



Friedman Brain Institute Itinerary

SATURDAY, OCT. 5, 2024

☆ Session LEC01 Dialogues Between Neuroscience and Society — Susan Magsamen

10:00 AM - 12:00 PM

MCP Hall B

Add Note

☆ Presentation LEC01.05 Moderator

10:00 AM - 12:00 PM

*D. SCHILLER;
Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ Session TJP06 Teaching of Neuroscience: Graduate and Professional

1:00 PM - 1:00 PM

MCP Hall A

Add Note

☆ Presentation TJP06.20SA / Y24 A neuroanatomy digitization project to provide worldwide access to the educational and research resources at the National Museum of Health and Medicine

1:00 PM - 5:00 PM

*J. MORRIS¹, D. L. DICKSTEIN^{2,3}, C. D. STIMPSON^{2,3}, C. C. SHERWOOD⁴, D. J. MILLER^{5,6}, B. N. DUGGER⁷, P. R. HOF⁸, D. P. PERL²;
¹Mass Neuroanatomy, West Newbury, MA; ²Pathology, Uniformed Services Univ. of the Hlth. Sci., Bethesda, MD; ³The Henry M. Jackson Fndn. for the Advancement of Military Hlth. Inc., Bethesda, MD; ⁴Anthrop., The George Washington Univ., Washington, DC; ⁵Evolution, Ecology and Behavior, ⁶Beckman Inst. for Advanced Sci. and Technol., Univ. of Illinois, Urbana, IL; ⁷Pathology and Lab. Med., Univ. of California-Davis-Health, Sacramento, CA; ⁸Nash Family Dept. of Neurosci. and Friedman Brain Inst., Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ Session PSTR040 Opioids: Reinforcement, Seeking and Reinstatement

1:00 PM - 5:00 PM

MCP Hall A

Add Note

☆ Presentation PSTR040.03 / L37 Identification of Mbd3 as a Key Hub Gene in Nucleus Accumbens After Heroin Self-Administration and Relapse in Mice

1:00 PM - 5:00 PM

*R. FUTAMURA¹, C. J. BROWNE², A. M. MINIER-TORIBIO³, X. CHEN⁴, A. RAMAKRISHNAN⁵, Y. YIM³, M. SALERY⁶, A. GODINO³, L. SHEN¹, Y. L. HURD¹, B. ZHANG¹, E. J. NESTLER⁷;
²Neurosci., ³Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Inst. for Genomic Med., Columbia Univ. Program In Neurobio. And Behavior, New York, NY; ⁵Mount Sinai Sch. of Med., New York, NY; ⁶Nash Family Dept. of Neurosci. & Friedman Brain Inst., Mount Sinai, New York, NY; ⁷Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ Presentation PSTR040.02 / L36 Homecage oral oxycodone self-administration induces preference and differential gene expression in the prefrontal cortex and nucleus accumbens of mice

1:00 PM - 5:00 PM

g. P. KIPP¹; T. M. GYLES¹; L. HOLT⁴; E. J. NESTLER³;

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

 Add Note

☆ Session NANO06 Neural Activity Underlying Higher-Order Human Behaviors: Insights From Intracranial Recordings

1:00 PM - 4:00 PM

MCP Room N427

 Add Note

☆ Presentation NANO06.01 Neuronal activity in the human hippocampus links reward-prediction errors to subsequent memory

1:00 PM - 1:15 PM

*S. E. QASIM¹, L. NUNEZ MARTINEZ², F. PANOV³, A. E. RHONE⁴, C. M. GARCIA⁴, B. J. DLOUHY⁴, X. GU¹, I. SAEZ²;

¹Psychiatry, ²Neurosci., ³Neurosurg., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurosurg., Univ. of Iowa, Iowa City, IA

 Add Note

☆ Presentation NANO06 Chair

1:00 PM - 4:00 PM

S. E. Qasim;

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

 Add Note

☆ Session PSTR001 Glial Development

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR001.10 / A10 Profiling gene expression and H3K27ac histone modification in oligodendrocyte precursor cells throughout human postnatal development.

1:00 PM - 5:00 PM

*A. KOZLENKOV¹, F. NAQING², Z. DUREN², S. DRACHEVA³;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Clemson Univ., Greenwood, SC; ³Dept. Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ Session PSTR014 Aging: Therapeutic Strategies

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR014.07 / C55 Curcumin effects on ultrastructural changes in synapses and mitochondria in middle-aged rhesus monkeys

1:00 PM - 5:00 PM

*C. FREIRE-COBO¹, M. MEDALLA², M. VARGHESE¹, J. I. LUEBKE², P. R. HOF^{1,3,4};

¹Nash family department of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Anat. & Neurobio., Boston Univ. Sch. of Med., Boston, MA; ³Friedman Brain Inst., New York, NY; ⁴Ronald M. Loeb Ctr. for Alzheimer's Dis., New York, NY

 Add Note

☆ Session PSTR034 Cellular Actions of Stress

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR034.04 / J9 Stress-sensing microglia and habenular function

1:00 PM - 5:00 PM

*A. CORONA¹, M. ISHIKAWA¹, V. MATHIS², L. WILLS¹, J. WANG¹, P. J. KENNY³;

¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Cell. and Integrative Neurosci. Inst., Strasbourg, France;

 Add Note**SUNDAY, OCT. 6, 2024****☆ Session PSTR063 Parkinson's Disease: Neuroprotective Mechanisms**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note**☆ Presentation PSTR063.08 / C29 Characterization of a novel vulnerable neuron type in Parkinson's disease**

8:00 AM - 12:00 PM

*M. LIANG¹, M. WANG¹, W. WANG², I. CHOI¹, K. FARRELL¹, C. DE SANCTIS¹, J. F. CRARY¹, J. W. BLANCHARD¹, N. YANG¹, Z. WU², B. ZHANG¹, Z. YUE¹;

¹Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Cornell University: Weill Cornell Med. Col., New York, NY

 Add Note**☆ Session PSTR084 Positive and Negative Emotional States**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note**☆ Presentation PSTR084.11 / K5 Neural Mechanisms of Affective States in the Primate Brain**

