

Expanding Frontiers of In Vitro Neuronal Network Electrophysiology | Program

Saturday, June 6

9:20 - 9:50	Registration	
9:50 - 10:00	Welcome	
10:00 - 10:40	Keynote Talk	Nanowire artificial retina to improve functional vision Prof. Dr. Jiayi Zhang Fudan University
10:40 - 11:05	Scientific Talk	When AI Meets Mini-Brains: Card-Playing Brain Organoid Agents Prof. Dr. Jianwei Shuai Wenzhou Institute, University of Chinese Academy of Sciences
11:05 - 11:35	Morning Break	
11:35 - 12:00	Scientific Talk	TBD Prof. Dr. Yi Sun Shenzhen University of Advanced Technology
12:00 - 13:00	Lunch Break	
13:00 - 13:15	MxW Talk	MaxWell News
13:15 - 13:40	Scientific Talk	免疫失衡与神经炎症在肌萎缩侧索硬化中的作用机制及靶向治疗策略 Prof. Dr. Fuchen Liu Qilu Hospital of Shandong University
13:40 - 14:05	Scientific Talk	基于 XFASTsort 的神经电生理解码：从高密度 MEA Spike Sorting 到网络状态动力学分析 Prof. Dr. Shumao Xu Fudan University
14:05 - 14:20	Scientific Talk	Decoding In Vitro Functional Neural Networks: From Pathophysiological Phenotyping of Brain Organoids to Establishing Novel Models Xinyu Chen Fudan University
14:20 - 14:35	Closing Remarks & Picture Taking	
14:35 - 16:00	Networking	