

CELLULAR AND CIRCUIT
MECHANISMS OF
MOTIVATED BEHAVIORS

动机性行为的
细胞与神经环路机制

MARCH 25, 8:45AM
2019年3月25日上午8:45

East #1 Building, Lecture Hall
131 Dongan Road
Shanghai Medical School, Fudan
University
Shanghai 200032, P.R. China

中国上海市东安路 131 号
复旦大学上海医学院枫林校区
东区 1 号楼 2 楼西侧报告厅

//ARRANGED BY//

Ping Zheng, Fudan University
Bo Li, Cold Spring Harbor Laboratory

//COORDINATED BY//

Miao He, Fudan University

//HOSTED BY//

Institutes of Brain Science
State Key Laboratory of Medical Neurobiology
MOE Frontiers Center for Brain Science, Fudan University

//主办方//

复旦大学脑科学研究院
医学神经生物学国家重点实验室
教育部“珠峰计划”脑科学前沿中心

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教育部创新引智基地
医学神经生物学国家重点实验室

Meeting Program

March 24, 2019 Registration

March 25, 2019

8:45am Opening remark Prof. Lan Ma (Dean of IOBS, Director of SKLM, Fudan University)

8:55am Group photo

Morning Session		Chairs: Ping Zheng, Bo Li	
Time	Title	Speaker	
9:00am	The amygdala circuits in motivated behaviors	Bo Li	5
9:25am	Genetic resolution of dopamine system complexity	Larry Zweifel	7
9:50am	Dopamine Circuits in Reward and Aversion	Stephan Lammel	9
10:15-10:25am Coffee break			
10:25am	Convergence of prediction, outcome, and prediction error signals in midbrain	Thomas Jhou	11
10:50am	Reward inhibits paraventricular CRH neurons to relieve stress	Ji Hu	13
11:15am	Zona Incerta is a new area to encode appetitive motivation	Wei L. Shen	15
11:40-12:40 Lunch break			

Afternoon Session		Chairs: Miao He/ Nashat Abumaria	
Time	Title	Speaker	
12:40pm	Dissecting Locus Coeruleus noradrenergic circuits in stress and anxiety	Michael R. Bruchas	17
1:05pm	Behavioral transition from action to no action in mice following prolonged uncontrollable experience: An animal model of give-up like behavior	Nashat Abumaria	19
1:30pm	Hypothalamic control of innate social behaviors	Xiaohong Xu	21
1:55pm	Imaging neuromodulatory signaling in behaving mice	Haining Zhong	23
2:20pm	Mesoscopic cortico-thalamo-striatal connectome and its modulation	Tianyi Mao	25
2:45pm	Temporal coding of fear in prefrontal cortex	Cyril Dejean	27
3:10-3:25pm Coffee break			
3:25pm	From the spinal cord to the amygdala: Dissecting affective pain pathways	Sung Han	29
3:50pm	Positive feedback mechanism in facilitating the itch-scratching cycle	Yan-Gang Sun	31
4:15pm	Cell-cycle length of medial ganglionic eminence progenitors determines interneuron fate	Yong-Chun Yu	33
4:35pm	Precise positioning of neural progenitors is essential for neocortical development	Yunli Xie	35
5:00pm	Combinatorial strategies for genetic dissection of cell type, gene function and neural circuit	Miao He	37
5:25pm	Closing remark	Bo Li	

March 26, 2019 IOBS tour and discussion on collaboration

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