

中加神经科学研讨会

Sino-Canadian Joint Neuroscience Symposium

时 间： 2017 年 10 月 16-17 日

地 点： 上海交通大学医学院图书馆底楼演讲厅

主办单位： 中国神经科学学会离子通道与受体分会

承办单位： 上海交通大学基础医学院

协办单位： 上海市转化医学协同创新中心

支 持： 科技部蛋白质科学重大研究计划《重要新型膜离子通道门控和调节制的结构基础》



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Conference Guide

Agenda:

October 15

18:00-19:00 Welcome Dinner 欢迎晚宴

October 16

SESSION 1:

9:20-9:30 Opening Remark 开幕致辞

9:30-11:50 Meeting Report 会议报告

12:00-13:30 Lunch 午餐

SESSION 2:

13:30-16:20 Meeting Report 会议报告

SESSION 3:

16:20-17:20 Young Investigator Symposium 青年科学家论坛

18:00-19:00 Dinner 晚餐

October 17

SESSION 4:

9:30-11:50 Meeting Report 会议报告

12:00-13:30 Lunch 午餐

SESSION 5:

13:30-17:20 Meeting Report 会议报告

18:00-19:00 Dinner 晚餐

Venue:

Library of Shanghai Jiao Tong University School of Medicine

上海交通大学医学院图书馆底楼演讲厅

No. 280 South Chongqing Road, Huangpu District, Shanghai, China

上海市黄浦区重庆南路 280 号

Accommodation:

JIN JIANG TOWER

上海新锦江大酒店

No. 161 Changle Road, Huangpu District, Shanghai, China

上海市黄浦区长乐路 161 号

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Conference Program

HOST	Hong-Zhuan Chen (陈红专), <i>Vice President of SJTUSM</i> Tian-Le Xu (徐天乐), <i>Shanghai Jiao Tong University School of Medicine</i>
FOR CONTACT	Cell phone – 13482730599 (Nan-Jie Xu, 徐楠杰) 18616502189 (Wei-Guang Li, 李伟广) Office – Room 303, No. 5 Building, 280 South Chongqing Road, Shanghai
Sunday, October 15, 2017	
8:00-22:00	Arrival
6:00 pm	Dinner with Hong-Zhuan Chen (陈红专), Tian-Le Xu (徐天乐), Yong Li (李勇) & others
Monday, October 16, 2017, SESSION 1: Chaired by Dr. Tian-Le Xu (徐天乐), <i>Shanghai Jiao Tong University School of Medicine</i>	
9:20-9:30 am	Opening Remark
9:30-10:00 am	Dr. Brian MacVicar <i>University of British Columbia</i> The mechanisms of neuronal death during cytotoxic edema
10:00-10:30 am	Dr. Nan-Jie Xu (徐楠杰) <i>Shanghai Jiao Tong University School of Medicine</i> Acidic Niche depletes NSCs in early stage AD
10:30-10:50 am	Photo & Coffee/Tea break 拍照, 茶歇
10:50-11:20 am	Dr. Anthony G. Phillips <i>University of British Columbia</i> Multidisciplinary perspectives on drug-induced behavioral sensitization
11:20-11:50 am	Dr. Yu Tian Wang (王玉田) <i>University of British Columbia</i> Development of NMDAR positive allosteric modulators as novel therapeutics for brain disorders
12:00 am	Lunch

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SESSION 2:

Chaired by Dr. Sheng-Di Chen (陈生弟), *Shanghai Jiao Tong University School of Medicine*

