

The Friedman Brain Institute and the
Neuroscience Graduate Program presents

The **14th Annual**

Neuroscience Retreat

MAY 13th, 2022

Agenda



Icahn
School of
Medicine at
Mount
Sinai

*The Friedman
Brain Institute*

Neuroscience Retreat

AGENDA

8:30am

Check-in at South Hall Lobby, Coffee in Assembly Hall

8:55 am

Brief intro: **Xiaosi Gu & Roland Friedel**

9:00 am

Eric Nestler on Friedman Brain Institute

9:15 am

Paul Kenny on Nash Family Department of Neuroscience

9:30 am

George Huntley on Graduate Student Program

9:40 am

Vanna Zachariou on new T32 Addiction Program

9:50 am

Keynote Speaker 1: Hirofumi (Hiro) Morishita “Maturation of Frontal Circuits for Cognitive and Social Behavior”

10:20 am

Coffee Break in Assembly Hall

10:40 am

Duo 1: Silvia Rubeis & Zhuhao Wu: “Global mapping of altered neural circuits in a mouse model of DDX3X mutations”

11:00 am

Duo 2: Hongyan (Jenny) Zou & Dolores Hambardzumyan: “Mapping niche-specific immune contexture in GBM”

11:20 am

Kevin Braunscheidel: “Nicotine CCK-ing: evidence for brain-body interactions underlying drug addiction”

11:30 am

Insup Choi: “Roles of Microglial Autophagy in Alzheimer’s Disease”

11:40 am

Data Blitz 1

Audrey Warren: “Structural studies of psychedelic activity at the serotonin receptors 5-HT1A”

Sarah Montgomery: “Dopamine and naturalist behavior”

Leanne Holt: “Elucidation of the Astrocyte-Specific Transcriptome Following Exposure to Cocaine”

Saraswathi Subramaniyan: “Selective vulnerability of excitatory molecular signaling networks in Alzheimer’s disease”

Susana Isabel Ramos: “Mapping pre- and postnatal gliogenesis in the human neocortex using snATAC-seq”

Sango Kang: “A two-phase response of microglia to glioblastoma invasion governed by host age, immune status and Plexin-B2”

12:10 pm

Boxed Lunch Start (in South Hall + Lobby)

12:30 pm

Poster Session 1 (in South Hall + Lobby)

1:30 pm

(Assembly Hall)

Zachary Pennington – Postdoc Association

Kelsey Lucerne – MINDS

1:40 pm

Keynote Speaker 2: Erin Rich: “Neurons, populations, and tuning curves: Neural coding for flexible cognition in prefrontal cortex”

2:10 pm

Duo 3: Laura Berner & Vincenzo Fiore: “Too sticky to stop: Impaired belief updating and devaluation in bulimia nervosa”

2:30 pm

Duo 4: Ignacio Saez & Fedor (Ted) Panov: “Human intracranial research in epilepsy patients”

2:50 pm

Coffee Break

3:10 pm

Megan Fredericks: “Neural circuit in learning”

3:20 pm

JoColl Burgess: “Longitudinal calcium imaging in fear conditioning”

3:30 pm

Data Blitz 2

Sanan Venkatesh: “Transcriptome Wide Association Study of Individually Imputed Genetically Regulated Gene Expression in the Million Veteran Program”

Kaustubh Kulkarni: “Computational mechanisms of craving and addictive decision-making”

Azzurra Invernizzi: “Shifts in local neuroplasticity in World Trade Center responders with post-traumatic stress disorder”

Yosif Zaki: “How does a fearful experience alter past memories?”

Zoé Christenson Wick: “Closed-loop control /seizure and cognition”

Ana Catarina Ferreira: “TIMP2 remodeling of the extracellular matrix regulates hippocampus-dependent cognitive function and plasticity”

4:00 pm

Poster Session 2 / Reception (in South Hall + Lobby)

5:20 pm

Award Ceremony

5:40 pm

End



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