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**☆ Session PSTR086 Drugs of Abuse: Cell Signaling, Circuitry, Learning, and Decision-Making**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note**☆ Presentation PSTR086.20 / L24 Role of dopaminoceptive cells in the ventral hippocampus in cocaine action**

8:00 AM - 12:00 PM

*V. KONDEV¹, A. GODINO², B. T. KIPP¹, E. KAHN⁴, R. FUTAMURA³, A. M. MINIER-TORIBIO², A. LABANCA⁶, T. MARKOVIC⁵, E. J. NESTLER⁷;

²Nash Family Dept. of Neurosci., ³Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Neurosci., ⁴Icahn 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**☆ Session PSTR096 Connectomics Across Species**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note**☆ Presentation PSTR096.13 / T9 Mapping of the sacral ventral root projectome in rhesus macaques to refine neuromodulation strategies**

8:00 AM - 12:00 PM

*L. HAVTON¹, P. BARTMEYER¹, G. BORTOLANCA CHIAROTTO², Y. SIM³, Y. BESHAY⁴, J. NIETO³, M. P. WARD⁵, N. P. BISCOLA³;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Neurol., Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; ³Neurol., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Weldon Sch. of Biomed. Engin., ⁵Biomed. Engin., Purdue Univ., West Lafayette, IN

 Add Note

☆ **Session PSTR104 Astrocyte Cell Biology**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note☆ **Presentation PSTR104.27 / B30 A spatial threshold for astrocyte calcium surge**

1:00 PM - 5:00 PM

*J. LINES¹, A. M. BARAIBAR², C. PEREZ DE NANCLARES³, E. MARTIN⁴, J. R. AGUILAR⁵, P. KOFUJI³, M. NAVARRETE⁴, A. ARAQUE³;
¹Mount Sinai, New York, NY; ²Inst. Teofilo Hernando, Univ. Autónoma De Madrid, Madrid, Spain; ³Neurosci., Univ. of Minnesota, Minneapolis, MN; ⁴Cajal Inst., Madrid, Spain; ⁵Hosp. Nacional Paraplejicos, Toledo, Spain

 Add Note☆ **Session NANO20 Sex Hormones in Cognition and Decision Making**

1:00 PM - 3:15 PM

MCP Room N227

 Add Note☆ **Presentation NANO20.02 A translational neuroeconomic approach to study sex differences in regret processing**

1:15 PM - 1:30 PM

*R. DURAND-DE CUTTOLI¹, S. J. RUSSO¹, E. J. NESTLER¹, B. M. SWEIS²;
¹Dept. of Neurosci., ²Psychiatry, Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note☆ **Session PSTR101 Other Ion Channels**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note☆ **Presentation PSTR101.13 / A47 Novel brain-penetrant HCN inhibitors to treat stress susceptibility**

1:00 PM - 5:00 PM

E. TEICHMAN¹, S. E. MONTGOMERY², *M. CAROLE³;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Modendo, Icahn Sch. of Med. at Mount Sinai, Boulder, CO; ³Icahn Sch. of Med., New York, NY

 Add Note☆ **Presentation PSTR101.03 / A37 Photochemical interrogation of the operation of synaptic inhibition in dendrites**

1:00 PM - 5:00 PM

*S. DARVISH-GHANE;
Icahn Sch. of Med., Manhattan, NY

 Add Note☆ **Session PSTR102 Transcription and Translation in Plasticity**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note☆ **Presentation PSTR102.12 / A62 MLL5 preferentially binds histone serotonylation (H3K4me3Q5ser), regulating chromatin dynamics and orchestrating crucial transcriptional programs during neurodevelopment**

1:00 PM - 5:00 PM

*B. H. WEEKLEY¹, J. CHAN¹, I. S. MAZE^{1,2};
¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Howard Hughes Med. Institute, Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note☆ **Presentation PSTR102.13 / A63 Identification of the quinone reductase NQO2 as a novel reader of histone H3 serotonylation that contributes to permissive neural gene expression**

1:00 PM - 5:00 PM

*W. CHEN¹, K. ROSENBLUM², I. S. MAZE³;¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Sagol Dept Neuro, Univ. of Haifa, Haifa, Israel; ³Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, Ossining, NY Add Note**☆ Presentation PSTR102.10 / A60 Profiling Neural Protein Dopaminylation with Age and in Parkinson's disease**

1:00 PM - 5:00 PM

*W. CHEN¹, A. F. STEWART², I. S. MAZE³;¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Icahn Sch. of Med. At Mount Sinai, New York, NY; ³Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, Ossining, NY Add Note**☆ Presentation PSTR102.14 / A64 Dissecting regional and cell-type specific roles for Histone H3 serotonylation in stress-mediated dysregulation of neural transcription**

1:00 PM - 5:00 PM

*G. DI SALVO^{1,2}, A. AL-KACHAK³, E. BRINDLEY⁴, J. CHAN⁴, B. WEEKLEY⁶, J. BENETATOS⁷, L. TIAN⁸, Y. HUA⁹, L. LOOGER¹⁰, I. S. MAZE^{5,11};¹Icahn Sch. of Med. At MSSM Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., Maastricht University, Sch. for Mental Hlth. and Neurosci. (MHeNs), Maastricht, Netherlands; ⁴Neurosci., ⁵Dept. of Neurosci., ³Icahn Sch. of Med. At Mount Sinai, New York, NY; ⁶Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁷Neurol., UC San Diego, La Jolla, CA; ⁸Max Planck Florida Inst. for Neurosci., Jupiter, FL; ⁹Max Planck Florida Inst., Jupiter, FL; ¹⁰Howard Hughes Med. Inst., Ashburn, VA; ¹¹Howard Hughes Med. Inst., New York, NY Add Note**☆ Session PSTR113 Neurobiology of Itch**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note**☆ Presentation PSTR113.09 / C85 The Role of Histamine-4 Receptor (H4R) in Histaminergic Itch**

1:00 PM - 5:00 PM

*K. SONG^{1,3,4,5,6}, Z. WANG^{2,3,4,5,6}, B. S. KIM^{2,3,4,5,6};¹Neurosci., ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Kimberly and Eric J. Waldman Dept. of Dermatology, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Mark Lebowitz Ctr. for Neuroinflamm. and Sensation, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Marc and Jennifer Lipschultz Precision Immunol. Institute, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Allen Discovery Ctr. for Neuroimmune Interactions, Icahn Sch. of Med. at Mount Sinai, New York, NY Add Note**☆ Session NANO21 Regulation of Reward-Related Behavior**

