



The 6th Annual Conference of Chinese Society for Neurobiological
Control of Metabolism
April 12-14, 2024, Quanzhou, China
第六届中国神经调控代谢国际研讨会
日程 Program

Organizing Committee:

Prof Shu Lin: The Second Affiliated Hospital, Fujian Medical University, China/Garvan Institute of Medical Research, Australia

Prof Tiemin Liu: Fudan University, Shanghai, China

A/Prof Yanchuan Shi: Garvan Institute of Medical Research/UNSW Sydney, Australia

2024 年 04 月 12 日 星期五 (Friday, 12 April 2024)

优秀青年科学家学术报告 Invited Rising Stars Session

主持人: 姚婷 西安交通大学; 黄银琼 福建医科大学附属第二医院; 张楠 华中科技大学协和医院; 乌英嘎 内蒙古大学

Session Chairs: Ting Yao, Yinqiong Huang, Nan Zhang, Wuyingga

时间/Time	报告人/Invited Speaker	题目/Title
13:30-13:45	李旻典 陆军军医大学西南医院 Min-Dian Li , The Southwest Hospital of AMU, Chongqing, China	Circadian rhythms of adipose tissue during obesity
13:45-14:00	饶枫 南方科技大学生命科学学院 Feng Rao , Southern University of Science and	Evolutionary bifurcation of light-driven neuroendocrine pathways via sympathetic and parasympathetic nervous systems

	Technology, Shenzhen, China	
14:00-14:15	王聪 复旦大学药学院 Cong Wang , School of Pharmacy, Fudan University, Shanghai, China	Advanced molecular imaging technology tailored for epilepsy surgery
14:15-14:30	叶慧 新加坡南洋理工大学 Hui Ye , Nanyang Technological University, Singapore	27 hydroxy-cholesterol acts on estrogen receptors expressed in POMC
14:30-14:45	王虹 中国科学院深圳先进技术研究院 Hong Wang , Shenzhen Institute of Advanced Technology Chinese Academy of Sciences, Shenzhen, China	Progesterone feedback drives brain neurotensin signaling to control ovarian cycles
14:45-15:00	陈祥荣 福建医科大学附属第二医院 Xiang-Rong Chen , The Second Affiliated Hospital, Fujian Medical University, Quanzhou, China	Exploring the impact of abnormal brain metabolic microenvironment on microglia-mediated cerebral microcirculation after traumatic brain injury: A neurovascular unit perspective
15:00-15:15	李博 上海交通大学医学院附属新华医院 Bo Li , Xinhua Hospital Affiliated Shanghai Jiaotong University School of Medicine, Shanghai, China	Downregulation of microRNA-145a-5p promotes steatosis-to-NASH progression through upregulation of NR4A2
15:15-15:30	茶歇/Afternoon Tea & Networking	
主持人: 陈春暖 福建医科大学附属第二医院; 廖云飞 华中科技大学协和医院; 张燚 上海市第六人民医院; 穆文辉 内蒙古大学 Session Chairs: Chunnuan Chen, Yunfei Liao, Yi Zhang, Wenhui Mu		
时间/Time	报告人/Invited Speaker	题目/Title

15:30-16:45	王巧平 中山大学药学院 Qiaoping Wang , School of Pharmaceutical Sciences (Shenzhen), Sun Yat-sen University, Shenzhen, China	Identification of novel regulators for obesity
15:45-16:00	瞿文瑞 吉林大学白求恩第二医院 Wen-Rui Qu , The Second Norman Bethune Hospital of Jilin University, Changchun, China	The neuro/skin axis in diabetic wound healing
16:00-16:15	郑啸 中国药科大学药学院 Xiao Zheng , China Pharmaceutical University, Nanjing, China	Neural-metabolite interaction in gut-brain comorbidity
16:15-16:30	马凯 浙江大学医学院附属第一医院 Kai Ma , The First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China	The hypothalamic epigenetic landscape in dietary obesity
16:30-16:45	张楠 华中科技大学同济医学院附属协和医院 Nan Zhang , Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China	Moms are cool: Impaired warm sensing by preoptic estrogen receptor alpha neurons in postpartum females
16:45-17:00	李玲 东南大学附属中大医院 Ling Li , Zhongda Hospital Southeast University, Nanjing, China	Endovascular celiac denervation for glycemic control in patients with Type 2 diabetes mellitus

