



The Friedman Brain Institute Itinerary

SATURDAY, NOV. 15, 2025

☆  **LEC01. Dialogues Between Neuroscience and Society: The Mindful Taster: Transforming Wine Appreciation From Sensory Experience to Mastery — Nicolas Quillé** 10:00 AM - 12:00 PM

SDCC Ballroom 20

 Add Note

☆ **Presentation LEC01.07 Moderator** 10:00 AM - 12:00 PM

*D. SCHILLER;
Icahn School of Medicine at Mount Sinai, New York, NY

 Add Note

☆ **PSTR012. Alzheimer's Disease: Omics Approaches I** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR012.06 Cortical layer-specific density changes of interneuron subtypes in Alzheimer's disease progression** 1:00 PM - 5:00 PM

*I. PAINE¹, L. LOWERY², E. MCDONOUGH², D. MEYER², J. I. LUEBKE³, P. R. HOF¹, M. VARGHESE⁴;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²GE HealthCare Technol. & Innovation Ctr., Niskayuna, NY; ³Anat. & Neurobio., Boston Univ., Boston, MA; ⁴George & Anne Ryan Inst. for Neurosci., Univ. of Rhode Island, Kingston, RI

 Add Note

☆ **PSTR031. Stress-Modulated Pathways** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR031.02 Gene regulation by ovarian hormone receptors contributes to sex differences in stress-induced transcriptional profiles** 1:00 PM - 5:00 PM

*C. A. MCLAIN¹, A. CUNNINGHAM³, M. ESTILL¹, T. M. GYLES⁶, L. HOLT⁴, O. ISSLER⁵, V. KONDEV¹, G. ROJAS², E. J. NESTLER⁷;
²Nash Family Dept. of Neurosci. and Friedman Brain Inst., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurosci. Dept., ⁵Neurosci., ³Mount Sinai Sch. of Med., New York, NY; ⁶Friedman Brain Inst., ⁷Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR032. Autonomic Regulation: Gastrointestinal, Renal, Urinary, and Reproductive**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR032.05 Amygdala-liver signaling orchestrates rapid glycemic responses to stress and drives stress-induced metabolic dysfunction**

1:00 PM - 5:00 PM

*J. R. E. CARTY¹, K. DEVARAKONDA², R. M. O'CONNOR³, P. J. KENNY⁴, S. STANLEY⁵;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Sci. writer/editor, New York, NY; ³Neurosci., Mount Sinai Sch. of Med., New York, NY; ⁴Neurosci., Icahn Sch. of Med. At Mount Sinai, Tarrytown, NY; ⁵Diabetes, Obesity and Metabolism Inst., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR035. Brain Dynamics of Learning and Memory**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR035.03 Psychedelic Rescue of Sex-Specific Serotonin Circuits in Approach-Avoidance Conflict**

1:00 PM - 5:00 PM

*G. ROJAS¹, G. DI SALVO⁴, T. MARKOVIC⁵, A. M. MINIER-TORIBIO², V. KONDEV¹, L. HOLT⁶, C. BLASCHKE³, A. GODINO³, F. J. MARTINEZ-RIVERA⁷, E. J. NESTLER⁸;

²Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurosci., Icahn Sch. of Med. At MSSM Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁵Neurosci., Icahn Sch. of Med., New York, NY; ⁶Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ⁷Neurosci., Univ. of Florida, Gainesville, FL; ⁸Icahn Sch. of Med. At Mount Sinai, New York, NY.

 Add Note

☆ **PSTR036. Human and Nonhuman Primate Studies of Emotion and Motivation**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR036.24 Identification of a deep brain stimulation target in macaques to model obsessive-compulsive disorder circuitry**

1:00 PM - 5:00 PM

*K. HERBERT¹, S. H. FUJIMOTO², S. KARMACHARYA², A. FUJIMOTO³, C. ELORETTE², M. FIGEE², B. E. RUSS⁴, P. H. RUDEBECK²;

¹Mount Sinai Sch. of Med., New York, NY; ³Dept. of Neurosci., ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Ctr. for Biomed. Imaging and Neuromodulation, Nathan Kline Inst., Orangeburg, NY

 Add Note

☆ **PSTR040. Neural Mechanisms: Valuation and Decision**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR040.03 The ventral tegmental area and dorsal raphe nucleus control neuroeconomically dissociable decision-making algorithms**

1:00 PM - 5:00 PM

B. M. SWEIS^{1,2}, N. JAHAN¹, A. RAMIREZ^{2,1}, E. ANDRAKA^{1,2}, H. L. ROSENBLUM^{2,1}, S. PEDERSEN¹, *R. DURAND-DE CUTTOLI²;

¹Psychiatry, ²Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR040.04 A novel approach to characterize neuroeconomic foraging decisions underlying social interactions in mice**

1:00 PM - 5:00 PM

*E. ANDRAKA^{1,2}, R. DURAND-DE CUTTOLI¹, D. SCHILLER^{2,1}, B. M. SWEIS^{2,1};
¹Neurosci., ²Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR040.05 Validating an abridged training protocol to capture the emergence of neuroeconomic decision-making strategies in mice**

1:00 PM - 5:00 PM

*H. L. ROSENBLUM¹, N. JAHAN², S. PEDERSEN², H. ASHER¹, D. MEDEIROS¹, M. BACON¹, A. BAGGETTA¹, D. J. CAI¹, B. M. SWEIS^{2,1};
¹Neurosci., ²Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR040.08 Developing a neuroeconomic approach to study altruistic decision-making in mice**

1:00 PM - 5:00 PM

*A. N. RAMIREZ^{1,2}, B. M. SWEIS^{1,2};
¹Neurosci., ²Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR040.09 Brain-wide reorganization of activity due to cognitive demand during neuroeconomic task engagement**