1:00 PM - 2:45 PM

MCP Room S401

 Add Note**☆ Presentation NANO21.04 Modulating levels of dFOSB alters nucleus accumbens medium spiny neuron activity in vivo to salient stimuli**

1:45 PM - 2:00 PM

*T. MARKOVIC, A. GODINO, L. HOLT, A. M. MINIER-TORIBIO, V. KONDEV, T. M. GYLES, E. M. PARISE, H. LI, E. J. NESTLER; Icahn Sch. of Med., New York, NY

 Add Note**☆ Session PSTR133 Decision-Making: Orbitofrontal Cortex**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note**☆ Presentation PSTR133.02 / J32 Decision making in the context of multi-attribute options**

1:00 PM - 5:00 PM

*A. PERKINS¹, E. L. RICH²;¹Nash Dept. of Neuroscience, Lipschultz Ctr. for Cognition, Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Neurosci., Mount Sinai Sch. of Med., New York, NY

Add Note

☆ **Presentation PSTR133.01 / J31 Subregion encoding of decision variables and underlying communication within macaque ventral frontal cortex**

1:00 PM - 5:00 PM

*F. M. STOLL, P. H. RUDEBECK;
Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ **Session PSTR127 Reinforcement, Learning, and Motivation**

1:00 PM - 5:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR127.02 / G28 Brain-wide mechanisms of learning context in non-human primates.**

1:00 PM - 5:00 PM

*A. FUJIMOTO¹, C. ELORETTE¹, S. H. FUJIMOTO¹, B. E. RUSS^{2,1}, P. H. RUDEBECK¹;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Ctr. for Biomed. Imaging and Neuromodulation, Nathan Kline Inst., Orangeburg, NY

Add Note

☆ **Session PSTR130 Motivation**

1:00 PM - 5:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR130.04 / I10 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., Mount Sinai Sch. of Med., New York, NY

Add Note

MONDAY, OCT. 7, 2024

☆ **Session PSTR154 Glial Contributions to Alzheimer's Disease**

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR154.06 / B110 Astrocytic and vascular changes associated with neocortical vulnerability in Alzheimer's disease**

8:00 AM - 12:00 PM

*A. K. MCKENDELL¹, S. MAGALHAES¹, E. MCDONOUGH², L. LOWERY², D. MEYER², J. I. LUEBKE³, P. R. HOF¹, M. VARGHESE¹;
¹Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²GE HealthCare Technol. & Innovation Ctr., Niskayuna, NY; ³Anat. & Neurobio., Boston Univ., Boston, MA

Add Note

☆ **Session PSTR155 Tau: *In Vivo* Models**

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR155.14 / C6 Temporal progression of tau containing filament formation in the hippocampus of a tau-based rhesus monkey model of Alzheimer's pathogenesis: an immunogold ultrastructural study.**

8:00 AM - 12:00 PM

*W. JANSSEN¹, D. BECKMAN², A. SOWA¹, S. OTT², G. B. DINIZ², J. MORRISON²;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²California Natl. Primate Res. Ctr., Univ. of California, Davis, CA

☆ **Session PSTR156 Parkinson's Disease: Cellular Mechanisms** 8:00 AM - 12:00 PM

MCP Hall A

📄 Add Note

☆ **Presentation PSTR156.26 / C48 Striatal cell-type specific disruption of AMPAR dynamics and subunit composition by LRRK2-G2019S.** 8:00 AM - 12:00 PM

*S. GUPTA¹, G. W. HUNTLEY², D. L. BENSON³;

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

📄 Add Note

☆ **Session PSTR178 Anatomy, Physiology, Neurochemistry of the Stress Response** 8:00 AM - 12:00 PM

MCP Hall A

📄 Add Note

☆ **Presentation PSTR178.25 / L4 Resilient Specific Sex-Conserved Transcriptomic Networks in the Nucleus Accumbens Following Chronic Social Defeat Stress in Mice** 8:00 AM - 12:00 PM

*T. GYLES¹, E. M. PARISE¹, L. HOLT², A. M. MINIER-TORIBIO², T. MARKOVIC², L. PARISE², R. DURAND-DE CUTTOLI², A. RAMAKRISHNAN², Y. YIM², C. J. BROWNE², A. GODINO², A. M. CARDONA-ACOSTA³, M. ESTILL², C. A. BOLANOS-GUZMAN⁴, S. J. RUSSO², E. J. NESTLER²;

¹Nash Family Dept. of Neurosci. and Friedman Brain Inst., Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Nash Family Dept. of Neurosci. and Friedman Brain Inst., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Psychological and Brain Sci., ³Texas A&M Univ., College Station, TX

📄 Add Note

☆ **Presentation PSTR178.26 / L5 Transcriptional mechanisms of female stress susceptibility** 8:00 AM - 12:00 PM

*C. A. MCLAIN¹, O. ISSLER², A. CUNNINGHAM¹, M. ESTILL¹, L. HOLT¹, G. ROJAS¹, E. J. NESTLER¹;

¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Grossman Sch. of Med. Neurosci. Inst., NYU Langone Hlth., New York, NY

📄 Add Note

☆ **Presentation PSTR178.30 / L9 Cellular mechanisms underlying parity programming and postpartum stress effects on the maternal brain** 8:00 AM - 12:00 PM

*J. CHAN, G. DI SALVO, S. DUTTA, E. BRINDLEY, I. S. MAZE;

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

📄 Add Note

☆ **Session PSTR184 Mechanisms of Attention** 8:00 AM - 12:00 PM

MCP Hall A

📄 Add Note

☆ **Presentation PSTR184.18 / O21 Cholinergic modulation of frontal sensory cortical projections is associated with post-error attention adjustment** 8:00 AM - 12:00 PM

*T. NISHIOKA¹, A. SERRATELLI⁴, S. ALLEN⁵, K. J. NORMAN⁶, P. MACCARIO², Y. LI⁷, H. MORISHITA³;