1:30-2:00 pm	<p>Dr. Terrance P. Snutch <i>University of British Columbia</i></p> <p>CONGENITAL MIGRAINE: Unexpected complexity of a single gene defect in brain pathophysiology</p>
2:00-2:30 pm	<p>Dr. Lynn Raymond <i>University of British Columbia</i></p> <p>Altered synaptic function and plasticity in early-stage Huntington disease: Therapeutic implications</p>
2:30-3:00 pm	<p>Dr. Xiaoping Tong (童小萍) <i>Shanghai Jiao Tong University School of Medicine</i></p> <p>Exploring Kir4.1 ion channel functions in brain diseases</p>
3:00-3:20 pm	Coffee/Tea break 茶歇
3:20-3:50 pm	<p>Dr. Lu-Yang Wang (王路阳) <i>University of Toronto</i></p> <p>Targeting a novel molecular locus in cerebellum for rescuing the Fragile X Syndrome</p>
3:50-4:20 pm	<p>Dr. Fang Liu (刘芳) <i>University of Toronto</i></p> <p>Identification of a potential biomarker and therapeutic target for PTSD</p>
<h3>SESSION 3: Young Investigator Symposium</h3> <p>Chaired by Dr. Lu-Yang Wang (王路阳), <i>University of Toronto</i></p>	
4:20-4:40 pm	<p>Dr. Wei-Guang Li (李伟广) <i>Shanghai Jiao Tong University School of Medicine</i></p> <p>GATing fear renewal</p>
4:40-5:00 pm	<p>Dr. Jianfei Lu (卢剑飞) <i>Shanghai Jiao Tong University School of Medicine</i></p> <p>A role for ASIC3 in the modulation of blood flow</p>

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5:00-5:20 pm	Dr. Ming-Gang Liu (刘明刚) <i>Shanghai Jiao Tong University School of Medicine</i> ASIC and synaptic plasticity: How much do we know?
6:00 pm	Dinner with Nan-Jie Xu (徐楠杰), and others
Tuesday, October 17, 2017, SESSION 4: Chaired by Dr. Jianqing Ding (丁健青), <i>Shanghai Jiao Tong University School of Medicine</i>	
9:30 -10:00 am	Dr. Gerald Zamponi <i>University of Calgary</i> Optogenetic dissection of brain circuits involved in neuropathic pain
10:00-10:30 am	Dr. Ju Huang (黄菊) <i>Shanghai Jiao Tong University School of Medicine</i> A Cdh1-APC/FMRP ubiquitin signaling link drives mGluR-Dependent synaptic plasticity
10:30-10:50 am	Coffee/Tea break 茶歇
10:50-11:20 am	Dr. Weihong Song (宋伟宏) <i>University of British Columbia</i> BACE1 cleavage site selection critical for amyloidogenesis and Alzheimer's pathogenesis
11:20-11:50 am	Dr. Min Zhuo (卓敏) <i>University of Toronto</i> Cortical presynaptic LTP as a synaptic mechanism for pain-related anxiety
12:00 am	Lunch
SESSION 5: Chaired by Dr. Weifang Rong (戎伟芳), <i>Shanghai Jiao Tong University School of Medicine</i>	
1:30-2:00 pm	Dr. Neil Cashman <i>University of British Columbia</i> Protein misfolding: opportunities and obstacles

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2:00-2:30 pm	Dr. Xiao-Ling Gao (高小玲) <i>Shanghai Jiao Tong University School of Medicine</i> Reconstituted high density lipoprotein: biomimetic nanocarrier for drug delivery to the central nervous system
2:30-3:00 pm	Dr. Siyu Zhang (张思宇) <i>Shanghai Jiao Tong University School of Medicine</i> Top-down modulation of visual processing
3:00-3:20 pm	Coffee/Tea break 茶歇
3:20-3:50 pm	Dr. Ging-Yuek Robin Hsiung <i>University of British Columbia</i> Mechanisms of disease in frontotemporal lobar degeneration
3:50-4:20 pm	Dr. Qian Li (李乾) <i>Shanghai Jiao Tong University School of Medicine</i> Dissecting the attraction and aversion circuits in the zebrafish TAAR olfactory subsystem
4:20-4:50 pm	Dr. Yujie Tang (唐玉杰) <i>Shanghai Jiao Tong University School of Medicine</i> "Histone poison" in pediatric brain tumor: mechanism and application
4:50-5:20 pm	Dr. Mingliang Zhang (张明亮) <i>Shanghai Jiao Tong University School of Medicine</i> Turn on neural program through pharmacological approaches
6:00 pm	Dinner with Weifang Rong (戎伟芳), and others
Wednesday, October 18, 2017	
	Free
Thursday, October 19, 2017	
	Lunch with Tian-Le Xu (徐天乐), Nan-Jie Xu (徐楠杰), and others
	Afternoon Departure

