10th Sino-Australian Research Symposium
Precision Medicine in Metabolic Health and Cancer

Tuesday 11 July 2017 8:30AM –5:30PM
Wednesday 12 July 2017 8:30AM-2:00PM
Sutherland Room, Holme Building, Camperdown, The University of Sydney

Tuesday 11 July
08.30am Official Welcome and Opening Speeches
Presentation of Honorary Professorship

10.00am Break

10.30am 1st session – Metabolic Health: Chair Person Professor Ning Guang

Professor Wang Weiqing, Vice-Chair of the Chinese Society of Endocrinology, Director-General of the Chinese Society for Clinical Endocrinologists, Chair of the Shanghai Endocrine Society, Vice-Chair of the Shanghai Diabetes Rehabilitation Society.

Gut microbiota, blood metabolome and obesity
Dr John O’Sullivan, Group Leader at Heart Research Institute, Senior Lecturer at the University of Sydney.

Discovering novel cardiovascular disease pathways

Professor Bao Yuqian, Director of Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital, Executive Deputy Director of Shanghai Clinical Center for Diabetes.

Biomarkers of cardiovascular diseases and new strategy in patients with type 2 diabetes

Professor Jillian Kril, Professor of Neuropathology, Discipline of Pathology, Associate Dean (Research), Sydney Medical School; Director, NSW Brain Tissue Resource Centre.

Identifying proteinopathies in patients with frontotemporal dementia

12.10pm Lunch break

01.30pm 2nd session – Cancer: Chair Person Professor Lei Ming

Professor Shen Baiyong, Vice President of Shanghai Ruijin Hospital, Vice Director of General Surgery Department, Shanghai Ruijin Hospital.

Pancreatic cancer treatment development in the past 10 years

Professor Deborah Marsh, Head of Functional Genomics Laboratory, Hormones and Cancer Group, Kolling Institute of Medical Research, University of Sydney.

Genomic and epigenomic drivers of ovarian cancer

Professor Zheng Junke, Professor, Key Laboratory of Cell Differentiation and Apoptosis of Chinese Ministry of Education, Shanghai Jiao Tong University School of Medicine.

Exosomal autocrine signalling in controlling haematopoiesis and leukemogenesis

Professor Nick King, Professor of Viral Immunopathology, Head of Discipline of Pathology, School of Medical Sciences; and Director of Sydney Cytometry, University of Sydney.

Manipulating the myeloid lineage to influence the inflammatory milieu in tissues.

03.10pm Break
Tuesday 11 July continued

03.25pm 3rd session – Cancer: Chair Person Professor Nick King

Professor Song Huaidong, Professor and Director of The Medicine Center for Clinical Research, Vice Director of Shanghai Institute of Endocrinology and Metabolism, Principal Investigator of State Key Laboratory of Genomics Medicine.

Mimecan, a Hormone Abundantly Expressed in Adipose Tissue, Reduced Food Intake Independently of Leptin Signaling

Professor Bob Bao, Post-Graduate Coordinator, Discipline of Pathology, School of Medical Sciences, Bosch Institute.

IL-34 in gastric cancer, an application in precision medicine

Professor Fang Jingyuan, Chief of Division of Gastroenterology and Hepatology, Professor and Chairman, Department of Internal Medicine, Director, Shanghai Institute of Digestive Disease, Renji Hospital, Shanghai Jiao Tong University School of Medicine

Tumorigenesis and prevention in GI cancers: the data from my group

Associate Professor Susan McLennan, Director Operations, NSW Health Pathology; Scientific Head of Endocrinology Research Laboratories, University of Sydney

MicroRNA expression in the risk stratification of Papillary Thyroid Carcinoma (PTC)

05.10pm Wrap up discussions

Wednesday 12 July

08.30am 4th session – Metabolic Health: Chair Person Professor Stephen Twigg

Professor Cheng Jinke, Dean, School of Basic Medicine, Department of Biochemistry and Molecular Cell Biology, Shanghai Jiao Tong University School of Medicine.

Protein SUMOylation Controls Mitochondrial Metabolism

Associate Professor Jencia Wong, Senior Staff Specialist Endocrinologist and Director of Research, Royal Prince Alfred Hospital Diabetes Centre; Clinical Associate Professor, Central Clinical School, University of Sydney.

Precision medicine in Diabetes: timing is everything

Professor Wang Hui, Dean, School of Public Health, Shanghai Jiao Tong University School of Medicine.

Vitamin D Deficiency and its Roles in Health and Diseases

Dr Zhou Yuling, Postdoctoral Research Fellow, Discipline of Pathology, Charles Perkins Centre, University of Sydney.

Metabolic syndrome: is there a link to genetic background?

10.20am Break

10.30am 5th session – Cancer: Chair Person Professor Nick King

Professor John Rasko, AO, Professor of Sydney Medical School; Head of Gene and Stem Cell Therapy Program, Centenary Institute; Head of Department, Cell & Molecular Therapies, Royal Prince Alfred Hospital.

Achieving clinically meaningful results using cell and gene therapies

Professor Zhao Weili, Deputy Director, Department of Hematology, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine; Deputy Director, Shanghai Institute of Haematology.

Precision Medicine in Malignant Lymphoma

Professor Robert Baxter, Head of Hormone and Cancer Laboratories, Kolling institute of Medical Research, University of Sydney.

A novel combination therapy for triple-negative breast cancer

Professor Lei Ming, Director of Shanghai Institute Precision Medicine, Shanghai Jiao Tong University School of Medicine.

Telomeric TERB1-TRF1 interaction is crucial for male meiosis

12.10pm Strategic Workshop – Moving Forward in Precision Medicine: The Next Decade and Collaboration

2.00pm Conclusion of symposium