

2018 International Conference on CNS Injury and Repair

State Key Laboratory of Medical Neurobiology and Institutes of Brain Science, Fudan University, Shanghai, China

Date: November 9-10, 2018

Venue: Ming-Dao Building Lecture Hall, Fenglin Campus, Fudan University

Organizing Committee: Ping Zheng, Eng H. Lo, and Jun Chen

2018 International Conference on CNS Injury and Repair

State Key Laboratory of Medical
Neurobiology and Institutes of Brain
Science, Fudan University, Shanghai,
China

Registration:

Nov 8, 14:00 – 22:00: at Pullman Shanghai Skyway
(15 Da-Pu Road, Shanghai, 200023, China)

Nov 8, 18:30 – 20:30 Welcome reception

Conference :

Nov 9-10, Ming-Dao Building Lecture Hall, Fenglin
Campus, Fudan University, 131 Dong An Road,
Shanghai, 200032

In this mini-symposium, 18 internationally recognized researchers will present their recent work on the pathophysiology of CNS injury and repair, merging topics on genomic and epigenetic regulation, CNS-peripheral interactions, and neuronal and non-neuronal mechanisms. The purposes of this conference are to enhance the crosstalk between basic science and clinical research and to facilitate the clinical translation of basic science discoveries for the prevention and treatment of stroke and other neurological disorders.

November 9

Opening Ceremony

Chair: Ping Zheng

- 8: 30 – 8: 35 Opening Remarks by Lan Ma
- 8: 35 – 8: 40 Introductory speech by Eng Lo
- 8: 45 - 8: 55 Photo Session

Scientific Session 1: PREVENTION

Chairs: Ping Zheng, Eng Lo

Time	Title	Speaker
9:00 – 9:25	Effects of age and comorbidities on the vasculome	Eng Lo (MGH, Boston, USA)
9:25 – 9:50	How to modify effects of comorbidities in stroke	Sunghee Cho (Cornell University, New York, USA)
9:50 – 10:15	Microbiome as a prevention target	Arthur Liesz (University of Munich, Germany)
10:15 – 10:30	Coffee break	
10:30 – 10:55	Pre-conditioning to prevent CNS injury	Miguel Perez-Pinzon (University of Miami, Miami, USA)
10:55-11:20	Cell-cycle length of MGE progenitors determines interneuron fate propensity	Yongchun Yu (Fudan, China)
11:20 – 11:45	REST and endogenous neuroprotection	Suzanne Zukin (Albert Einstein Medical College, New York, USA)

12:00 – 13:30 Lunch

Scientific Session 2: PROTECTION

Chairs: Jaroslaw Aronowski, Jun Chen

Time	Title	Speaker
14:00 – 14:25	Mechanisms and targets in traumatic CNS injury	John Povlishock (Medical College of Virginia, USA)
14:25 – 14:50	CNS cell death in young brain	Zena Vexler (UCSF, San Francisco, USA)

14:50 – 15:15	Pathophysiology of cerebral hemorrhage	Jaroslaw Aronowski (UT Houston, USA)
15:15 – 15:40	NRSF/REST in ageing and Alzheimer's disease	Fang Huang (Fudan, China)
15:40 – 15:55	Coffee break	
15:55 – 16:20	How do microglia affect stroke outcomes?	Jun Chen (University of Pittsburgh, Pittsburgh, USA)
16:20 – 16:45	White matter mechanisms	Selva Baltan (Cleveland Clinic)
16:45 – 17:05	Translational requirements of neuroprotection clinical trials	Patrick Lyden (Cedars Sinai Hospital, Los Angeles, USA)
17:10 – 17:50	Meeting with the editors of the journals (<i>Stroke</i>, <i>JCBFM</i>, <i>TSR</i>, <i>CNSNT</i>, <i>CNSDT</i>)	
18:00 – 20:30	Banquet	

November 10

Scientific Session 3: REPAIR

Chairs: Yongchun Yu, Sunghee Cho

Time	Title	Speaker
9:00 – 9:25	Regulatory T cells and stroke recovery	Xiaoming Hu (University of Pittsburgh, Pittsburgh, USA)
9:25 – 9:50	Principles and requirements for enhancing stroke recovery	Wolf Schabitz (University of Munster, Germany)
9:50 – 10:15	tPA and brain recovery	Michael Bennett (Albert Einstein Medical College)
10:15 – 10:30	Coffee break	
10:30 – 10:55	Stem cells for CNS regeneration	Cesar Borlongan (University of South Florida, USA)
10:55 – 11:20	Genetic dissection of neural circuit and gene function	Miao He (Fudan, China)
11:20 – 11:35	Closing remark	Patrick Lyden (Cedars Sinai Hospital, Los Angeles, USA)

12:00 – 13:00 **Lunch**