Program Overview

July 6 Friday	**14:00-22:00**	**Registration**	一楼大堂
	16:00-18:00	**Neuroscience Bulletin 优秀论文评审会暨 2018 年度编委会**	二楼会议室
	18:30-20:00	**Welcome Banquet**	会议中心
July 7 Saturday	**08:15-08:30**	**Opening Ceremony**	会议中心
	08:30-09:30	**Photo**	
	09:30-12:00	**Session 1: Brain Circuitry and Function** **Chairs: Xia Zhang (China), Li Zhang (USA)**	
	12:00-13:00	**Lunch**	明苑厅/中华厅
	13:00-15:30	**Session 2: Molecular Mechanism of Neural Development and Developmental Disorders** **Chairs: Zhiheng Xu (China), Guoli Ming (USA)**	会议中心
	15:30-15:40	**Break**	
	15:40-18:10	**Session 3: Molecular and Cellular Basis of Neurodegeneration** **Chairs: Jiawei Zhou (China), Huaibin Cai (USA)**	
	18:30-19:30	**Dinner**	明苑厅/中华厅
July 8 Sunday	**08:00-10:30**	**Session 4: Glial Cells in Health and Disease (including Brain Tumors)** **Chairs: Shiqing Cai (China), Wooping Ge (USA)**	会议中心
	10:30-10:40	**Break**	
	10:40-13:10	**Session 5: Genetic & Epigenetic Endeavors in Brain Disorders** **Chairs: Weidong Li (China), Zhaoqi Wang (Germany)**	
	13:10-14:30	**Lunch**	明苑厅/中华厅
	14:30-17:00	**Session 6: CNS Drug Target and Discovery** **Chairs: Kewei Wang (China) and Hanting Zhang (USA)**	会议中心
	17:00-18:30	**Poster Session**	第三会议室
	18:30-19:30	**Dinner**	明苑厅/中华厅
	20:00-21:00	**Business Meeting（欢迎所有 PI 参加讨论）**	二楼会议室
July 9 Monday	**08:00-10:30**	**Session 7: Mechanisms of Drug Addiction** **Chairs: Ping Zheng (China), Jie Wu (USA)**	会议中心
	10:30-10:40	**Break**	
	10:40-13:10	**Session 8: Proteinopathies in Neurodegenerative Diseases** **Chairs: Jiayi Li (China), Zhenyu Yue (USA)**	
	13:10-14:30	**Lunch**	明苑厅/中华厅
	14:30-17:00	**Session 9: Modeling Brain Development and Diseases in Induced Pluripotential Stem Cells (iPSC)** **Chairs: Guanghui Liu (China), Hongjun Song (USA)**	会议中心
	17:00-17:30	**Closing Remarks**	
	18:00-19:30	**Dinner**	明苑厅/中华厅

Scientific Program

July 7, Saturday	
08:15-08:30	**Opening Ceremony**
08:30-09:30	**Photo**
09:30-12:00	**Session 1: Brain Circuitry and Function** **Chairs: Xia Zhang (China), Li Zhang (USA)**
09:30-09:55	**Xia Zhang** (Xia.Zhang@qdu.edu.cn) Qingdao University, China **Title**: Arousal circuitry for anesthesia and sleep
09:55-09:20	**Hongwei Dong** (hongwei.dong@ini.usc.edu) Department of Neurology, University of Southern California, USA **Title**: Assembling global neural networks of the mouse brain
09:20-10:45	**Minmin Luo** (luominmin@nibs.ac.cn) School of Life Sciences, Tsinghua University, China National Institute of Biological Sciences, China **Title**: Neural circuit for reward processing
10:45-11:10	**Li Zhang** (liizhang@usc.edu) Zilkha Neurogenetic Institute, University of Southern California, USA **Title:** Neural circuits for auditory emotions
11:10-11:35	**Xiaoming Li** (lixm@zju.edu.cn) Center for Neuroscience, Zhejiang University School of Medicine, China **Title:** Cannabinoid, synapse and depression
11:35-12:00	**Liping Wang** (lp.wang@siat.ac.cn) Research Centre for Neural Engineering, Shenzhen Institutes of Advanced Technology, CAS, China **Title:** Optogenetics dissection of neural circuits underlying processing of innate fear
12:00-13:00	**Lunch**
13:00-15:30	**Session 2: Molecular Mechanism of Neural Development and Developmental Disorders** **Chairs: Zhiheng Xu (China), Guoli Ming (USA)**
13:00-13:25	**Guoli Ming** (gming@pennmedicine.upenn.edu) Department: Neuroscience, University of Pennsylvania, USA **Title**: Modeling 15q11.2 genetic risk for psychiatric diseases
13:25-13:50	**Guang Yang** (guang.yang@med.nyu.edu) Department of Anesthesiology, NYU, USA **Title:** Innate immune system functions in synapse development and plasticity
13:50-14:15	**Fang Liu** (fang.liu@camh.ca) Department of Psychiatry, University of Toronto, Canada **Title:** Development of novel therapeutics psychiatric diseases
14:15-14:40	**Zhiheng Xu** (zhxu@genetics.ac.cn)