加方报告人:



Brian MacVicar (加拿大皇家科学院院士, 加拿大健康科学院院士)

<http://www.macvicarlab.ca/Brian%20Bio/index.html>

Professor, Co-Director, Djavad Mowafaghian Centre for Brain Health, Canada Research Chair in Neuroscience, Department of Psychiatry, Faculty of Medicine, University of British Columbia, Canada

2007 Elected Fellow, Royal Society of Canada

2010 Elected Fellow, Canadian Association of Health Sciences

2007-2010 President Canadian Association for Neuroscience

2003-2008 Director, CIHR Group –“Synaptic Structure and Function



Yu-Tian Wang (王玉田, 加拿大皇家科学院院士)

<http://www.neuroscience.ubc.ca/wang.htm>

Professor, Djavad Mowafaghian Centre for Brain Health, Department of Medicine, UBC Hospital, University of British Columbia, Canada

2006 Elected Fellow, Royal Society of Canada



Anthony G. Phillips (加拿大皇家科学院院士, 加拿大健康科学院院士)

<http://www.neuroscience.ubc.ca/phillips.htm>

Professor, Director of Institute of Mental Health, Department of Psychology, University of British Columbia, Canada

1986 Elected Fellow, Royal Society of Canada

2010 Elected Fellow, Canadian Academy of Health Sciences



Terrance P. Snutch (加拿大皇家科学院院士, 加拿大健康科学院院士)

<http://snutchlab.msl.ubc.ca/>

Professor and Canada Research Chair in Biotechnology and Genomics-Neurobiology Michael Smith Laboratories

Director of Translation Neuroscience, Djavad Mowafaghian Centre for Brain Health, University of British Columbia, Canada

2001 Elected Fellow, Royal Society of Canada

2008 Elected Fellow, Canadian Academy of Health Sciences



Gerald Zamponi (加拿大皇家科学院院士, 加拿大健康科学院院士)

<http://www.ucalgary.ca/pp/faculty/primary-members/gerald-w-zamponi>

Canada Research Chair, Senior Associate Dean for Research
Professor, Department of Physiology and Pharmacology, Cumming
School of Medicine, University of Calgary, Canada
2008 Elected Fellow, Royal Society of Canada
2010 Elected Fellow, Canadian Association of Health Sciences



Min Zhuo (卓敏, 加拿大皇家科学院院士)

<http://www.physiology.utoronto.ca/content/min-zhuo>

Professor, Department of Physiology, Faculty of Medicine, University of
Toronto, Canada
2009 Elected Fellow, Royal Society of Canada



Wei-Hong Song (宋伟宏, 加拿大健康科学院院士)

<http://www.neuroscience.ubc.ca/song.htm>

Professor, Canada Research Chair in Alzheimer's Disease
Jack Brown and Family Professor, Associate Director of Institute of Mental
Health, Department of Psychiatry, Faculty of Medicine, University of British
Columbia, Canada
2012 Elected Fellow, Canadian Association of Health Sciences
2009 Editorial Board, Journal of Clinical Investigation



Neil Cashman

<http://www.chrcrm.org/en/rotm/dr-neil-cashman>

Professor, Djavad Mowafaghian Centre for Brain Health, Division of
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Ging-Yuek Robin Hsiung

