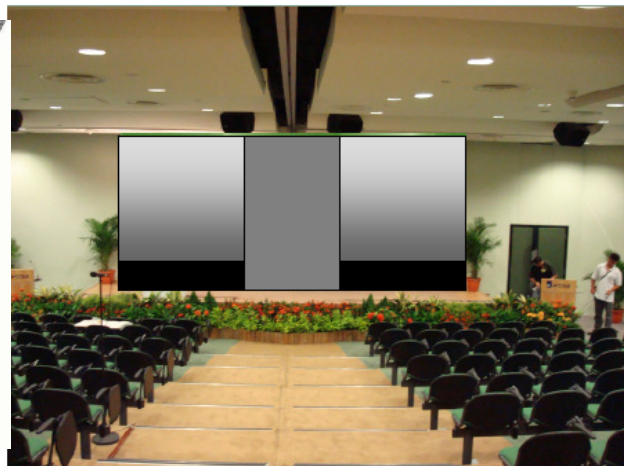
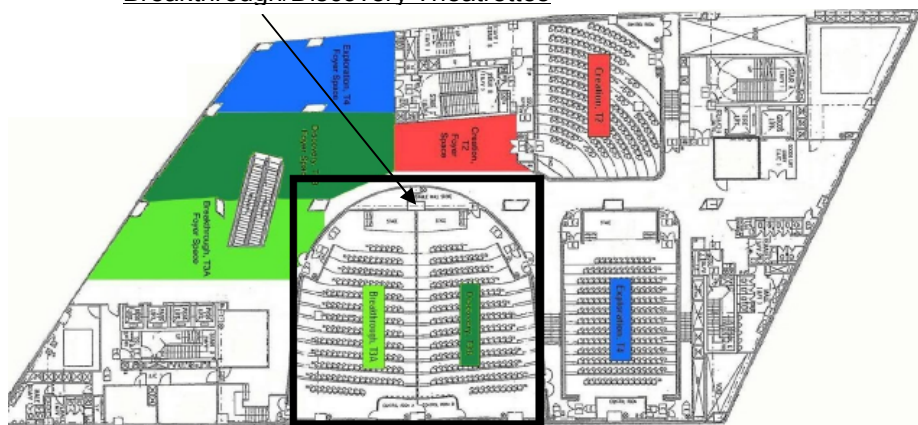
If applicable, final changes to presentations should be saved into a USB Thumbdrive to be uploaded on day of conference.

#### **Standard Audio Visual Equipment:**

- Remote clicker (to move slides forward/backward)
- Flash Cards (time keeping purposes)
- Wireless lapel microphone or podium microphone
- For MS ppt users: Presentations will be loaded into 2 notebooks placed at the AV console away from stage.
- For MAC ppt users : 1 MAC book placed at Podium
- DVD player (if required)

#### **Layout of Breakthrough & Discovery Biopolis:**

Breakthrough/Discovery Theatrettes





## **5. About the Destination**

### Background:

Though physically small, Singapore is an economic giant. It has been Southeast Asia's most modern city for over a century. The city blends Malay, Chinese, Arab, Indian and English cultures and religions. Its unique ethnic tapestry affords visitors a wide array of sightseeing and culinary opportunities from which to choose. A full calendar of traditional festivals and holidays celebrated throughout the year adds to its cultural appeal. In addition, Singapore offers luxury hotels, delectable cuisine and great shopping! The island nation of the Republic of Singapore lies one degree north of the Equator in Southern Asia. The country includes the island of Singapore and 58 or so smaller islands. Because of its efficient and determined government, Singapore has become a flourishing country that excels in trade and tourism and is a model to developing nations. The capital city, also called Singapore, covers about a third of the area of the main island.



### Attractions:

- Clarke Quay
- Orchard Road
- Chinatown
- Little India
- Arab Street
- Fullerton Hotel
- The Esplanade
- Raffles Hotel
- Thian Hock Kheng Temple
- Merlion Park
- Singapore Zoo
- Sentosa Island

### Climate:

33°C | °F with humidity ranging about 84%

## **6. About the Venue**

Located within one-north and in close proximity to the National University of Singapore, National University Hospital and the Singapore Science Parks, **Biopolis** envisions to be a world-class biomedical science research and development (R&D) hub in Asia. This place is dedicated to biomedical R&D activities and has an environment that fosters a collaborative culture among the private and public research community.

Address: **30 Biopolis Way, Singapore 138671**

Website: [http://www.one-north.sg/hubs\\_biopolis.aspx](http://www.one-north.sg/hubs_biopolis.aspx)

Additional Information:

**Location Map:**



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27<sup>th</sup> & 28<sup>th</sup> August, 2010.  
Matrix Level 4, Biopolis Singapore



## **7. Visa Information <OPTIONAL>**

### **Citizens of the following nations do not need visa:**

- » United States of America, Australia, Belgium, Denmark, Germany, Finland, France, Norway, South Korea, Spain, Sweden, Italy, Iceland, Luxemburg, Japan, Republic of Ireland
- » Countries that are members of the British Commonwealth (except India)
- » Philippines (diplomatic, special or official passport holders)
- » Liechtenstein, Monaco, Netherlands, San Marino, Switzerland, Thailand (diplomatic or service passport holders)
- » India (diplomatic or official passport holders)