¹Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; ²Icahn Sch. of Med. at Mount Sinai, Portland, ME; ³Psychiatry, Neuroscience, Ophthalmology, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Drew Univ., Newton, NJ; ⁵Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁶Neurosci., Icahn Sch. of Med., New York, NY; ⁷Peking Univ., Beijing, China

📄 Add Note

☆ **Presentation PSTR184.19 / O22 Altered history-dependent frontal-visual cortical projection activity underlies visual attention deficits in a mouse model of Fragile X Syndrome.**

8:00 AM - 12:00 PM

*S. J. ALLEN¹, T. NISHIOKA², A. SERRATELLI³, Y. GARKUN⁵, H. MORISHITA⁴;

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

 Add Note

☆ **Session PSTR185 Neural Mechanisms of Decision Making in Rodents**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR185.15 / P10 Sex differences in change-of-mind neuroeconomic decision-making is modulated by LINC00473 in medial prefrontal cortex**

8:00 AM - 12:00 PM

R. DURAND-DE CUTTOLI¹, O. ISSLER³, S. J. RUSSO⁴, *E. NESTLER⁵, B. M. SWEIS²;

¹Neurosci., ²Psychiatry, Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Neurosci. Inst., NYU Langone, New York, NY; ⁴Neurosci., ⁵Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **Session PSTR194 Schizophrenia Pathophysiology and Mechanisms**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR194.05 / X31 Cell specific transcriptome & 3D genome profiling in ventral midbrain in subjects with Schizophrenia and Bipolar Disorder**

8:00 AM - 12:00 PM

S. SINGH¹, *V. EVANS², S. MARENCO³, P. AULUCK⁴, P. ROUSSOS², S. AKBARIAN²;

²Psychiatry, ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Human Brain Collection Core, ³Natl. Institute of Mental Hlth., Bethesda, MD

 Add Note

☆ **Session PSTR183 Neural Circuits in Motivation and Mood; Genetic and Environmental Factors.**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR183.09 / N22 Ensembles encoding drug memories in the nucleus accumbens and basolateral amygdala mediate drug-seeking after chronic stress**

8:00 AM - 12:00 PM

*A. R. LABANCA¹, R. FUTAMURA², A. M. MINIER-TORIBIO³, T. MARKOVIC⁵, V. KONDEV⁴, A. GODINO³, E. M. PARISE⁶, L. HOLT⁸, Y. YIM³, C. J. BROWNE², M. SALERY⁹, E. J. NESTLER⁷;

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; ⁶Nash Family Department of Neurosci., ⁷Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; ⁸Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ⁹Nash Family Dept. of Neurosci. & Friedman Brain Inst., Mount Sinai, New York, NY

 Add Note

☆ **Presentation PSTR183.10 / N23 Sex- and Withdrawal-Dependent Proteomic Changes in Nucleus Accumbens and Prefrontal Cortex: Insights into Synaptic Adaptations in Substance Use Disorders**

8:00 AM - 12:00 PM

*Y. YIM¹, R. FUTAMURA², A. GODINO³, T. T. LAM⁴, A. LABANCA⁵, T. MARKOVIC⁶, C. AZIZIAN⁷, L. HOLT⁸, V. KONDEV¹, A. M. MINIER-TORIBIO³, E. J. NESTLER⁹;

Neurosci., ⁴Nash Family Dept. of Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Yale NDA Neuroproteomics Ctr., New Haven, CT; ⁵Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁶Neurosci., Icahn Sch. of Med., New York, NY; ⁷Icahn Sch. of Med. Mount Sinai, Queens, NY; ⁸Neurosci. Dept., Mount Sinai Sch. of Med., New York, NY; ⁹Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ Session PSTR201 Animal Models of Developmental Disorders

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR201.04 / A18 Sex-specific perturbations of neuronal development caused by mutations in the autism risk gene DDX3X

1:00 PM - 5:00 PM

*A. MOSSA¹, L. DIERDORFF¹, J. LUKIN¹, Y. PARK¹, C. FIORENZANI², Z. AKPINAR³, M. GARCIA-FORN¹, S. DE RUBEIS¹;
¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Univ. of Bologna, Bologna, Italy; ³Harvard Sch. of Dent. Med., Boston, MA

 Add Note

☆ Session PSTR202 Structural, Physiological and Behavior Defects in Autism

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR202.17 / A43 Autism as a Disorder of Synchronization of the Central and the Autonomic Nervous Systems

1:00 PM - 5:00 PM

*S. BEKER¹, T. VANNEAU², S. MOLHOLM²;
¹Icahn Sch. of Med. at Mount Sinai Dept. of Psychiatry, New York, NY; ²Pediatrics, Albert Einstein Col. of Med., New York, NY

 Add Note

☆ Session PSTR200 Methods for Improving Differentiation and Reprogramming of Pluripotent Stem Cells

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR200.13 / A12 Exploring the Neurodevelopmental Consequences of POU4F1 Haploinsufficiency in Human Cellular Models

1:00 PM - 5:00 PM

*R. HU¹, S. MARRO²;
¹Icahn Sch. of medicine at mount sinai, New York City, NY; ²Icahn Sch. of medicine at mount sinai, New York, NY

 Add Note

☆ Session PSTR204 Glutamate Receptor Function and Role in Disorders

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR204.12 / B1 Investigating NMDA-R dependent neuronal activity in human NGN2 induced glutamate neurons

1:00 PM - 5:00 PM

*A. TENGOLICS¹, I. GAMEIRO-ROS¹, I. PRYTKOVA^{2,1}, K. JACOBS¹, Z.-P. PANG³, R. P. HART⁴, A. M. GOATE², P. A. SLESINGER¹;
¹Dept. of Neurosci., ²Dept. of Genet. and Genomic Sci., Icahn Sch. of Med. At Mount Sinai, New York, NY; ³Child Hlth. Inst. of New Jersey, Rutgers Univ., New Brunswick, NJ; ⁴Cell Biol. & Neurosci., Rutgers, The State Univ. of New Jersey, Piscataway, NJ

 Add Note

☆ Session PSTR210 Parkinson's Disease: LRRK2 and Mitochondrial Mechanisms, Targets, and Pathways

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR210.03 / C2 Identifying the association between melanoma and Parkinson's