1:00 PM - 5:00 PM

*B. M. SWEIS^{1,2}, A. V. AUBRY², L. LI^{2,3}, R. DURAND-DE CUTTOLI²;
¹Psychiatry, ²Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Inst. of Biophysics, State Key Lab. of Cognitive Sci. and Mental Hlth., Univ. of the Chinese Acad. of Sci., Beijing, China

 Add Note

☆ **Presentation PSTR040.10 Neuroeconomically dissociable decision-making computations are altered by Shank3 haploinsufficiency**

1:00 PM - 5:00 PM

*N. JAHAN¹, S. PEDERSEN², B. R. SHEVLIN², A. RAMIREZ^{2,3}, E. ANDRAKA^{2,3}, R. DURAND-DE CUTTOLI³, J. D. BUXBAUM², B. M. SWEIS^{2,3};
²Psychiatry, ³Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **LEC03. SfNova Lecture: Brandon J. Henderson; Jordan Squair**

3:00 PM - 4:00 PM

SDCC Ballroom 20

 Add Note

☆ **Presentation LEC03.03 Introduction**

3:00 PM - 4:00 PM

*D. SCHILLER;
Icahn School of Medicine at Mount Sinai, New York, NY

 Add Note

SUNDAY, NOV. 16, 2025

☆ **PSTR060. Network Interactions**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR060.05 Medial entorhinal layer 2 stellate cell activity is sufficient to drive type 2 dentate spikes and pathological hypersynchronous events in healthy and epileptic mice**

8:00 AM - 12:00 PM

*P. A. PHILIPSBERG¹, E. COLEMAN¹, Z. CHRISTENSON WICK¹, Y. FENG¹, K. PIMSHAN^{1,2}, C. KOHLER¹, C. G. KENTROS³, T. SHUMAN¹;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²New York Univ., New York, NY; ³Kavli Inst. for Systems Neurosci., Kavli Institute/(NTNU), Trondheim, Norway

 Add Note

☆ **PSTR071. Peripheral Mechanisms: Vagal Afferents and Chemosensation**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR071.03 Vagal Sensory Neurons Promote Anaphylactic Hypothermia**

8:00 AM - 12:00 PM

*K. SONG¹, H. IRIKI², R. SHIBUYA¹, B. S. KIM¹;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²RIKEN Ctr. for Integrative Med. Sci. Lab. for Skin Homeostasis, Yokohama, Japan

 Add Note

☆ **Presentation PSTR071.16 Function of CGRP β -expressing cholinergic IPANs in gut motility and inflammation**

8:00 AM - 12:00 PM

*Z. XIE, H. HU;

Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **PSTR095. Connectomics I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR095.10 Surveying the connections of individual basolateral amygdala neurons to temporal cortex, frontal cortex, striatum and hypothalamus in macaques**

8:00 AM - 12:00 PM

*K. CRAWFORD¹, Z. R. ZEISLER², M. A. ELDRIDGE³, E. A. MURRAY⁴, P. H. RUDEBECK²;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Icahn Sch. of Med. At Mount Sinai, New York, NY; ³Newcastle Univ., Newcastle, United Kingdom; ⁴Lab. of Neuropsychology, NIMH, NIH, Bethesda, MD

 Add Note

☆ **PSTR103. Early Life Stress and Development**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR103.03 Aberrant social experience after juvenile social isolation drives sociability deficits**

1:00 PM - 5:00 PM

M. B. LEVENTHAL¹, K. OKAMURA², A. LIDOSKI³, A. KUNO³, V. FEDERICO³, N. KAWAMURA³, J. S. RICEBERG³, L. WALTRIP³, L. BICKS³, M. JANIS³, S. AKBARIAN⁴, *H. MORISHITA³;

¹Mount Sinai, New York, NY; ²Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Dept. of Psychiatry, ³Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **PSTR116. Spinal Cord Injury: Molecular and Cellular Mechanisms**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR116.21 Plexin-b1 safeguards agility of astrocyte processes and glial alignment to facilitate wound corralling and axon pathfinding after spinal cord injury**

1:00 PM - 5:00 PM

*H. NI¹, M. ESTILL², D. HALAWANI³, R. H. FRIEDEL⁴, H. ZOU²;

¹SCHOOL OF MEDICINE AT MOUNT SINAI, New York, NY; ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Mount Sinai, New

York, NY; ⁴Neurosci., Mount Sinai Sch. of Med., New York, NY

 Add Note

☆ **PSTR135. Cocaine: Reinforcement, Seeking, Reinstatement, and Other Behavioral Effects**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR135.02 Chronic cocaine exposure alters the balance of sex-specific approach/avoidance decision-making.**

1:00 PM - 5:00 PM

*C. BLASCHKE¹, A. M. MINIER-TORIBIO², T. LIN⁴, T. MARKOVIC⁵, F. J. MARTINEZ-RIVERA⁷, G. ROJAS³, A. V. AUBRY⁶, E. J. NESTLER⁸;
²Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Hunter Col., Brooklyn, NY; ⁵Neurosci., ⁶Icahn Sch. of Med., New York, NY; ⁷Neurosci., Univ. of Florida, Gainesville, FL; ⁸Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR136. Orbitofrontal Cortex**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR136.16 Neural dynamics of updating taste reward expectations**

1:00 PM - 5:00 PM

*S. MCCONNELL¹, E. L. RICH²;
¹Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., New York Univ., New York, NY

 Add Note

☆ **NANO018. Adaptive Choice**

1:00 PM - 4:30 PM

SDCC Rm 30

 Add Note

☆ **Presentation NANO018.05 Neural circuit mechanisms of bottom-up reward learning**

2:00 PM - 2:15 PM

*Z. R. ZEISLER¹, F. M. STOLL¹, L. LONDON³, D. FOLLONI³, M. G. PERICH⁴, P. H. RUDEBECK²;
¹Neurosci., ²Icahn Sch. of Med. At Mount Sinai, New York, NY; ³Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Dept. of Neurosci., Univ. of Montreal, Montreal, QC, Canada

 Add Note

☆ **MIN15. Circuit-Based Approaches to Understanding the Anterior Cingulate Cortex (ACC) — Julie Fudge**

