Thursday, JULY 19, 2018 and Friday, JULY 20, 2018
Vollum Institute, Room M1441

DAY 1 | Thursday, JULY 19

**AM**

9:00  *INTRODUCTION and WELCOME*

9:30  Veronica Alvarez, Ph.D., Senior Investigator, Intramural Research Program, Laboratory on Neurobiology of Compulsive Behaviors, NIAAA

“How the brain looks years 20 years later”

9:50  Seksiri Arttamangkul, Ph.D., Research Assistant Professor, Vollum Institute, OHSU

“Labeling endogenous opioid receptors in living neurons via ligand-directed chemistry”

10:10  Mike Beckstead, Ph.D., Associate Member, Aging and Metabolism Research Program, Oklahoma Medical Research Foundation

“Is neurotensin a retrograde transmitter at dendritic dopamine synapses?”

10:30  BREAK

10:50  Will Birdsong, Ph.D., Research Assistant Professor, Vollum Institute, OHSU

“Opioid modulation of affective pain circuits”

11:10  Vu Dang, Ph.D., Principal Scientist, NeuCyte, Inc.

“iPSCs: Patient derived neurons for drug discovery”

11:30  Christopher Fiorillo, Ph.D., Associate Professor, Department of Bio and Brain Engineering, Korea Advanced Institute of Science and Technology

“Prediction and the meaning of spikes”

11:50  LUNCH BREAK

**PM**

1:10  Chris Ford, Ph.D., Associate Professor, Department of Pharmacology, University of Colorado Denver

“Dopamine synaptic transmission in the striatum”

1:30  Stephanie Gantz, Ph.D., IRTA Postdoctoral Fellow, Synaptic Plasticity Section, NIDA

“Throwback to 1994”

1:50  Shane Hentges, Ph.D., Professor, Department of Biomedical Sciences, Colorado State University

“How a humble peptide system became the basis for the opioid epidemic”

2:10  BREAK

2:30  Susie Ingram, Ph.D., Associate Professor, Department of Neurological Surgery, OHSU

“Endocannabinoid plasticity in chronic pain”

2:50  Paul Kramer, Ph.D., Postdoctoral Fellow, Center on Compulsive Behaviors, NINDS

“GABA<sub>A</sub> receptor mediated currents in dopamine neuron axons”

3:10  END of PRESENTATIONS
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DAY 2 | Friday, JULY 20

AM

9:00  Erica Levitt, Ph.D., Assistant Professor, Department of Pharmacology and Therapeutics, Center for Addiction Research & Education, University of Florida
“Pontine mechanisms of opioid-induced respiratory depression”

9:20  Olivier Manzoni, Ph.D., Professor, Institut de Neurobiologie de la Méditerranée, INSERM, Aix-Marseille Université, France
“Mood, food and herb”

9:40  Aya Matsui, Ph.D., Postdoctoral Fellow, Laboratory on Neurobiology of Compulsive Behaviors, NIAAA
“Cocaine inhibition of synaptic transmission in the ventral pallidum is pathway-specific and mediated by serotonin”

10:00 BREAK

10:20  Hitoshi Morikawa, M.D., Ph.D., Associate Professor of Neuroscience, Waggoner Center for Alcohol & Addiction Research, The University of Texas at Austin
“Ca ↔ DA”

10:40  Carlos Paladini, Ph.D., Professor, Department of Biology, University of Texas at San Antonio Neurosciences Institute
“Glutamate transport on ventral tegmental area astrocytes orchestrates avoidance and approach behavior”

11:00  Zhizhong Z. Pan, Ph.D., Professor, Department of Pain Medicine, Division of Anesthesiology and Critical Care, The University of Texas MD Anderson Cancer Center
“Brain circuits for emotion and pain”

11:20 BREAK

11:40  Nidia Quillinan, Ph.D., Assistant Professor, Neuronal Injury Program, Department of Anesthesiology, University of Colorado Denver-Anschutz Medical Campus
“Plasticity and excitability changes after cerebellar ischemia”

PM

12:00  Brooks Robinson, Ph.D., Postdoctoral Fellow, Vollum Institute, OHSU
“Finding D2 receptors and dopamine release in the SNc”

12:20  Aaron Roseberry, Ph.D., Assistant Professor, Department of Biology; Researcher, Center for Obesity Reversal, Georgia State University
“VTA dopamine neurons in the control of feeding and body weight”

12:40  Mike Virk, M.D., Ph.D., Department of Neurological Surgery, New York-Presbyterian Hospital/Weill Cornell Medical Center
“Advances in the use of buprenorphine”

1:00  END of PRESENTATIONS