1:00 PM - 5:00 PM

*P. DEL VALLE^{1,2}, J. BRAVO-CORDERO^{3,4,5}, D. L. BENSON¹;¹Dept. of Neurosci., ²Grad. Sch. of Biomed. Sci., ³Dept. of Med., ⁴Div. of Hematology and Oncology, ⁵The Tisch Cancer Inst., Icahn Sch. of Med. At Mount Sinai, New York, NY
 Add Note

☆ Session PSTR229 Neuromodulation of Neuronal and Synaptic Properties

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR229.05 / I1 Convergent excitatory effects of small cardioactive peptide on a feeding central pattern generator interneuron may induce a form of arousal that can be maintained during task switching in the mollusk Aplysia

1:00 PM - 5:00 PM

*C. EVANS¹, C. REAVER¹, M. BARRY¹, M. PERKINS¹, J. JING², E. C. CROPPER¹;¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Nanjing Univ., Jiangsu, China
 Add Note

☆ Session PSTR242 The Genetics of Addiction

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR242.12 / O14 Genome-wide association study of aversive influences on cocaine-seeking and food-seeking

1:00 PM - 5:00 PM

M. EID¹, T. MISSFELDT SANCHES², A. S. CHITRE³, A. A. PALMER⁴, *T. JHOU⁵;¹Icahn Sch. of Med. at Mt Sinai, New York, NY; ²Univ. of California San Diego, san diego, CA; ³Dept. of Psychiatry, Univ. of California San Diego, La Jolla, CA; ⁴Psychiatry, UCSD, La Jolla, CA; ⁵Neurobio., Univ. of Maryland Sch. of Med. Program In Neurosci., Baltimore, MD
 Add Note

☆ Presentation PSTR242.14 / O16 Elucidating Transcriptional Mechanisms of Addiction: Cocaine- and Stress-induced Immediate Early Gene interactions

1:00 PM - 5:00 PM

B. W. HUGHES¹, E. P. CHEN², M. S. ESTILL³, E. J. NESTLER⁴;¹Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, SC; ²Nash Family Dept. of Neurosci., ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY
 Add Note

☆ Session LBA006 Theme F Late-Breaking Posters

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation LBA006.021 / LBA19 Neutrophil elastase promotes stress-susceptibility and is modulated by fluoxetine treatment

1:00 PM - 5:00 PM

*A. TAVALLAEI¹, L. F. PARISE², K. CHAN², F. CATHOMAS², R. DURAND-DE CUTTOLI², A. V. AUBRY², J. ALVAREZ², T. DRESCHER², R. L. FISHER-FOYE², L. LI², H.-Y. LIN², S. J. RUSSO²;²Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ **Presentation LBA006.071 / LBA67 Weight-loss effects of loxapine in mc4r-deficiency based obesity via hypothalamic bdnf/trkb signaling**

1:00 PM - 5:00 PM

*C. KINNEY¹, A. ZHAO¹, E. TSAO¹, J. HAN²;¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Mount Sinai Hosp., New York, NY

Add Note

TUESDAY, OCT. 8, 2024

☆ **Session PSTR270 Peripheral Nerve Glia, Nerves, and Neuropathy**

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR270.12 / C22 Plexin-b1 mediated schwann cell mobilization and alignment enhance regeneration and functional recovery in the peripheral nervous**

8:00 AM - 12:00 PM

*J. LI, H. NI, D. HALAWANI, R. H. FRIEDEL, H. ZOU;

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

Add Note

☆ **Session PSTR304 Circuits and Neural Mechanisms of Social Cognition II**

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR304.03 / T7 Neuron population in anterior cingulate cortex gyrus dissociate informative from uninformative social cues**

8:00 AM - 12:00 PM

*J. SIMON, IV¹, E. L. RICH²;¹Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Neurosci., Mount Sinai Sch. of Med., New York, NY

Add Note

☆ **Session PSTR295 Avoidance and Other Defensive Behaviors**

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ **Presentation PSTR295.07 / L33 Sexually divergent traits in approach/avoidance biases transmute the psychedelic experience**

8:00 AM - 12:00 PM

*G. ROJAS¹, T. MARKOVIC², A. M. MINIER-TORIBIO², A. GODINO², F. J. MARTINEZ-RIVERA³, E. J. NESTLER⁴;²Nash Family Dept. of Neurosci. and Friedman Brain Inst., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Univ. of Florida, Gainesville, FL; ⁴Nash Family Dept. of Neurosci. and Friedman Brain Inst., Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ **Session LBA007 Theme G Late-Breaking Posters**

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ **Presentation LBA007.057 / LBA56 Intraoperative biomarker of non-response in patients with severe obsessive-compulsive**

8:00 AM - 12:00 PM

disorder undergoing deep brain stimulation

Z. IMTIAZ¹, S. H. OLSON¹, H. S. MAYBERG⁴, K. CHOI², B. H. KOPELL¹, M. H. FIGEE¹, *A. H. SMITH³;
²Radiology / Neurosurg., ³Psychiatry, ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Ctr. for Advanced Circuit Therapeut.,
 Mount Sinai, New York, NY

 Add Note

☆ **Session PSTR337 Spinal Cord Injury: Cellular and Molecular Mechanisms I**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR337.18 / D19 Plexin-b1 mediates astrocyte mobilization to facilitate functional recovery after spinal cord injury**

1:00 PM - 5:00 PM

*H. NI¹, R. H. FRIEDEL², H. ZOU³;

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

³Neurosci., Icahn Sch. of Med. at Mount Sinai, new york, NY

 Add Note

☆ **Session PSTR374 Human Connectomics**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR374.15 / Z13 High resolution mapping of small fascicles within the human cervical vagus nerve for guidance and refinement of neural interfaces and protocols for vagus nerve stimulation**

1:00 PM - 5:00 PM

*N. BISCOLA¹, P. BARTMEYER¹, Y. BESHAY³, P. MIHAYLOV⁶, T. POWLEY⁴, M. P. WARD⁵, L. A. HAVTON²;

²Dept. of Neurol., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Weldon Sch. of Biomed. Engin., ⁴Psychological Sci.,

⁵Biomed. Engin., Purdue Univ., West Lafayette, IN; ⁶Surgery, Indiana Univ. Sch. of Med., Indianapolis, IN

 Add Note

☆ **Session PSTR322 LTP and LTP: Circuit Plasticity Mechanisms**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR322.15 / B19 Axonal Plasticity in Fear-Learning**

1:00 PM - 5:00 PM

*T. A. MATOS¹, A. MENDEZ¹, J. TETENMAN^{4,5}, K. GOOSENS², J. L. ABLES³;

¹Neurosci. & Psychiatry, ²Neurosci., ³Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴; ⁵Univ. of Washington St.