2:00 PM - 4:30 PM

SDCC Rm 6CF

 Add Note

☆ **Presentation MIN15.06 Assessing the brain wide effects of chemogenetic and electrical neuromodulation of subcallosal anterior cingulate cortex.**

2:00 PM - 4:30 PM

S. H. Fujimoto;
Icahn School of Medicine At Mount Sinai, New York, NY

 Add Note

MONDAY, NOV. 17, 2025

☆ **NNE03. Monday Neuroscience Networking Events**

12:00 AM - 11:59 PM

Check Individual Event Locations

 Add Note

☆ **NNE03. Monday Neuroscience Networking Events**

12:00 AM - 11:59 PM

Check Individual Event Locations

 Add Note

☆ **Presentation NNE03 Organizer/Moderator**

7:00 PM - 9:00 PM

*N. AHMED;
Icahn Sch. of Med. at Mount Sinai, Brooklyn, NY

 Add Note

☆ **PSTR149. Genetic Models of Autism Spectrum Disorders**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR149.12 Exploring Kizuna overexpression as a potential ASD risk factor**

8:00 AM - 12:00 PM

*N. AHMED¹, J. SEO², V. PATEL³, S. VENKATESH⁴, G. VOLOUDAKIS⁵;
¹Psychiatry, Ichan Sch. of Med. at Mount Sinai, Brooklyn, NY; ²Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ³Mount Sinai Sch. of Med., FORT LEE, NJ; ⁴Icahn Sch. of Med. at Mount Sinai, Armonk, NY; ⁵Psychiatry, Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR149.16 Development of a machine-learning model to differentiate phelan-mcdermid syndrome from autism spectrum disorder using electroencephalogram data**

8:00 AM - 12:00 PM

*S. KOHLI¹, E. S. SCHAFER³, A. KOLEVZON², S. BEKER⁴;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Icahn Sch. of Med. at Mount Sinai, NY, NY; ³Mount Sinai Sch. of Med., New York, NY; ⁴Icahn Sch. of Med. at Mount Sinai Dept. of Psychiatry, New York, NY

 Add Note

☆ **PSTR153. Brain Plasticity: Transcription and Translation**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR153.01 Sex- and Withdrawal-Dependent Remodeling of the Synaptic Proteome in the Nucleus Accumbens and Prefrontal Cortex After Cocaine Exposure**

8:00 AM - 12:00 PM

*Y. YIM¹, A. LABANCA⁴, T. MARKOVIC⁵, R. FUTAMURA², A. GODINO³, L. HOLT⁷, C. AZIZIAN⁸, B. T. KIPP¹, V. KONDEV¹, E. KAHN⁶, A. M. MINIER-TORIBIO³, T. M. GYLES⁹, E. J. NESTLER¹⁰;
²Neurosci., ³Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁵Neurosci., ⁶Icahn Sch. of Med., New York, NY; ⁷Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ⁸Icahn Sch. of Med. Mount Sinai, Queens, NY; ⁹Friedman Brain Inst., ¹⁰Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR155. Astrocytes: Disease Mechanisms II**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR155.04 Astrocytic CREB in Nucleus Accumbens Modulates Transcriptomic, Neuronal, and Behavioral Responses to Cocaine**

8:00 AM - 12:00 PM

*L. M. HOLT¹, A. M. MINIER-TORIBIO², R. FUTAMURA², C. J. BROWNE², F. J. MARTINEZ-RIVERA², T. MARKOVIC², T. M. GYLES², E. M. PARISE³, C. AZIZIAN⁴, Y. YIM², V. KONDEV², M. ESTILL², A. LABANCA², G. ROJAS², Y. DONG⁵, L. SHEN², E. J. NESTLER²;
²Nash Family Dept. of Neurosci., ³Nash Family Department of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY;
⁴Nash Family Dept. of Neurosci., Icahn Sch. of Med. Mount Sinai, New York, NY; ⁵Dept Neurosci., Univ. of Pittsburgh, Pittsburgh, PA

 Add Note

☆ **PSTR182. New Frontiers in Affective, Computational, and Motivational Neuroscience**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR182.06 Expectancy violations influence affective states**

8:00 AM - 12:00 PM

*D. FOLLONI¹, F. M. STOLL², P. H. RUDEBECK³;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Neurosci., ³Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR181. Human Imaging: Mood**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR181.08 Intrinsic neural timescales in treatment resistant depression and their modulation by ketamine**

8:00 AM - 12:00 PM

*E. ALCANTARA¹, K. WENGLER²;

¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Psychiatry, Icahn Sch. of Med., New York, NY

 Add Note

☆ **Presentation PSTR181.25 Functional and structural remodeling of treatment-resistant depression with subcallosal cingulate deep brain stimulation**

8:00 AM - 12:00 PM

*J. CHA¹, H. SONG¹, M. FIGEE¹, J. SHIN², S. BANERJEE², P. RIVA-POSSE³, B. KOPELL¹, H. S. MAYBERG¹, K. CHOI¹;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²GE Healthcare, New York, NY; ³Psychiatry and Behavioral Sci., Emory Univ., Atlanta, GA

 Add Note

☆ **PSTR185. Addictive Drugs: Plasticity, Behavior, Neurotransmitters**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR185.18 Sex and cell-type specific transcriptomic responses during heroin abstinence and relapse in medial prefrontal cortex**

8:00 AM - 12:00 PM

*N. I. AHMED¹, T. SHWANI², A. L. GARCIA LOPEZ³, X. LI⁴, D. M. DIETZ⁵, I. S. MAZE^{6,7};

¹Neurosci., Ichan Sch. of Med. at Mount Sinai, New York, NY; ²Pharmacol. and Toxicology, State Univ. of New York, Univ. at Buffalo, Buffalo, NY; ³Pharmacol. and Toxicology, ⁴Univ. at Buffalo, Buffalo, NY; ⁵SUNY At Buffalo, Clarence Center, NY; ⁶Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, Ossining, NY; ⁷Howard Hughes Med. Institute, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **PSTR188. Neural Mechanisms: Adaptive Choice**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **PSTR188.11 Neural circuit mechanisms of top-down influences on reward learning**