<https://www.vchri.ca/researchers/ging-yuek-robin-hsiung>

Ralph Fisher & Alzheimer Society of BC Professor, Division of Neurology,
Department of Medicine, University of British Columbia, Canada



Fang Liu (刘芳)

http://www.camh.ca/en/research/about_research_at_CAMH/scientific_staff_profile/Pages/Fang-Liu.aspx

Professor, Department of Psychiatry, University of Toronto, Canada
Senior Scientist of Molecular Neuroscience, Campbell Family Mental
Health Research Institute, Centre for Addiction and Mental Health,
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Lynn Raymond

https://www.researchgate.net/profile/Lynn_Raymond

Professor, Djavad Mowafaghian Centre for Brain Health, Canada
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Lu-Yang Wang (王路阳)

<http://www.physiology.utoronto.ca/res/list/wang.htm>

Professor & Director of the Neuroscience Platform, Department of
Physiology, Senior Scientist & Interim Head, Program in Neuroscience &
Mental Health, SickKids Research Institute, University of Toronto, Canada

中方与会专家



Hong-Zhuan Chen (陈红专)

Professor, Vice President of Shanghai Jiao Tong University School of Medicine, Director of SJTUSM-ION/CEBSIT Joint Clinical Research Center for Brain Disorder



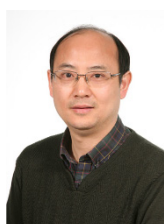
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Professor, Department of Neurology & Neuroscience Institute, Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine



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Professor & Chairman, Department of Anatomy and Physiology, College of Basic Medical Sciences, Shanghai Jiao Tong University School of Medicine



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Xiao-Ling Gao (高小玲)

Professor, Department of Pharmacology and Chemical Biology, College of Basic Medical Sciences, Shanghai Jiao Tong University School of Medicine



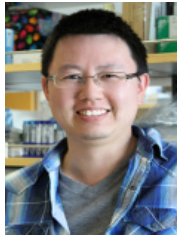
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Mingliang Zhang (张明亮)

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Ming-Gang Liu (刘明刚)

Ph.D., Associate Investigator, Department of Anatomy and Physiology, College of Basic Medical Sciences, Shanghai Jiao Tong University School of Medicine



Jianfei Lu (卢剑飞)

Ph.D., Postdoc, Department of Anatomy and Physiology, College of Basic Medical Sciences, Shanghai Jiao Tong University School of Medicine

大会主席：

徐天乐 上海交通大学医学院解剖学与生理学系主任

王玉田 加拿大英属哥伦比亚大学脑健康中心教授, 加拿大皇家科学院院士

陈红专 上海交通大学医学院副院长、上海交通大学医学院-中国科学院神经科学研究所脑疾病临床研究中心主任

大会主持人：

陈生弟 上海交通大学医学院附属瑞金医院神经内科主任

丁健青 上海交通大学医学院科技处处长、附属瑞金医院神经内科教授

戎伟芳 上海交通大学医学院解剖学与生理学系教授

会议概况：

“中加神经科学研讨会”，简称“中加会议”，是由上海交通大学医学院（SJTU）和加拿大英属哥伦比亚大学（UBC）联合主办的双边神经科学研讨会。该研讨会自 2013 年至今，已分别在上海和温哥华成功举办 2 届；旨在宣传、展示和推动两校神经科学基础和临床研究的发展，为两校的神经科学研究提供一个高起点，搭建高水平的学术交流平台，拓宽学术视野，为推动神经科学学科建设和培养神经科学领域的拔尖创新人才创造学术环境。

本次研讨会为第三届“中加会议”，会期为三天，将邀请 12 位享有国际盛名的加拿大神经科学专家（其中 7 位为加拿大皇家科学院院士和/或加拿大健康科学院院士）和上海交通大学医学院十余位课题组长作专题学术报告，同时也邀请了上海交通大学医学院及附属医院神经科学同行参会交流，共同探讨神经科学研究的最新进展。预计参会人数将达到 150 人以上。