

2023 Singapore Symposium on Frontiers of Neurometabolic Research
15 May 2023
Matrix Theatrette 2, Level 2M, Biopolis, 30 Biopolis Street, Singapore 138671

Programme

15 May 2023

09:00 – 09:30 Registration

Opening Remarks

09:30 – 09:40 Barry Halliwell, Chairman, BMRC Advisory Council (BMAC), A*STAR

Keynote Lecture (Chair: Han Weiping, IMCB, A*STAR)

09:40 – 10:40 Thomas Südhof, Stanford University (online)
Towards a Science-Based Approach to Drug Development in Alzheimer's Disease: A General Discussion

Session One (Chair: Han Weiping, IMCB, A*STAR)

10:40 – 11:05 Xu Tao, Guangzhou Laboratory & Institute of Biophysics, Chinese Academy of Sciences
Super-resolution Correlated Light and Electron Microscopy

11:05 – 11:15 Q and A

11:15 – 11:40 Song Bao-Liang, Wuhan University
New Regulatory Mechanisms of Cholesterol Metabolism

11:40 – 11:50 Q and A

11:50 – 12:15 Pei Duanqing, Westlake University
Dissecting the Human Segmentation Clock through Reprogramming

12:15 – 12:25 Q and A

12:25 – 13:45 Lunch (1 hour 20 mins)

Session Two (Chair: Li Qi-Jing, IMCB, A*STAR)

13:45 – 14:10 Zhu Pengcheng, ATLATL Innovation Center
Proof of Concept by ATLATL Interactive Discovery Program — A Creative Solution to Create New Ventures

14:10 – 14:20 Q and A

14:20 – 14:45 Xu Aimin, University of Hong Kong
Fibroblast Reticular Cells in Adipose Lymph Nodes Coordinate Neuro-Immune Crosstalk to Promote Beiging and Thermogenesis of White Adipose Tissue

14:45 – 14:55 Q and A

14:55 – 15:20 Liu Feng, Central South University
cGAS Signaling in Immunometabolism

15:20 – 15:30 Q and A

15:30 – 15:55 Liu Yong, Wuhan University
Metabolic Regulation by the ER Stress Sensor IRE1 α through Selective mRNA Decay

15:55 – 16:05 Q and A

16:05 – 16:40 Tea Break (35 mins)

Session Three (Chair: Xu Aimin, University of Hong Kong)

16:40 – 17:05 Hu Hailan, Zhejiang University
Relief as a Natural Resilience Mechanism against Depression

17:05 – 17:15 Q and A

17:15 – 17:40 Wang Liming, Shenzhen Bay Laboratory
The Regulation of Feeding Behavior and Metabolism by Dietary Protein Intake in Flies and Mice

17:40 – 17:50 Q and A

18:00 Transport to Dinner (speakers and invited guests)

18:45 Dinner (speakers and invited guests)

END OF SYMPOSIUM



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