8:00 AM - 12:00 PM

F. M. STOLL¹, Z. R. ZEISLER², *P. H. RUDEBECK²;
¹Neurosci., ²Icahn Sch. of Med. At Mount Sinai, New York, NY

📄 Add Note

☆ **PSTR192. Hippocampal Oscillations and Synchrony**

8:00 AM - 12:00 PM

SDCC Halls B-H

📄 Add Note

☆ **PSTR192.01 Interneuron theta phase locking controls seizure susceptibility**

8:00 AM - 12:00 PM

*Z. CHRISTENSON WICK, P. A. PHILIPSBERG, C. KOHLER, S. I. LAMSIFER, E. KATANOV, K. GORDON, G. DONNELLY, Y. FENG, L. M. VETERE, D. J. CAI, T. SHUMAN;
Icahn Sch. of Med. at Mount Sinai, New York, NY

📄 Add Note

☆ **PSTR190. Neuromodulatory Mechanisms of Social Behavior**

8:00 AM - 12:00 PM

SDCC Halls B-H

📄 Add Note

☆ **PSTR190.04 The role of oxytocin in long-term social memory**

8:00 AM - 12:00 PM

*E. LUBBERS, X. WU;
Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

📄 Add Note

☆ **PSTR184. Stress, Anxiety, and Related Disorders**

8:00 AM - 12:00 PM

SDCC Halls B-H

📄 Add Note

☆ **PSTR184.02 Role of astrocytes in the prefrontal cortex in regulating stress-related behaviors**

8:00 AM - 12:00 PM

*V. KONDEV¹, L. HOLT⁵, B. T. KIPP¹, C. BLASCHKE¹, G. ROJAS², R. FUTAMURA³, A. M. MINIER-TORIBIO⁴, A. LABANCA⁶, E. J. NESTLER⁷;
²Nash Family Dept. of Neurosci. and Friedman Brain Inst., ³Neurosci., ⁴Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ⁶Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁷Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

📄 Add Note

☆ **NOA11. Animals in Research Panel: From Animal Studies to Human Treatment: The Role of Animal Models in Neuroscience Discoveries**

10:00 AM - 11:30 AM

SDCC Rm 16

📄 Add Note

☆ **Presentation NOA11 Speaker**

10:00 AM - 11:30 AM

H. S. Mayberg;
Center for Advanced Circuit Therapeutics, Mount Sinai, New York, NY.

📄 Add Note

☆ **PSTR230. Stress-Neuroimmune Interactions**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR230.06 Peripheral immune interactions at the endothelium following stress and antidepressant treatment**

1:00 PM - 5:00 PM

*J. ALVAREZ¹, F. CATHOMAS², H.-Y. LIN², L. F. PARISE², K. CHAN², A. RAMAKRISHNAN², M. ESTILL², R. L. FISHER-FOYE¹, S. J. RUSSO²;

¹Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR230.02 Remapping social stress with empathy-driven social buffering**

1:00 PM - 5:00 PM

*H. OH^{1,2,3}, R. DURAND-DE CUTTOLI^{4,2,3}, R. L. FISHER-FOYE^{4,2,3}, T. DALY^{4,2,3}, L. F. PARISE^{4,2,3}, S. J. RUSSO^{4,2,3};

¹Icahn Sch. of Med., New York, NY; ²Brain-Body Res. Inst., ³Friedman Brain Inst., ⁴Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **PSTR234. Amygdala and Its Partners in Fear Processing**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR234.05 An amygdala to anterior hypothalamic circuit gates negative valence and stress vulnerability**

1:00 PM - 5:00 PM

*Z. T. PENNINGTON¹, A. N. MAHMUD², A. LABANCA¹, S. ABDEL-RAHEIM², M. BACON², P. SOMPOLPONG³, A. BAGGETTA¹, Y. ZAKI², B. KO², Y. FENG¹, Z. DONG², A. SMITH⁴, P. J. KENNY¹, D. J. CAI²;

¹Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Neurosci., ³Icahn Sch. of Med. at Mount Sinai, New York, NY;

⁴Med. Univ. of South Carolina, Charleston, SC

 Add Note

☆ **PSTR237. Preclinical Models of Neuropsychiatric Disease**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR237.25 Mitochondrial complex I in cholinergic interneurons and cognitive impairment**

1:00 PM - 5:00 PM

*M. JODEIRI FARSHBAF¹, R. DURAND-DE CUTTOLI², S. O. BROWN², J. L. ABLES³;

¹Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; ²Neurosci., ³Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **PSTR235. Non-Human Primate Neural and Behavioral Processes**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR235.07 Decoding choice dynamics from frontal cortex, striatum, and amygdala during probabilistic reasoning**

1:00 PM - 5:00 PM

*N. VALLURU¹, F. M. STOLL², P. H. RUDEBECK³;

¹Friedman Brain Inst., Mt. Sinai, New York, NY; ²Neurosci., ³Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR239. Opioids: Reinforcement, Seeking, and Reinstatement**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR239.06 Transcriptional and behavioral characterization of individual differences in escalating oral oxycodone self-administration**

1:00 PM - 5:00 PM

*B. T. KIPP¹, T. M. GYLES³, L. HOLT², V. KONDEV², E. KAHN², E. J. NESTLER³;

²Nash Family Dept. of Neurosci. and Friedman Brain Inst., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Nash Family Dept. of Neurosci. and Friedman Brain Inst., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR236. Social Communication and Behavior Across Species**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR236.11 Investigating Synaptic and Neural Mechanisms of Cbln2 in Social Behavior**

1:00 PM - 5:00 PM

*D. T. LEWIS-SANDERS¹, J. DAI²;

