

# AGENDA

8:30 – 9:00 am

(South Hall Lobby)

Registration

9:00 – 9:05 am

(Assembly Hall)

Coffee, tea, and water

Introduction

Fanny Elahi, MD, PhD and Herbert Wu, PhD

9:05 – 9:20 am

Welcome Remarks

Eric J. Nestler, MD, PhD on Friedman Brain Institute

9:20 – 9:35 am

Paul J. Kenny, PhD on Nash Family Department of Neuroscience

9:35 – 9:45 am

George Huntley, PhD on Graduate Student Program – “State of the Neuroscience Graduate Program”

9:45 – 10:15 am

Keynote: Dayu Lin, PhD – “The Rise and Fall of Maternal Aggression”

10:15 – 10:35 am

Coffee break

10:35 – 11:30 am

Behavioral Neuroscience

Moderators: John F. Crary, MD, PhD and Jack Humphrey, PhD

10:35 – 10:45 am | Scott Russo, PhD – “Neural circuit mechanisms shaping social encounters”

10:45 – 10:50 am | Veronika Kondev, PhD (Nestler lab) – “Dopamine receptor 1-expressing cells in ventral hippocampus control drug-context memory”

10:50 – 11:00 am | Cameron S McAlpine, PhD – “Immunogenic control of sleep after myocardial infarction”

11:00 – 11:05 am | Jamie Carty (Stanley Lab) – “Bi-modal control of the stress response by the medial amygdala”

11:05 – 11:10 am | Zach Pennington, PhD (Cai Lab) – “A Hypothalamic Network Drives Stress Vulnerability”

11:10 – 11:30 am | Q&A and Panel Discussion

11:30 am – 12:20 pm

(South Hall)

Poster Session I

12:20 – 1:20 pm

Lunch & Networking

\*All attendees must register prior to the retreat in order to receive a lunch ticket. Unfortunately, to maintain an accurate catering count, walk-ins will not be supplied a lunch ticket.

1:20 – 1:50 pm

Keynote: Paul J. Kenny, PhD – “Cells and circuits in opioid addiction”

1:50 – 3:00 pm

Tools in Neuroscience

Moderators: Priti Balchandani, PhD and Sarah Stanley, PhD

1:50 – 2:00 pm | Cheen Euong Ang, PhD – “Cellular reprogramming and spatial omic toolboxes to understand gene regulation in health and disease”

2:00 – 2:05 pm | Sarah Williams (Nan Yang Lab) – “Investigating non-coding autism de novo variants in human stem cell-derived neurons”

2:05 – 2:15 pm | Joel Blanchard, PhD – “Advancing Alzheimer’s Disease Drug Discovery Using Bio-engineered Mini Human Brains”

2:15 – 2:20 pm | Christina Maher (Radulescu & Saez Labs) – “Intracranial recordings uncover neuronal dynamics of multidimensional reinforcement learning”

2:20 – 2:30 pm | Yun Soung Kim, PhD – “A Forehead-Wearable EEG Patch for At-Home Brain Activity Monitoring”

2:30 – 2:40 pm | Erin Beck, MD, PhD – “Advanced MRI techniques for imaging brain structural changes in health and disease”

2:40 – 3:00 pm | Q&A and Panel Discussion

3:00 – 3:20 pm

Coffee break

3:20 – 4:00 pm

Paths in Science

Eric J. Nestler, MD, PhD, Alison M Goate, DPhil, Yasmin Hurd, PhD  
Moderator: Fanny Elahi, MD, PhD

4:00 – 4:50 pm

(South Hall)

Poster Session II

4:50 – 5:10 pm

Awards

5:10 – 6:00 pm

Social Hour