Louis, St. Louis, MO

 Add Note

☆ **Session PSTR324 Astrocytes and Disease Mechanisms**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR324.05 / B53 Astrocytic CREB modulates transcriptomic, neuronal, and behavioral responses to cocaine**

1:00 PM - 5:00 PM

*L. M. HOLT¹, A. M. MINIER-TORIBIO², C. J. BROWNE², F. MARTINEZ-RIVERA², T. MARKOVIC², T. M. GYLES², E. M. PARISE², C. AZIZIAN², M. ESTILL², E. J. NESTLER²;

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

 Add Note

☆ **Session PSTR335 Neuroinflammation: HIV and Infections**

1:00 PM - 5:00 PM

 Add Note

☆ **Presentation PSTR335.10 / C123 Independent and synergistic transcriptional impacts of opioid/cocaine substance use disorder and HIV on human ventral midbrain cell types: a cohort study at the Manhattan HIV Brain Bank** 1:00 PM - 5:00 PM

*A. WILSON^{1,2}, M. M. JACOBS¹, T. Y. LAMBERT², A. VALADA^{6,2}, G. MELONI¹, E. GILMORE¹, J. MURRAY¹, S. AKBARIAN^{2,3,4}, S. MORGELLO^{1,3,5};

¹Neurol., ²Psychiatry, ³Neurosci., ⁴Genet. and Genomic Sci., ⁵Pathology, Mol. and Cell-Based Med., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Albert Einstein Col. of Med., Bronx, NY

 Add Note

☆ **Session PSTR353 Stress and Neuroimmunology** 1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR353.12 / K20 Chemokine receptor 5 signaling in PFC mediates stress susceptibility in female mice** 1:00 PM - 5:00 PM

*H.-Y. LIN^{1,2}, F. CATHOMAS², L. LI², R. DURAND-DE CUTTOLI², K. CHAN², L. F. PARISE², C. YUAN³, A. V. AUBRY², J. ALVAREZ², R. FISHER², S. J. RUSSO², J. WANG^{4,3};

¹Icahn Sch. of Med. at Mount Sinai, Astoria, NY; ²Dept. of Neurosci., ³Neurol., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Neurol., James J Peters VAMC, Bronx, NY

 Add Note

☆ **Presentation PSTR353.13 / K21 Chronic stress promotes peripheral immune interactions at the brain endothelium** 1:00 PM - 5:00 PM

*J. ALVAREZ¹, F. CATHOMAS², H.-Y. LIN², K. CHAN², L. F. PARISE², 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 PSTR353.14 / K22 Stress-activated brain-gut circuits disrupt intestinal barrier integrity and social behavior** 1:00 PM - 5:00 PM

*K. CHAN¹, L. LI³, L. F. PARISE⁶, F. CATHOMAS¹, K. B. LECLAIR⁴, Y. SHIMO⁵, H.-Y. LIN², R. DURAND-DE CUTTOLI², A. V. AUBRY⁷, J. ALVAREZ⁸, T. DRESCHER⁹, R. L. FISHER-FOYE⁸, A. OSMAN¹⁰, M. P. KASTER¹¹, J. WANG¹², S. J. RUSSO¹³;

²Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Dept. of Neurosci., ⁴Neurosci., ⁵Icahn Sch. of Med. At Mount Sinai, New York, NY; ⁶Neurosci., Icahn Sch. of Med. at Mt.Sinai, New York, NY; ⁷Icahn Sch. of Med., New York, NY; ⁸Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁹Psychiatry, Ichan Sch. of Med. at Mount Sinai, New York, NY; ¹⁰Biochem., Federal Univ. of Santa Catarina, Florianopolis, Brazil; ¹¹Neurol., James J Peters VAMC, Bronx, NY; ¹²Neurosci., Icahn school of medicine at mount sinai, New York, NY

 Add Note

☆ **Presentation PSTR353.15 / K23 Neurobiological underpinnings of stress-induced social reward deficits** 1:00 PM - 5:00 PM

*R. L. FISHER-FOYE¹, R. DURAND-DE CUTTOLI², L. LI², A. V. AUBRY², H.-Y. LIN², M. CAROLE³, D. T. LEWIS-SANDERS¹, L. F. PARISE², H. OH², J. ALVAREZ¹, 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; ³Neurosci., Icahn Sch. of Med., New York, NY

 Add Note

☆ **Presentation PSTR353.16 / K24 Involvement of the projections from lateral habenula to RVM in the social defeat stress-induced behavioral impairments** 1:00 PM - 5:00 PM

*M. PAGLIUSI, Jr.^{1,3}, R. DURAND-DE CUTTOLI³, J. ALVAREZ⁴, R. L. FISHER-FOYE⁴, H. OH³, H.-Y. LIN³, F. V. GOMES², S. J. RUSSO³;

¹Univ. of São Paulo, Ribeirão Preto, Brazil; ²Pharmacol., Univ. of São Paulo, Ribeirão Preto, Brazil; ³Neurosci., 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

 Add Note

☆ Session PSTR358 Motivated Behavior: Pharmacology and Circuits

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR358.14 / N12 Activation of cholinergic interneurons in the nucleus accumbens during reward consumption is altered by diabetes

1:00 PM - 5:00 PM

*S. O. BROWN¹, R. DURAND-DE CUTTOLI², N. RICE⁴, J. L. ABLES³;²Neurosci., ³Psychiatry, 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. Add Note

☆ Session PSTR359 Motivation: Social Communication and Behavior I

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR359.08 / N33 A critical role for cortical amygdala circuitry in shaping social encounters

