

VT School of Neuroscience: Summer Research Retreat 2020

SCHEDULE

9:00-9:05	Michael Fox	<i>Opening Remarks</i>	
9:05-10:05	Harald Sontheimer	<i>Keynote Speaker</i>	<i>Glial Neuronal Vascular Interactions in Neurological Disease</i>
Morning session I (10:20-11:50)			
10:20-10:35	Ubadah Sabbagh	Fox Lab	Subtype-Specific Layers of GABAergic Neurons in Visual Thalamus
10:35-10:50	Keaton Unroe	Clinton Lab	Perinatal Serotonin Disruption Impacts Maternal Care
10:50-11:05	Allison Castaneda	Ni Lab	Developing Functional trans-Tango to Identify Thermosensory Circuits in Flies
11:05-11:20	Raymundo Hernandez	Olsen Lab	BDNF: Developmental Driver of Astrocyte Morphology and Maturation
11:20-11:35	Joelle Martin	Sontheimer Lab	Identifying Dynamic Regulators of System xc ⁻ - Mediated Glutamate Release in Glioblastoma Multiforme
11:35-11:50	Allison Bouslog	Campbell Lab	Effect of Microbial-Derived S-Equol on Neuronal Physiology
Afternoon session II (1:00-2:15)			
1:00-1:15	Ben Heithoff	Robel Lab	Astrocytes Are Essential for Blood-Brain Barrier Maintenance in the Adult Mouse Brain
1:15-1:30	Lianne Klaver	English Lab	Circuit Function of Axo-Axonic Interneurons in Hippocampus Area CA1
1:30-1:45	Ian Levine	Gregus Lab	Deorphanization of Mrgprd, a High-Value Peripheral Target for Pain
1:45-2:00	Taylor McFadden	Jarome Lab	The Role of Hypothalamic DNA 5-Hydroxymethylation in the Development of Obesity
2:00-2:15	Cristina Miliano	Buczynski Lab	Identification of CART Neuropeptide Receptors in the CNS
Afternoon session III (2:30-3:45)			
2:30-2:45	Alisa Omelchenko	Ni Lab	Ionotropic Receptor-Dependent Warm Cells in Drosophila Larvae
2:45-3:00	Swagatika Paul	Pickrell Lab	In the Quest for Discovering the Tank Binding Kinase 1 (TBK1) Adaptor Protein during Mitosis
3:00-3:15	Elizabeth Shupe	Clinton Lab	Impacts of Early-Life Adversity on Rodent Emotional Behavior
3:15-3:30	Bhanu Tewari	Sontheimer Lab	Glia-Perineuronal Net interaction in the Central Nervous System
3:30-3:45	Beatriz Torres	Olsen Lab	Elucidating the Role of BDNF/Astrocytic TrkB.T1 Signaling on Neuronal Synaptogenesis