2024年04月13日星期六 (Saturday, 13 April 2024)		
主持人: 石雁川 澳大利亚加文医学研究所/新南威尔士大学/福建医科大学附属第二医院客座教授 Session Chair: Yanchuan Shi, Garvan Institute of Medical Research/UNSW, Sydney Australia		
时间/Time	致辞/Welcome & Opening Remarks	
08:00-08:20	领导致辞 Welcome & Opening Remarks	
08:20-08:23	复旦大学刘铁民教授致辞 From Prof Tiemin Liu, Fudan University	
08:23-08:26	大会主席福建医科大学附属二院林树教授介绍大会情况 From Prof Shu Lin, Fujian Medical University	
08:26-08:50	合影/Group photo	
主持人: 林树 福建医科大学附属第二医院 Session Chair: Shu Lin, Fujian Medical University, Fujian, China		
时间/Time	大会报告人/Plenary Session 1	题目/Title
08:50-09:40	王立平 中国科学院深圳先进技术研究院 Liping Wang , Shenzhen Institute of Advanced Technology Chinese Academy of Sciences, Shenzhen, China	Dissection of neural circuitry of innate behaviors
主持人: 高原青 南京医科大学; 许杰 武汉大学 Session Chairs: Yuanqing Gao, Jie Xu		
时间/Time	报告人/Invited Session 1	题目/Title
09:40-10:05	Zane Andrews 莫纳什大学 Monash University, Melbourne, Australia	Neural processing of hunger: how AgRP neurons integrate internal energy need with external sensory information
10:05-10:30	童青春 德州大学 Qingchun Tong , University of Texas, Houston,	An alternative neural basis for leptin resistance

	USA	
10:30-10:55	刘铁民 复旦大学 Tiemin Liu , Fudan University, Shanghai, China	The atlas and function of hypothalamus
10:55-11:20	周煜东 浙江大学 Yudong Zhou , Zhejiang University, Hangzhou, China	Paraventricular thalamus regulates sucrose-seeking in approach-avoidance conflict
11:20-11:45	占成 中国科学技术大学 Cheng Zhan , University of Science and Technology of China, Hefei, China	Neuroregulation of feeding and immunity: Understanding the interactions
11:45-13:45	午餐/Lunch & Networking 壁报/Poster Viewing	
主持人: 陈万金 福建医科大学 Session Chair: Wanjin Chen , Fujian Medical University, Fujian, China		
时间/Time	大会报告人/Plenary Session 2	题目/Title
13:45-14:35	Jens Bruening 马克斯·普朗克代谢研究所 Max Planck Institute for Metabolism Research, Cologne, Germany	Hypothalamus-dependent control of liver organelle dynamics during metabolic transitions
主持人: Ilya A. Vinnikov 上海交通大学; 韩勇上海交通大学医学院松江研究院 Session Chair: Ilya A. Vinnikov, Yong Han		
时间/Time	报告人/Invited Session 2	题目/Title
14:35-15:00	庞志平 罗格斯大学 Zhiping Pang , Rutgers University, New Jersey, USA	State-dependent central synaptic regulation by GLP-1 is essential for energy homeostasis
15:00-15:25	Frederic Meunier 昆士兰大学脑科学研究所 Queensland Brain Institute, Brisbane, Australia	Linking lipid metabolism and memory formation: DDHD2 and STXBP1

15:25-15:50	沈伟 上海科技大学 Wei Shen , ShanghaiTech University, Shanghai, China	Central control of body temperature and blood sugar
15:50-16:15	唐亚梅 中山大学孙逸仙纪念医院 Yamei Tang , Sun Yat-Sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China	Neuro-Immune crosstalk and blood-brain barrier dysfunction in transient insult-induced brain injury
16:15-16:30	茶歇/Afternoon Tea & Networking	
主持人: 肖雷 复旦大学; 赵政东 上海交通大学医学院松江研究院 Session Chairs: Lei Xiao, Zhengdong Zhao		
时间/Time	报告人/Invited Session 3	题目/Title
16:30-16:55	Garron Dodd 墨尔本大学 The University of Melbourne, Melbourne, Australia	Hypothalamic neurofibrosis: A new player in the fight against metabolic disease
16:55-17:20	高志华 浙江大学 Zhihua Gao , Zhejiang University, Hangzhou, China	The oxytocin neuroendocrine system and emotional control
17:20-17:45	曾文文 清华大学 免疫学研究所 Wenwen Zeng , Tsinghua University, Beijing, China	Sympathetic regulation of energy balance
17:45-18:10	傅玉 新加坡科技研究局 Yu Fu , The Agency for Science, Technology and Research, A*STAR, Singapore	Decoding tuberal nucleus feeding regulation circuits
18:30-21:00	会议晚宴 Conference Dinner	