1:00 PM - 5:00 PM

*A. AUBRY¹, R. DURAND-DE CUTTOLI¹, E. KARPMAN², L. F. PARISE³, K. CHAN⁴, H.-Y. LIN⁵, J. ALVAREZ⁶, S. J. RUSSO⁷;¹Icahn Sch. of Med., New York, NY; ²Mount Sinai Sch. of Med., New York, NY; ³Neurosci., Icahn Sch. of Med. at Mt.Sinai, New York, NY; ⁴Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Neurosci., Icahn Sch. of Med. at Mount Sinai, Astoria, NY;⁶Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁷Neurosci., Icahn school of medicine at mount sinai, New York, NY Add Note

☆ Session PSTR360 Animal Models of Therapeutics

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR360.15 / O19 Deep brain stimulation induces white matter remodeling and functional changes to brain-wide networks

1:00 PM - 5:00 PM

*S. H. FUJIMOTO¹, A. FUJIMOTO², C. ELORETTE³, A. SELTZER³, E. ANDRAKA³, W. G. JANSSEN⁴, D. FOLLONI⁴, K. CHOI⁵, B. E. RUSS⁶, H. S. MAYBERG⁷, P. H. RUDEBECK¹;¹Icahn Sch. of Med. At Mount Sinai, New York, NY; ²Dept. of Neurosci., ⁴Neurosci., ⁵Radiology / Neurosurg., ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Ctr. for Biomed. Imaging and Neuromodulation, Nathan Kline Inst., Orangeburg, NY; ⁷Ctr. for Advanced Circuit Therapeut., Mount Sinai, New York, NY Add Note

☆ Session PSTR362 Opioids: Cell Signaling, Circuitry, and Neurophysiology

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ Presentation PSTR362.25 / R2 Transcriptional effects of fentanyl versus morphine exposure and withdrawal in reward-associated regions of the brain

1:00 PM - 5:00 PM

*E. KAHN¹, V. KONDEV³, Y. YIM⁴, C. BLASCHKE², C. A. MCLAIN⁵, E. J. NESTLER⁶;¹Nash Family Dept. of Neurosci., ²Icahn Sch. of Med., New York, NY; ⁴Nash Family Dept. of Neurosci., ⁵Nash Family Dept. of Neurosci. and Friedman Brain Inst., ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY Add Note

☆ **Session LBA009 Theme I Late-Breaking Posters**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note☆ **Presentation LBA009.030 / LBA30 Decoding prospective vs. retrospective hippocampal representations of economic choice during deliberative vs. re-evaluative decisions using calcium imaging**

1:00 PM - 5:00 PM

*E. ANDRAKA¹, R. DURAND-DE CUTTOLI², B. M. SWEIS³;
²Neurosci., ³Psychiatry, Neurosci., ¹Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note☆ **Session NOA16 The Advocacy Forum: From Awareness to Action: The Role of Advocacy in Advancing Addiction Research and Policies**

2:00 PM - 3:30 PM

MCP Room N229

 Add Note☆ **Presentation NOA16 Speaker**

2:00 PM - 3:30 PM

E. J. Nestler;
 Icahn School of Medicine at Mount Sinai, New York, NY.

 Add Note**WEDNESDAY, OCT. 9, 2024**☆ **Session PSTR405 Visual Cortical Circuits and Modulatory Mechanisms I**

8:00 AM - 12:00 PM

MCP Hall A

 Add Note☆ **Presentation PSTR405.03 / G28 Locomotion-induced enhancement of visual response is mediated by nicotinic activation of deep layer Somatostatin interneurons in mouse visual cortex**

8:00 AM - 12:00 PM

*T.-J. CHEN¹, J. S. RICEBERG², Y. GARKUN³, K. YOSHITAKE³, T. NISHIOKA³, T. MANKOUSKAYA³, M. SADAHIRO⁵, H. MORISHITA⁴;
¹Icahn medical school at Mount Sinai, New York, NY; ²Neurosci., Mount Sinai & Albany Med. Col., New York, NY; ⁴Psychiatry, Neuroscience, Ophthalmology, ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Dept. of Mol. and Cell Biol., Univ. of California, Berkeley, CA

 Add Note☆ **Session NANO55 Neural Bases of Human Social Cognition and Connection**

8:00 AM - 11:00 AM

MCP Room N227

 Add Note☆ **Presentation NANO55 Chair**

8:00 AM - 11:00 AM

P. Jain;
 Psychiatry, Mount Sinai School of Medicine, New York, NY.

 Add Note

☆ Presentation NANO55.01 Social interactions are tracked by hippocampal theta oscillations

8:00 AM - 8:15 AM

*P. JAIN¹, S. E. QASIM², I. SAEZ⁴, D. SCHILLER³;¹Psychiatry, Mount Sinai Sch. of Med., New York, NY; ²Psychiatry, ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁴Mount Sinai, New York, NY

Add Note

☆ Presentation NANO55.07 The Social Navigation Task as a window into real-world social function

9:30 AM - 9:45 AM

*M. SCHAFER¹, D. SCHILLER²;¹Columbia Univ., NYC, NY; ²Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ Session PSTR416 Neural Mechanisms of Emotional and Social Experience Across Species

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ Presentation PSTR416.16 / M20 Developing a Neuroeconomically Informed and Biologically Constrained Regret Inventory

8:00 AM - 12:00 PM

R. DURAND-DE CUTTOLI¹, A. FINK⁵, A. BAGGETTA⁵, G. CORICELLI⁶, H. S. MAYBERG⁷, *A. D. REDISH⁸, J. MURROUGH⁹, X. GU², I. SAEZ⁷, L. MORRIS³, J. DEPIERRO³, B. M. SWEIS⁴;¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Dept. of Psychiatry, ⁴Psychiatry, Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁵Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁶USC, Los Angeles, CA; ⁷Mount Sinai, New York, NY; ⁸Neurosci., Univ. of Minnesota, Minneapolis, MN; ⁹Icahn Sch. of Med. At Mount Sinai, New York, NY.