¹Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Pharmacol. sciences and Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **MIN21. Single Cell Multiomics in Central Nervous System Injury and Recovery — Ozgun Gokce**

2:00 PM - 4:30 PM

SDCC Rm 6B

 Add Note

☆ **Presentation MIN21.07 Genetic Control of Brain Expression and Splicing in Neurodegeneration**

2:00 PM - 4:30 PM

T. Raj;

Icahn School of Medicine at Mount Sinai, New York, NY

 Add Note

TUESDAY, NOV. 18, 2025

☆ **PSTR261. Intrinsic Properties and Modulation of Neuronal Firing I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR261.09 Characterization of lateral habenula neurons activity patterns**

8:00 AM - 12:00 PM

*M. ISHIKAWA, A. CORONA, P. J. KENNY;

Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR261.10 Social isolation stress increases burst-firing and disrupts microglia in the lateral habenula**

8:00 AM - 12:00 PM

*A. CORONA¹, M. ISHIKAWA³, J. WANG², L. WILLS⁴, P. J. KENNY⁵;

²Neurosci., ¹Mount Sinai Sch. of Med., New York, NY; ³Neuroscience, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁵Neurosci., Icahn Sch. of Med. At Mount Sinai, Tarrytown, NY

 Add Note

☆ **PSTR283. Cell Types and Circuit Physiology in the Cerebellum**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR283.22 A Novel Early Onset Spinocerebellar Ataxia 13 BAC Mouse Model with Cerebellar atrophy, Tremor, and Ataxic Gait**

8:00 AM - 12:00 PM

*J. YIN¹, J. NICK², S. KHARE², H. KLOEFKORN⁵, M. GAO⁶, M. WU⁷, J. WHITE⁷, J. RESNICK³, K. ALLEN², H. NICK⁴, M. WATERS¹;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Dept. of Mol. Genet. and Microbiology,, ⁴Dept. of Neurosci., ²Univ. of Florida, Gainesville, FL; ⁵Chemical, Biological, and Envrn. Engin., Oregon State Univ., Corvallis, OR; ⁶Dept. of Neurobio., Barrow Neurolog. Institute, St. Joseph's Hosp. and Med. Ctr., Phoenix, AZ; ⁷Barrow Neurolog. Inst., Phoenix, AZ

 Add Note

☆ **PSTR287. Cellular Actions of Stress**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR287.08 Stress-induced histone post-translational modifications in peripheral immune cells**

8:00 AM - 12:00 PM

*A. GRUSCA;
Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY

 Add Note

☆ **Presentation PSTR287.09 Histone dopaminylation is a conserved, stress-sensitive epigenetic signature of maternal experience**

8:00 AM - 12:00 PM

*J. CHAN¹, G. DI SALVO², A. CUNNINGHAM¹, S. DUTTA³, E. BRINDLEY⁴, B. WEEKLEY⁵, N. MECHAWAR⁶, I. S. MAZE⁷;
¹Mount Sinai Sch. of Med., New York, NY; ²Neurosci., Icahn Sch. of Med. At MSSM Mount Sinai Grad. Training Program In Neurosci., New York, NY; ³Biomed. Sci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurosci., Icahn Sch. of Med. at Mount Sinai, New York City, NY; ⁵Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Douglas Inst., Montreal, QC, Canada; ⁷Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, Ossining, NY

 Add Note

☆ **PSTR295. Addiction: Mechanisms, Learning, and Memory**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR295.04 Nucleus accumbens and basolateral amygdala neuronal ensembles mediate cocaine-seeking after abstinence**

8:00 AM - 12:00 PM

*A. R. LABANCA¹, R. FUTAMURA², Y. YIM³, V. KONDEV⁴, T. MARKOVIC⁵, L. M. HOLT⁶, B. T. KIPP⁴, M. SALERY⁷, E. J. NESTLER⁸;
¹Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., ³Nash Family Dept. of Neurosci., ⁴Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Neurosci., Icahn Sch. of Med., New York, NY; ⁶Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ⁷Nash Family Dept. of Neurosci. & Friedman Brain Inst., Mount Sinai, New York, NY; ⁸Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR297. Opioids: Cell Signaling, Circuitry, and Neurophysiology**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR297.06 Cross-ancestral gene-target prioritization for opioid use disorder**

8:00 AM - 12:00 PM

*S. DE ALMEIDA¹, P. ROUSSOS², G. VOLOUDAKIS³;

¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; ³Psychiatry, Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR308. Optical Methodology: Application: Optical Functional Imaging: New Probes and Illumination Methods**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR308.13 In Vivo Optical Control of Oxytocin Using Photoswitchable Azosomes**

8:00 AM - 12:00 PM

*J. TAURA¹, H. TAJARENEJAD², L. NAHAR¹, X. YU³, Z. QIN², P. A. SLESINGER¹;

¹Icahn Sch. of Med. At Mount Sinai, New York(NYC), NY; ²Mechanical Engin., Univ. of Texas, Dallas, Richardson, TX; ³Radiology, Massachusetts Gen. Hosp., Charlestown, MA

 Add Note

☆ **PSTR311. Network Activity Modulation**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR311.01 Assessment of Deep Learning MRI Reconstruction for Connectomic-Guided Deep Brain Stimulation in Depression**

8:00 AM - 12:00 PM

H. SONG¹, J. SHIN², B. KOPELL¹, S. BANERJEE³, H. S. MAYBERG⁴, *K. CHOI¹;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²GE HealthCare, New York, NY; ³GE HealthCare, Menlo Park, CA; ⁴Ctr. for Advanced Circuit Therapeut., Mount Sinai, New York, NY

 Add Note

☆ **PSTR293. Neural Mechanisms of Motivation and Reward-Related Behaviors**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR293.01 Modulating levels ofDFOSB alters nucleus accumbens medium spiny neuron activity**

8:00 AM - 12:00 PM

*T. MARKOVIC¹, L. HOLT², A. M. MINIER-TORIBIO³, E. M. PARISE⁵, A. GODINO³, V. KONDEV⁴, Y. YIM³, E. J. NESTLER⁶;