	Institute of Genetics and developmental Biology, CAS, China **Title:** Zika virus infection incurred microcephaly, pathogenesis and treatment
14:40-15:05	**Xiang Yu** (yuxiang@ion.ac.cn) Institute of neuroscience, Shanghai Institute for biological Sciences, CAS, China **Title**: The role of cytokines in regulating neural circuit development and plasticity
15:05-15:30	**Ying Shen** (yshen@zju.edu.cn) Center for Neuroscience, Zhejiang University, China **Title:** The roles of Mea6 in the development of the cerebellum
15:30-15:40	**Break**
15:40-18:10	**Session 3: Molecular and Cellular Basis of Neurodegeneration** **Chairs: Jiawei Zhou (jwzhou@ion.ac.cn, China), Huaibin Cai (USA)**
15:40-16:05	**Huaibin Cai** (caih@mail.nih.gov) National Institute on Aging, NIH, USA **Title:** Heterogeneity of nigrostriatal dopaminergic neurons and implications for Parkinson's disease
16:05-16:30	**Yonggang Yao** (yaoyg@mail.kiz.ac.cn) Kunming Institute of Zoology, CAS, China **Title:** Complement component 7 is a novel risk gene for Alzheimer's disease in han chinese
16:30-16:55	**Junhua Xiao** (xiaoj@unimelb.edu.au) University of Melbourne, Australia **Title:** Selectively targeting brain-derived neurotrophic factor signaling promotes myelin regeneration
16:55-17:20	**Jun Xia** (jxia@ust.hk) Hong Kong University of Science and Technology, HK, China **Title:** Role of PICIK1 in APP trafficking and Alzheimer's disease
17:20-17:45	**Qian Cai** (cai@biology.rutgers.edu) Rutgers University, USA **Title:** Axon transport and Autophagy-Lysosomal regulation in Alzheimer's disease
17:45-18:10	**Hong Jiang** (jhkyk@163.com) Qingdao University, China **Title:** Ghrelin-GSH-R system: New insights on protecting nigral dopaminergic neurons in Parkinson's disease
18:30-19:30	**Dinner**
July 8, Sunday	
08:00-10:30	**Session 4: Glial Cells in Health and Disease (including Brain Tumors)** **Chairs: Shiqing Cai (China), Wooping Ge (USA)**
08:00-08:25	**Yue Feng** (yfeng@emory.edu) Emory University School of Medicine, Atlanta, USA **Title:** Coupling of transcriptional and posttranscriptional schizophrenia risk factor in oligodendroglia development
08:25-08:50	**Shiqing Cai** (sqcai@ion.ac.cn) Institute of Neuroscience, CAS, Chinaz