Add Note

☆ Presentation PSTR416.17 / M22 Diabetes alters neuroeconomically dissociable forms of mental accounting II: The effects of meal devaluation and insulin treatment on foraging behavior

8:00 AM - 12:00 PM

C. A. NWAKAMA¹, R. DURAND-DE CUTTOLI², S. O. BROWN², A. MENDEZ³, M. JODEIRI FARSHBAF⁴, *J. L. ABLES⁵, B. M. SWEIS⁶;¹Med. Scientist Training Program, 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; ⁴Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York City, NY; ⁵Psychiatry, ⁶Psychiatry, Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ Presentation PSTR416.18 / M23 Diabetes alters neuroeconomically dissociable forms of mental accounting I: The effects of fed vs. fasted state on decision-making behavior

8:00 AM - 12:00 PM

*C. NWAKAMA¹, R. DURAND-DE CUTTOLI², S. O. BROWN², A. MENDEZ³, M. JODEIRI FARSHBAF⁶, J. L. ABLES⁴, B. M. SWEIS⁵;¹Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., ⁴Psychiatry, ⁵Psychiatry, Neurosci., ³Icahn Sch. of Med. at Mount Sinai, New York, NY; ⁶Psychiatry, Icahn Sch. of Med. At Mount Sinai, New York City, NY

Add Note

☆ Presentation PSTR416.19 / M24 Ketamine reverses hypersensitivity to sunk costs in a mouse model of depression

8:00 AM - 12:00 PM

R. DURAND-DE CUTTOLI¹, *B. SWEIS²;¹Neurosci., ²Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ Session PSTR428 Systems Biology and Multiomics Approaches

8:00 AM - 12:00 PM

MCP Hall A

Add Note

☆ Presentation PSTR428.16 / W36 Dysregulation of Musicality Genes in Alzheimer's Disease

8:00 AM - 12:00 PM

P. ZHANG^{1,2}, G. YU³, A. THORPE³, M. WANG⁴, *B. ZHANG³;¹Special Music Sch., New York, NY; ²Precollege, The Juilliard Sch., New York, NY; ⁴Genet. and Genomic Sci., ³Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ Session NANO60 Spinal Cord Injury: From Transplantation to Recovery

1:00 PM - 3:15 PM

MCP Room S404

Add Note

☆ Presentation NANO60.09 Targeted-delivery of nanomedicine-enabled methylprednisolone to injured spinal cord promotes neuroprotection and functional recovery and mitigates adverse effects after acute spinal cord injury in rats

3:00 PM - 3:15 PM

*W. QIN¹, W. ZHAO²;¹Icahn Sch. of Med. at Mount Sinai, Bronx, NY; ²James J Peters VA Med. Ctr., Bronx, NY

Add Note

☆ Session PSTR442 Circuit Mechanisms of Oscillations and Synchrony

1:00 PM - 5:00 PM

MCP Hall A

Add Note

☆ Presentation PSTR442.09 / B130 Parvalbumin-expressing inhibitory theta phase locking in the healthy and epileptic hippocampus impacts seizure susceptibility

1:00 PM - 5:00 PM

*Z. CHRISTENSON WICK¹, P. A. PHILIPSBERG¹, C. KOHLER², S. I. LAMSIFER³, E. KATANOV⁴, Y. FENG⁶, L. M. VETERE¹, D. J. CAI⁵, T. SHUMAN⁷;¹Icahn Sch. of Med. at Mount Sinai, New York, NY; ³Nash Family Dept. of Neurosci., ²Mount Sinai Sch. of Med., New York, NY;⁴Neurosciences, Mount Sinai, Queens Village, NY; ⁵Mount Sinai, New York, NY; ⁶Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ⁷Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ Session PSTR480 Fear and Threat Representations

1:00 PM - 5:00 PM

MCP Hall A

Add Note

☆ Presentation PSTR480.11 / P7 The organization of single-neuron projections from basolateral amygdala neurons to temporal lobe and subcortical structures in macaque

1:00 PM - 5:00 PM

*K. CRAWFORD¹, Z. R. ZEISLER², M. A. ELDRIDGE³, E. A. MURRAY⁴, P. H. RUDEBECK²;¹Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; ²Icahn Sch. of Med. At Mount Sinai, New York, NY; ³Lab. of Neuropsychology, NIMH, Bethesda, MD; ⁴Lab. of Neuropsychology, NIMH, NIH, BETHESDA, MD

Add Note

☆ Session NANO61 Stress and the Brain: From Pregnancy to Adulthood

1:00 PM - 2:15 PM

MCP Room S401

Add Note

☆ Presentation NANO61 Chair

1:00 PM - 2:15 PM

J. Chan;

 Add Note

☆ **Presentation NANO61.02 Cell Type-Specific Roles of H3 Serotonylation in Postnatal Neurodevelopment**

1:15 PM - 1:30 PM

*A. CUNNINGHAM¹, J. CHAN², E. BRINDLEY², L. HOLT², L. SHEN², E. J. NESTLER², I. S. MAZE²;
¹Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; ²Neurosci., Mount Sinai Sch. of Med., New York, NY

 Add Note

☆ **Presentation NANO61.03 Sustained antidepressant effects of ketamine metabolite entail GABAergic inhibition-mediated molecular dynamics in aPVT**

1:30 PM - 1:45 PM

A. KAWATAKE-KUNO^{1,2}, H. LI², H. INABA², M. HIKOSAKA², T. UEKI³, H. MORISHITA¹, G. OHTSUKI², *S. UCHIDA^{3,2};
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 Add Note

☆ **Session NANO64 Mechanisms of Working Memory and Cognitive Control in Prefrontal Circuits**

1:00 PM - 3:15 PM

MCP Room N228

 Add Note

☆ **Presentation NANO64.05 Representational gradients of mnemonic chunking in primate lateral prefrontal cortex**

2:00 PM - 2:15 PM

*F.-K. CHIANG, E. L. RICH;
 Neurosci., Icahn Sch. Med. Mt Sinai, New York, NY

 Add Note

☆ **Session PSTR488 Computational Approaches to Neurocognition**

1:00 PM - 5:00 PM

MCP Hall A

 Add Note

☆ **Presentation PSTR488.21 / W26 Dynamic self-efficacy updating leads to optimistic overgeneralization**

1:00 PM - 5:00 PM

*J. LI¹, A. RADULESCU²;
¹Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., NEW YORK, NY; ²Icahn Sch. of Med. at Mount Sinai, Brooklyn, NY

 Add Note