¹Icahn Sch. of Med., New York, NY; ²Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ³Nash Family Dept. of Neurosci., ⁴Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Nash Family Department of Neurosci., ⁶Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR301. Behavioral and Neural Mechanisms of Social Interaction**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR301.14 Asymmetric social representations in the prefrontal cortex for cooperative behavior**

8:00 AM - 12:00 PM

*Y. CHENG¹, Y. CHEN², M. KWAK¹, T. D. PEREIRA³, M. R. WHITEWAY⁴, E. S. SCHAFFER¹, N. RUNGRATSAMEETAWEE MANA⁵, Z. WU¹;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Univ. of Washington, Seattle, WA; ³TPEREI, Salk Inst. for Biol. Studies, La Jolla, CA; ⁴Neurosci., ⁵Biomed. Engin., Columbia Univ., New York, NY

 Add Note

☆ MTE09. Meet-the-Expert: Hong — Neural Mechanisms of Prosocial Behavior

9:00 AM - 10:00 AM

SDCC Rm 5B

 Add Note

☆ Presentation MTE09.02 Moderator

9:00 AM - 10:00 AM

*H. MORISHITA;
Icahn School of Medicine at Mount Sinai, New York, NY

 Add Note

☆ PSTR322. Glial Mechanisms of Alzheimer's Disease

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ Presentation PSTR322.06 Neocortical region-specific changes to astrocytes and microglia near amyloid-beta plaques and vasculature in Alzheimer's disease

1:00 PM - 5:00 PM

A. K. MCKENDELL¹, A. PELLAGRINI², S. MAGALHAES², A. M. BADINA³, E. MCDONOUGH⁴, L. LOWERY⁴, B. B. TOURNIER³, J. I. LUEBKE⁵, D. E. MEYER⁴, P. R. HOF¹, *M. T. VARGHESE⁶;

¹Nash Family Dept. of Neuroscience, Friedman Brain Institute, Ronald M. Loeb Ctr. for AD, ²Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Dept. of Psychiatry, Univ. Hosp. of Geneva and Univ. of Geneva, Geneva, Switzerland; ⁴GE HealthCare Technol. & Innovation Ctr., Niskayuna, NY; ⁵Anat. & Neurobio., Boston Univ., Boston, MA; ⁶George & Anne Ryan Inst. for Neuroscience, Dept. of Biomed. and Pharmaceut. Sci., Univ. of Rhode Island, Warwick, RI

 Add Note

☆ PSTR325. Parkinson's Disease: Cellular Mechanisms

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ Presentation PSTR325.17 Lysosomal Polyamine Sequestration Drives Epigenetic and Neurotoxic Changes in Parkinson's Disease Astrocytes

1:00 PM - 5:00 PM

*E. COCCIA¹, G. PARFITT², J. W. BLANCHARD¹;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Genentech, San Francisco, CA

 Add Note

☆ PSTR326. Parkinson's Disease in Animal Models: Circuits, Behavior, and Mechanistic Insights

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ Presentation PSTR326.18 Interrogating early sex-specific abnormalities in cholinergic innervation and behaviorally-evoked ACh transients in mPFC of Lrrk2-G2019S mice

1:00 PM - 5:00 PM

*A. MAGEE¹, S. GUPTA², D. L. BENSON³, G. W. HUNTLEY⁴;

²Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Neurosci., Mount Sinai, New York, NY; ⁴Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ PSTR328. Additional Movement Disorders: Cellular and Molecular Mechanisms in Animal and Cellular Models

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR328.14 A new murine model of X-linked dystonia parkinsonism (XDP)**

1:00 PM - 5:00 PM

*K. L. PLOENSE¹, W. ZHANG², R. BROSH³, J. BOEKE², M. E. EHRlich⁴;

¹Neurol., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Biochem. and Mol. Pharmacol., ³Pathology, NYU Sch. of Med., New York, NY; ⁴Icahn Sch. of Med. At Mount Sinai, New York, NY

📄 Add Note

☆ **PSTR348. Bidirectional Regulation of Feeding, Metabolism, Motivation, and the Brain**

1:00 PM - 5:00 PM

SDCC Halls B-H

📄 Add Note

☆ **Presentation PSTR348.04 Thermal Regulation of Feeding Through a Hypothalamic-Midbrain Circuit**

1:00 PM - 5:00 PM

*X. YANG¹, X. HU¹, Z. XIE², F. GAO¹, N. ABE¹, K. ZANG⁴, H. HU³;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Anesthesiol., Icahn Sch. of Med. at Mount Sinai, Forest Hills, NY;

³Anesthesiol., Icahn Sch. of Med. at Mount Sinai, Port Washington, NY; ⁴Washington Univ. in St. Louis, saint louis, MO

📄 Add Note

☆ **MIN30. Interneuron Computation in Health and Disease — Nathalie Dehorter**

2:00 PM - 4:30 PM

SDCC Rm 6CF

📄 Add Note

☆ **Presentation MIN30.04 Closed-loop control of inhibitory neuron theta phase locking in the healthy and epileptic hippocampus**

2:00 PM - 4:30 PM

Z. Christenson Wick;

Icahn School of Medicine at Mount Sinai, New York, NY

📄 Add Note

☆ **LEC19. History of Neuroscience Lecture: The Troubled History of the Emotional Brain — Joseph E. LeDoux**

3:30 PM - 4:30 PM

SDCC Ballroom 20

📄 Add Note

☆ **Presentation LEC19.03 Moderator**

3:30 PM - 4:30 PM

*D. SCHILLER;

Icahn School of Medicine at Mount Sinai, New York, NY

📄 Add Note

WEDNESDAY, NOV. 19, 2025

☆ **PSTR376. Long-Term Synaptic Plasticity: Induction and Modulation**

8:00 AM - 12:00 PM

SDCC Halls B-H

📄 Add Note

☆ **Presentation PSTR376.20 Early and persistent rescue of corticostriatal LTP by in vivo MLI-2 administration in mice carrying a Parkinson's linked LRRK2^{G2019S} mutation**

8:00 AM - 12:00 PM

S. GUPTA¹, A. TIELEMANS², G. W. HUNTLEY³, *D. L. BENSON⁴;

¹Neurosci., ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, New York,

NY; ⁴Mount Sinai, New York, NY

 Add Note

☆ **PSTR384. Parkinson's Disease: Neuroprotective Mechanisms**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR384.03 Profiling and characterizing a novel vulnerable neuron type in the substantial nigra of Parkinson's disease**

8:00 AM - 12:00 PM

*M. LIANG¹, E. LI², C. XIAO¹, M. WANG³, Z. YUE¹;

¹Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Dalton High Sch., New York, NY; ³Icahn Sch. of Med. at Mount Sinai, New York, NY.