	Title: Genetic variation in glia-neuron signaling modulates ageing rate
08:50-09:15	**Longjun Wu** (Wu.LongJun@mayo.edu) Mayo College of Medicine, Rochester, Minnesota, USA **Title:** The differential function of microglia and monocytes in epilepsy.
09:15-09:40	**Yanmei Tao** (ytao@hznu.edu.cn) Institute of Life Sciences, College of Life and Environmental Sciences, Hangzhou Normal University, China **Title:** Molecular regulation of reactive astrogliosis
09:40-10:05	**Chong Liu** (0015027@zju.edu.cn) Zhejiang University School of Medicine, China **Title:** Glioma cell-of-origin and targeted therapy
10:05-10:30	**Wooping Ge** (Woo-ping.Ge@UTSouthwestern.edu) University of Texas, Southwestern Medical Center, USA **Title:** Gliomas of distinct origins interact with distinct brain cell types
10:30-10:40	**Break**
10:40-13:10	**Session 5: Genetic & Epigenetic Endeavors in Brain Disorders** **Chairs: Weidong Li (China), Zhaoqi Wang (Germany)**
10:40-11:05	**Zhaoqi Wang** (zhao-qi.wang@leibniz-fli.de) Leibniz Institute on Aging – Fritz Lipmann Institute (FLI), Jena, Germany **Title:** Histone acetylation in neurogenesis and neurodegeneration
11:05-11:30	**Weixiang Guo** (wxguo@genetics.ac.cn) Institute of Genetics and Developmental Biology, CAS, China **Title:** Deciphering the underlying mechanism of differential regulation of neurogenesis in the developing and adult brain
11:30-11:55	**Shinghua Ding** (dings@missouri.edu) University of Missouri-Columbia, USA **Title:** NAMPT is essential for neuronal protection, motor function and survival
11:55-12:20	**Zilong Qiu** (zqiu@ion.ac.cn) Institute of Neuroscience, CAS, China **Title:** Neural circuitry aspects for autism spectrum disorders
12:20-12:45	**Haikun Liu** (L.Haikun@Dkfz-Heidelberg.de) German Cancer Research Center (DKFZ), Heidelberg, Germany **Title:** CHD7 in charge of brain development
12:45-13:10	**Weidong Li** (liwdsjtu@126.com) Shanghai Jiao Tong University, China **Title:** Histone demethylation in mental retardation
13:10-14:30	**Lunch**
14:30-17:00	**Session 6: CNS Drug Target and Discovery** **Chairs: Kewei Wang (China), Hanting Zhang (USA)**
14:30-14:55	**Hanting Zhang** (hzhang@hsc.wvu.edu) West Virginia University, USA **Title:** Targeting phosphodiesterase (PDE) for treatment of alcoholism
14:55-15:20	**Tianming Gao** (tianminggao@126.com)

	Southern Medical University, China **Title:** Novel therapeutic targets for major depressive disorder
15:20-15:45	**Xiongwei Zhu** (xiongwei.zhu@case.edu) Case Western Reserve, USA **Title:** Inhibition of mitochondrial fragmentation protects against Alzheimer's disease in an animal model
15:45-16:10	**Hailin Zhang** (zhanghl@hebmu.edu.cn) Hebei Medical University, China **Title:** Potassium channels as anti-depression targets
16:10-16:35	**Yutian Wang** (ytwang@brain.ubc.ca) University of British Columbia, Canada **Title:** Developing novel NMDA receptor positive modulators as neuroprotectants
16:35-17:00	**Kewei Wang** (wangkw@qdu.edu.cn) Qingdao University, China **Title:** A novel SNRI with 5-HT2A antagonist activity for anti-depression
17:00-18:30	**Poster Session**
18:30-19:30	**Dinner**
20:00-21:00	**Business Meeting（欢迎所有 PI 参加讨论）**
July 9, Monday	
08:00-10:30	**Session 7: Mechanisms of Drug Addiction** **Chairs: Ping Zheng (China), Jie Wu (USA)**
08:00-08:25	**Jie Wu** (jiewubni@gmail.com) Barrow Neurological Institute, St. Joseph's Hospital and Medical Center, USA **Title:** Mechanisms of nicotine reward
08:25-08:50	**Zhengxiong Xi** (ZXi@intra.nida.nih.gov) National Institute of Drug Addiction (NIDA), Baltimore, USA **Title:** Neural circuits underlying cannabis reward versus aversion
08:50-09:15	**Qinghui Chen**(qinghuic@mtu.edu) Michigan Technological University **Title:**
09:15-09:40	**Ping Zheng** (pzheng@shmu.edu.cn) Fudan University, China **Title:** Memory retrieval in addiction: a role for miR-105-mediated regulation of D1 receptors in mPFC neurons projecting to the basolateral amygdala
09:40-10:05	**Jie Shi** (shijie@bjmu.edu.cn) Peking University, China **Title:** Progress and challenges of drug addiction research
10:05-10:30	**Cheng Xiao** (xchengxj@hotmail.com) Xuzhou Medical University, China **Title:** Distinct midbrain circuits mediating reward regulation by mesopontine cholinergic neurons
10:30-10:40	**Break**

