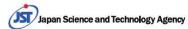


MPFI·JST(PRESTO) Joint Workshop on Neuroscience and Single Cell Analysis

> Oct. 29(Mon)-Oct.30(Tue), 2018 @ Auditorium, MPFI







Program

29 October, 2018

13:00~	Welcome Remarks	
		Ryohei Yasuda (Scientific Director/Research Group Leader, MPFI)

Session1	chair Sayaka Takemoto
13:10~	Inhibitory Regulation of Plasticity and Learning in the Cerebellum Jason Christie (Research Group Leader, MPFI)
13:35~	Exploring the Regulation of ER-Mitochondria Contact and its Physiological Roles in Mammals
	Yusuke Hirabayashi (Associate Professor, University of Tokyo) 🕡
14:00~	Mapping the Functional and Structural Synaptic Architecture of Neurons in Visual Cortex
	Ben Scholl (Research Fellow, MPFI)
14:25~	Viral and Imaging Approaches Toward Understanding Neural Circuits in the Mouse Visual System
	Fumitaka Osakada (Associate Professor, Nagoya University) 6
14:50~	Cellular Resolution Circuit Mapping in Mouse Models of Autism with Soma-Targeted Opsins
	McLean Bolton (Research Grount eader MPE)

	Break	
Session2	chair Jason Christie	
15:30~	Nanoscale Live Cell Chemical and Topogaraphical Imaging using Scanning Probe microscopy Yasufumi Takahashi (Assodate Professor, Kanazawa University)	0
15:55~	Internally Generated Sequences as Substrates of Episodic Memory Yingxue Wang (Research Group Leader, MPFI)	0
16:20~	Cellomics Approach for High-Throughput Functional Annotation of Caenorhabditis Elegans Neural Network Wataru Aoki (Assistant Professor, Kyoto University)	0
16:45~	Regulation of Neuronal Autophagy during Axon Development Brock Grill (Associate Professor, Scripps Research Institute)	0
17:10~	Regulation of Neural Stem/Progenitor Cell Fate During Brain Development Yukiko Gotoh (Professor, University of Tokyo)	0
17:50~	Social Hour with Lite Bites	

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19:20~	JST-RESTO and Single Cell Research Program
	Itaru Hamachi (Professor, Kyoto University, Supervisor of Single Cell PRESTO)

30 October, 2018

Session3	chair Wataru Aoki
9:00~	Deciphering the Cell Individuality of a Cell by Single Molecule Analysis of Membrane Molecule Dynamics
	Hiroko Bannnai (Research Scientist, RIKEN/JST)
9:25~	Intersectional Monosynaptic Tracing for Dissecting Subtype-Specific Organization of GABAergic Interneuron Inputs
	Hiroki Taniguchi (Research Group Leader, MPFI)
9:50~	Exploring Molecular Pathways Involved in Central Amygdala-Dependent Contro of Emotional Behaviors
	Sayaka Takemoto-Kimura (Professor, Nagoya Universigy)
10:15~	Spatiotemporal Activity of PKC Isozymes During Spine Plasticity
	Lesley Colgan (Research Fellow, MPFI)
	Break
Session4	Chair Hiroki Taniguchi
	chair Hiroki Taniguchi Comprehensive, Single-Cell Analysis of the Localization and Dynamics of Endogenous Proteins in Brain Tissue
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