 Add Note

☆ **PSTR389. Nociceptors and Pruitoceptors**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR389.16 An interorgan neuroimmune circuit promotes visceral hypersensitivity**

8:00 AM - 12:00 PM

*Z. WANG¹, K. SONG², B. KIM³;

¹Dermatol., ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Icahn Sch. of Med. at Mount Sinai, Larchmont, NY

 Add Note

☆ **PSTR400. Early Life Stress**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR400.19 Histone H3 Serotonylation Regulates Developmental Gene Expression in the mPFC Contributing to Behavioral Responses to Early Life Adversity**

8:00 AM - 12:00 PM

*A. CUNNINGHAM¹, J. CHAN², E. BRINDLEY⁴, L. HOLT³, T. MARKOVIC⁶, V. KONDEV⁵, M. ESTILL⁷, L. SHEN⁷, E. J. NESTLER⁸, I. S. MAZE⁹;

²Neurosci., ³Neurosci. Dept., ¹Mount Sinai Sch. of Med., New York, NY; ⁴Neurosci., Icahn Sch. of Med. at Mount Sinai, New York City, NY; ⁵Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Neurosci., Icahn Sch. of Med., New York, NY; ⁸Neurosci., ⁹Dept. of Neurosci., ⁷Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR409. Alcohol: Neural Circuits, Behavior, and Imaging**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR409.11 Activation of GIRK1-containing potassium channels by GiGA1 reduces ethanol-dependent behaviors in mice**

8:00 AM - 12:00 PM

J. TAURA¹, A. MARRAZZO CARRASCO², G. RAI³, C. CONTET⁴, *P. SLESINGER¹;

¹Icahn Sch. Med. Mount Sinai, New York, NY; ²Icahn Sch. of Med., New York, NY; ³NCATS / NIH, Rockville, MD; ⁴Mol. Med., The Scripps Res. Inst., La Jolla, CA

 Add Note

☆ **NANO047. Cocaine Addiction: From Cells to Experiences That Shape Drug-Seeking Behavior**

8:00 AM - 10:00 AM

 Add Note

☆ **Presentation NANO047.02 H2a.z dysregulation during cocaine withdrawal modulates drug relapse behavior.**

8:15 AM - 8:30 AM

*E. P. CHEN¹, V. KONDEV¹, Y. YIM², B. T. KIPP¹, E. KAHN³, E. J. NESTLER⁴;

²Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Icahn Sch. of Med., New York, NY;

⁴Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR410. Opioid Addiction, Dependence, and Pain: From Genes to Behavior**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR410.10 Long-term fentanyl withdrawal reprograms nucleus accumbens gene networks and reward-related behavior**

8:00 AM - 12:00 PM

*E. S. KAHN¹, B. T. KIPP², V. KONDEV², T. M. GYLES⁶, M. ESTILL², E. P. CHEN³, G. ROJAS⁴, Y. YIM⁵, E. J. NESTLER⁷;

¹Icahn Sch. of Med., New York, NY; ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Icahn Sch. of Med. at Mount Sinai, New

York, NY; ⁴Nash Family Dept. of Neurosci. and Friedman Brain Inst., ⁵Nash Family Dept. of Neurosci., Icahn Sch. of Med. at

Mount Sinai, New York, NY; ⁶Friedman Brain Inst., ⁷Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **PSTR463. Social Motivation, Aggression, and Defense Across Species**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR463.18 Elucidating the role of lateral septum neurotensin expressing neurons in social pursuit**

1:00 PM - 5:00 PM

*T. DALY¹, R. L. FISHER-FOYE³, R. DURAND-DE CUTTOLI², H. OH⁴, A. V. AUBRY⁵, M. CAROLE⁵, L. LI⁶, S. J. RUSSO⁷;

²Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training

Program In Neurosci., New York, NY; ⁴Neurosci., ⁵Icahn Sch. of Med., New York, NY; ⁶Dept. of Neurosci., Icahn Sch. of Med. At

Mount Sinai, New York, NY; ⁷Neurosci., Icahn school of medicine at mount sinai, New York, NY

 Add Note

☆ **PSTR464. Preclinical Models of Arousal, Anxiety, Depression, Frustration, and Stress**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR464.19 Blunted neural tracking of reward prediction errors confers distinct depressive and anxiety phenotypes**

1:00 PM - 5:00 PM

*J. BELTRAN¹, M. MEHTA³, G. BUTLER⁴, J. MURROUGH⁴, A. RADULESCU⁵, L. MORRIS²;

¹Neurosci., ²Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ³Laureate Inst. for Brain Res.,

Tulsa, OK; ⁴Ichan Sch. of Med. At Mount Sinai, New York, NY; ⁵Icahn Sch. of Med. at Mount Sinai, Brooklyn, NY

 Add Note

☆ **Presentation PSTR464.20 Resilient Specific Sex-Conserved Transcriptomic Networks in the Nucleus Accumbens following Chronic Social Defeat Stress in Mice**

