

AUTISM AND NEURODEVELOPMENTAL DISORDERS: Past, Present and Future

Organized by the Simons Center for the Social Brain

Date: Friday, November 15, 2024

Time: 2:00PM – 5:00PM, followed by reception and "UnrulyArt" gallery

Location: 43 Vassar Street, Singleton Auditorium, Building 46, Room 3002 (3rd floor)

2:00PM	Welcome & Overview – Mriganka Sur <i>Director, Simons Center for the Social Brain, MIT</i>
2:10PM – 2:20PM	Remarks from Dean Nergis Mavalvala Lightning Talks (10 min each + Q/A):
2:20PM – 2:35PM	Lace Riggs , Guoping Feng Laboratory Talk Title: "The thalamus that drives anxiety in autism"
2:35PM – 2:50PM	Chhavi Sood , Troy Littleton Laboratory Talk Title: 'Role of FMRP interactions with presynaptic ion channels in Fragile X Syndrome'
2:50PM – 3:00PM	Lukas Vogelsang , Pawan Sinha Laboratory Talk Title: "Temporal processing and prediction in autism"
3:05PM – 3:25PM	Discussion panel with Postdoctoral Fellows Moderated by Michael Segel <i>Former SCSB Fellow, Assistant Professor, Department of Stem Cell and Regenerative Biology, Harvard University</i> Faculty Talks (15 min each + Q/A)
3:25PM – 3:45PM	Evelina Fedorenko , Middleton CD Associate Professor of Neuroscience <i>Department of Brain and Cognitive Sciences, McGovern Institute</i> Talk Title: "Communication beyond language: Understanding the cognitive and neural infrastructure of conversation"
3:45PM – 4:05PM	Gloria Choi , Mark Hyman Jr CD Associate Professor, Department of Brain and Cognitive Sciences, Picower Institute Talk Title: "Immunotherapy for neurodevelopmental disorders"
4:05PM – 4:25PM	Earl Miller , Picower Professor of Neuroscience, Department of Brain and Cognitive Sciences, Picower Institute Talk Title: "Using Brain Rhythms to Understand and Mitigate Sensory Overload"

4:25PM – 4:45PM

Discussion Panel with Faculty
Moderated by **Mriganka Sur**

4:45PM – 4:55PM

Closing remarks from **Kelsey Martin**
Executive Vice President, SFARI, Simons Foundation

5:00PM – 6:00PM

Reception and “UnrulyArt” Gallery