10:40-13:10	**Session 8: Proteinopathies in Neurodegenerative Diseases** **Chairs: Jiayi Li (China), Zhenyu Yue (USA)**
10:40-11:05	**Weihong Song** (weihong@mail.ubc.ca) The University of British Columbia, Canada **Title:** A novel role of BACE2 in Alzheimer's disease
11:05-11:30	**Zhenyu Yue** (zhenyu.yue@mssm.edu) Icahn School of Medicine at Mount Sinai, USA **Title:** Deregulation of presynaptic vesicle trafficking and autophagic clearance of α-synuclein in Parkinson's disease
11:30-11:55	**Jianzhi Wang** (wangjz@mails.tjmu.edu.cn) Huazhong University of Science and Technology, China **Title:** Role and the mechanisms underlying tau-induced neurodegeneration
11:5-12:20	**Yanjiang Wang** (yanjiang_wang@tmmu.edu.cn) Army Medical University, China **Title:** Neurotrophin receptor p75 regulates amyloid-beta and tau metabolism in neurodegenerative diseases
12:20-12:45	**Junxia Xie** (jxiaxie@public.qd.sd.cn) Qingdao University, China **Title:** Iron, alpha-synuclein and glial contributions in Parkinson's disease
12:45-13:10	**Jiayi Li** (jiayili@mail.neu.edu.cn) Northeastern University, China **Title:** Synucleinopathies in Parkinson's disease and related disorders: from protein, through cell biology to therapeutic intervention
13:10-14:30	**Lunch**
14:30-17:00	**Session 9: Modeling Brain Development and Diseases in Induced Pluripotential Stem Cells (iPSC)** **Chairs: Guanghui Liu (China), Hongjun Song (USA)**
14:30-14:55	**Guanghui Liu** (ghliu@ibp.ac.cn) Institute of Biophysics, CAS, China **Title:** Using stem cell and gene editing techniques to study and treat aging-associated disorders
14:55-15:20	**Naihe Jing** (njing@sibcb.ac.cn) Institute of Biochemistry and Cell Biology, CAS, China **Title:** Induced human neural progenitor cells and cell therapy of Alzheimer's disease
15:20-15:45	**Duanqing Pei** (pei_duanqing@gibh.ac.cn) Guangzhou Institutes of Biomedicine and Health,CAS, Guangzhou, China **Title:** Cell fate decisions during iPSC reprogramming
15:45-16:10	**Hongjun Song** (shongjun@pennmedicine.upenn.edu) Perelman School of Medicine, the University of Pennsylvania, Philadelphia, US **Title:** Modeling human neural development and disorders using brain organoids
16:10-16:35	**Suchun Zhang** (su-chun.zhang@duke-nus.edu.sg) University of Wisconsin, Madison, US; Duke-NUS Medical School, Singapore **Title**: Stem cell approaches to neural degeneration

16:35-17:00	**Sanbing Shen** (sanbing.shen@nuigalway.ie) School of Medicine, National University of Ireland Galway, Galway, Ireland **Title:** An iPSC model of autistic spectrum disorder
17:00-17:30	**Closing Remarks**
18:00-19:30	**Dinner**