1:00 PM - 5:00 PM

*T. M. GYLES¹, E. M. PARISE², L. HOLT⁴, A. M. MINIER-TORIBIO⁵, T. MARKOVIC⁷, L. F. PARISE⁸, R. L. FISHER-FOYE⁹, R. DURAND-DE CUTTOLI⁶, L. LI¹⁰, Y. YIM⁵, C. J. BROWNE¹¹, A. GODINO⁵, S. J. RUSSO¹², E. J. NESTLER³;

²Nash Family Department of Neurosci., ³Neurosci., ¹Icahn Sch. of Med. At Mount Sinai, New York, NY; ⁴Neurosci. Dept., Mount

Sinai Sch. of Med., New York, NY; ⁵Nash Family Dept. of Neurosci., ⁶Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁷Neurosci., Icahn Sch. of Med., New York, NY; ⁸Neurosci., Icahn Sch. of Med. at Mt.Sinai, New York, NY; ⁹Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ¹⁰Chinese Acad. of Sci., Inst. of Biophysics, Shanghai City, China; ¹¹Brain Hlth. Imaging Ctr., Ctr. for Addiction and Mental Hlth., Toronto, ON, Canada; ¹²Neurosci., Icahn school of medicine at mount sinai, New York, NY

 Add Note

☆ **Presentation Longitudinal stability of the effect of depression on social decision-making** 1:00 PM - 5:00 PM

*Q. FU¹, B. R. SHEVLIN², A. NEAL³, S. A. RHOADS⁴, K. KULKARNI¹, H. S. MAYBERG⁵, X. GU⁶;
¹Icahn School of Medicine At Mount Sinai Graduate Training Program In Neuroscience, New York, NY; ²Psychiatry, Icahn School of Medicine at Mount Sinai, New York City, NY; ³Neuroscience, Icahn School of Medicine At Mount Sinai Graduate Training Program In Neuroscience, New York, NY; ⁴Georgetown University, Washington, DC; ⁵Center for Advanced Circuit Therapeutics, Mount Sinai, New York, NY; ⁶Psychiatry, Neuroscience, Icahn School of Medicine at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR464.21 Dissecting VTA circuitry with ultra-high field 7T MRI: Relationships with anhedonia, depression and sex hormones** 1:00 PM - 5:00 PM

*M. LI¹, Y. JACOB^{1,2}, G. BUTLER¹, S. MUNOZ-LARA^{3,4}, K. GOOSENS^{1,3,4,5}, J. MURROUGH^{1,3,4,5}, L. MORRIS¹;
¹Dept. of Psychiatry, ²BioMedical Engin. and Imaging Institute, Dept. of Radiology, ³Dept. of Pharmacol. Sci., ⁴Ctr. for Translational Med. and Pharmacol., ⁵Friedman Brain Inst., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR464.23 Investigating the role of the anterior cingulate cortex in stress-driven social impairments** 1:00 PM - 5:00 PM

*R. L. FISHER-FOYE¹, R. DURAND-DE CUTTOLI², L. LI⁴, A. V. AUBRY⁶, M. CAROLE⁶, H. OH⁷, T. DALY³, D. T. LEWIS-SANDERS⁵, J. ALVAREZ¹, S. J. RUSSO⁸;
¹Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Dept. of Neurosci., ⁵Icahn Sch. of Med. At Mount Sinai, New York, NY; ⁶Neurosci., ⁷Icahn Sch. of Med., New York, NY; ⁸Neurosci., Icahn school of medicine at mount sinai, New York, NY

 Add Note

☆ **PSTR468. Mechanisms of Attention: Animal Models** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR468.05 Cholinergic modulation of frontal sensory cortical projections supports post-error attentional adjustment** 1:00 PM - 5:00 PM

*T. NISHIOKA¹, Y. GARKUN¹, L. WALTRIP¹, L. BICKS¹, A. SINGH¹, A. SERRATELLI¹, T. MANKOUSKAYA¹, P. MACCARIO¹, J. S. RICEBERG¹, K. J. NORMAN¹, S. ALLEN¹, Y. LI⁴, S. AKBARIAN², H. MORISHITA³;
¹Psychiatry, Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; ²Psychiatry, ³Psychiatry, Neuroscience, Ophthalmology, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Peking Univ., Beijing, China

 Add Note

☆ **PSTR475. Systems Biology and Multiomics Approaches** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation PSTR475.05 A Metacell-Integrated Network Framework Reveals Cell-Type-Specific Drivers of Parkinson's Disease** 1:00 PM - 5:00 PM

*L. CHU¹, G. YU¹, X. ZHOU², M. WANG², Z. YUE³, B. ZHANG²;
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 Add Note

☆ **Presentation PSTR475.11 Evolutionary tradeoffs in complement** 1:00 PM - 5:00 PM

component 4 haplotypes

S. VENKATESH¹, *D. MATHUR², K. THERRIEN², B. AJANAKU², M. J. GANDAL⁴, G. VOLOUDAKIS⁵, P. ROUSSOS³;

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 Add Note

☆ MIN38. Neuroimmune Interactions in the Periphery — Hongzhen Hu

2:00 PM - 4:30 PM

SDCC Rm 28

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2:00 PM - 4:30 PM

SDCC Rm 28

 Add Note

☆ Presentation MIN38.01 Chair

2:00 PM - 4:30 PM

H. Hu;

Icahn School of Medicine at Mount Sinai, Port Washington, NY

 Add Note

☆ Presentation MIN38.02 Co Chair

2:00 PM - 4:30 PM

B. S. Kim;

Icahn School of Medicine at Mount Sinai, New York, NY

 Add Note

☆ MIN40. Adenosine in the Brain: Detection, Function, and Translation — Haining Zhong

2:00 PM - 4:30 PM

SDCC Rm 6CF

 Add Note

☆ Presentation MIN40.05 Microglia-mediated gating of neuronal activity via adenosine

2:00 PM - 4:30 PM

A. Schaefer;

Max Planck Institute for Biology of Ageing/ Mount Sinai, New York, Cologne, Germany

 Add Note