2024年04月14日星期日 (Sunday, 14 April 2024)		
主持人: 童青春 德州大学 Session Chair: Qingchun Tong, University of Texas, USA		
时间/Time	大会报告人/Plenary Session 3	题目/Title
08:00-08:50	Tamas Horvath 耶鲁大学 Yale University, New Haven, USA	AgRP neurons control aging and health span
08:50-09:00	茶歇/Tea break	
主持人: 张智 复旦大学; 王亚楠 西安交通大学第一附属医院 Session Chairs: Zhi Zhang, Yanan Wang		
时间/Time	报告人/Invited Session 4	题目/Title
09:00-09:25	薛天 中国科学技术大学 Tian Xue , University of Science and Technology of China, Hefei, China	Light regulates glucose metabolism
09:25-09:50	Brian Drew 贝克心脏与糖尿病研究所 Baker IDI Heart and Diabetes Institute, Melbourne, Australia	Using hybrid mouse models to investigate the molecular underpinnings of metabolic disease
09:50-10:15	郭非凡 复旦大学 Feifan Guo , Fudan University, Shanghai, China	Amino acid sensing and health
10:15-10:40	熊伟 中国科学技术大学 Wei Xiong , University of Science and Technology of China, Hefei, China	Microbiota-gut-brain axis drives bulimia nervosa
10:40-11:05	Kim Loh 圣文森医学研究所 St Vincent' Institute of Medical Research, Melbourne, Australia	Regulation of pancreatic beta-cell function by salt-inducible kinases
11:05-12:30	午餐/Lunch & Networking 壁报/Poster viewing	

主持人: 孔星星 复旦大学 Session Chair: Xingxing Kong, Fudan University, Shanghai, China		
时间/Time	大会报告人/Plenary Session 4	题目/Title
12:30-13:20	Mark Febbraio 莫纳什大学 Monash University, Melbourne, Australia	IL-6 family cytokines: How do they regulate nutrient balance and improve cardiometabolic health?
主持人: 刘军力 上海市第六人民医院; 周红文 江苏省人民医院 Session Chairs: Junli Liu, Hongwen Zhou		
时间/Time	报告人/Invited Session 5	题目/Title
13:20-13:45	杨晓勇 耶鲁大学 Xiaoyong Yang , Yale University, New Haven, USA	Metastat (代谢元枢): The great reset of Metabolism
13:45-14:10	Matthew Watt 墨尔本大学 The University of Melbourne, Melbourne, Australia	Delineating hepatokine secretion in NAFLD: implications for the treatment of metabolic diseases
14:10-14:35	孔星星 复旦大学 Xingxing Kong , Fudan University, Shanghai, China	Myostatin, a metabolic factor, links BAT and skeletal muscle
14:35-15:00	刘际 中国科学技术大学 Ji Liu , University of Science and Technology of China, Hefei, China	Hypothalamus-autonomic nervous system control glucose metabolism
15:00-15:25	石雁川 澳大利亚加文医学研究所/新南威尔士大学 Yanchuan Shi , Garvan Institute of Medical Research/UNSW Sydney, Australia	New insights into the control of adiposity and glucose metabolism
15:25-15:40	茶歇/Afternoon Tea & Networking	
主持人: 何钊 山东大学; 杨文 上海科技大学		

Session Chairs: Zhao He, Wen Yang		
时间/Time	报告人/Invited Session 6	题目/Title
15:40-16:05	吴青峰 中国科学院 Qingfeng Wu , Chinese Academy of Sciences, Beijing, China	Identification of a neural basis for energy expenditure in the arcuate hypothalamus
16:05-16:30	Leonie Heilbronn 阿德雷德大学 Adelaide University, Adelaide, Australia	Intermittent fasting versus caloric restriction: impact on metabolism, appetite and eating behaviours in humans with obesity
16:30-16:55	黄旭枫 卧龙岗大学 Xu-Feng Huang , University of Wollongong, Wollongong, Australia	Inflammation-induced cognitive decline and prevention in obesity and metabolic syndrome
16:55-17:20	汪浩 浙江大学 Hao Wang , Zhejiang University, Hangzhou, China	Role of vIPAG "feeding repressor" cells in energy homeostatic regulation
17:20-17:45	余立清 马里兰大学 Liqing Yu , University of Maryland, Baltimore, USA	The role of cytosolic lipid droplet lipolysis in metabolic disease
17:45-17:55	闭幕词:林树 福建医科大学 Closing remarks: Prof Shu Lin, The Second Affiliated Hospital, Fujian Medical University	