

## My Itinerary

**SATURDAY, NOV. 12, 2022**

☆ **032. Cellular Studies of Dopamine Neurons**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **034. Physiological Synaptic Transmission and Modulation**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **062. Neural Mechanisms of Stress Responsivity and Related Behaviors**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **063. Neuroinflammation and Neuroimmunology in Stress**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **067. Animal Models of Relevance to Psychiatric Illness and Treatment I**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **088. Computational Tools and Methods for Electrophysiology Experiments**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **032. Cellular Studies of Dopamine Neurons**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 032.06 Single-cell transcriptomic atlas of the human substantia nigra in Parkinson's disease**

1:00 PM - 5:00 PM

\*M. LIANG;  
Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY

☆ **034. Physiological Synaptic Transmission and Modulation**

1:00 PM - 5:00 PM

SDCC Halls B-H

📖 Add Note

☆ **Presentation 034.07 Nicotine modulates septal projections to medial habenula**

1:00 PM - 5:00 PM

M. ISHIKAWA, G. VOREN, V. MATHIS, M. SHIN, P. J. KENNY;  
Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

📖 Add Note

☆ **062. Neural Mechanisms of Stress Responsivity and Related Behaviors**

1:00 PM - 5:00 PM

SDCC Halls B-H

📖 Add Note

☆ **Presentation 062.25 Crf neurons establish resilience via stress-history-dependent modulation**

1:00 PM - 5:00 PM

\*S. HAYNES<sup>1</sup>, H.-S. SEONG<sup>4</sup>, A. LACAGNINA<sup>2</sup>, M. AFZAL<sup>1</sup>, C. MOREL<sup>1</sup>, K. RAJAN<sup>5</sup>, R. L. CLEM<sup>6</sup>, L. J. YOUNG<sup>7</sup>, M.-H. HAN<sup>3</sup>;  
<sup>2</sup>Neurosci., <sup>3</sup>Mental Hlth. and Publ. Hlth., <sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>4</sup>USC, Los Angeles, CA; <sup>5</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>6</sup>Neurosci., Mount Sinai Sch. of Med., New York, NY; <sup>7</sup>Ctr. for Translational Social Neurosci., Emory Univ., Decatur, GA

📖 Add Note

☆ **063. Neuroinflammation and Neuroimmunology in Stress**

1:00 PM - 5:00 PM

SDCC Halls B-H

📖 Add Note

☆ **Presentation 063.13 Neutrophil elastase mediates alcohol induced stress susceptibility in adult male mice**

1:00 PM - 5:00 PM

\*L. PARISE<sup>1</sup>, F. CATHOMAS<sup>3</sup>, K. L. CHAN<sup>2</sup>, L. LI<sup>4</sup>, H.-Y. LIN<sup>2</sup>, R. DURAND-DE CUTTOLI<sup>5</sup>, A. V. AUBRY<sup>6</sup>, S. J. RUSSO<sup>7</sup>;  
<sup>1</sup>Mt.Sinai Sch. of Med., New York, NY; <sup>2</sup>Mt.Sinai Sch. of Med., new york, NY; <sup>3</sup>Icahn school of medicine at mount sinai, new york, NY; <sup>4</sup>Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>5</sup>Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>6</sup>Icahn Sch. of Med., Astoria, NY; <sup>7</sup>Neurosci., icahn school of medicine at mount sinai, New York, NY

📖 Add Note

☆ **067. Animal Models of Relevance to Psychiatric Illness and Treatment I**

1:00 PM - 5:00 PM

SDCC Halls B-H

📖 Add Note

☆ **Presentation 067.24 Early and sustained vulnerability to variable stress in mice carrying a Parkinson's disease-linked Lrrk2<sup>G2019S</sup> mutation**

1:00 PM - 5:00 PM

\*C. A. GUEVARA, K. ALLOO, R. THOMAS, K. BLAKE, N. MEMAN, A. TIELEMANS, D. L. BENSON, G. W. HUNTLEY;  
Nash Family Dept. of Neurosci., The Friedman Brain Institute, Grad. Sch. of Biomed. Sciences, Icahn Sch. of Med. at Mount Sinai, New York, NY

📖 Add Note

☆ **088. Computational Tools and Methods for Electrophysiology Experiments**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 088.02 Study using Python/Excell and chronobiosymmetry of exotic states between sleep and activation: sleep spindles, alpha activity and dendritic Ca<sup>2+</sup> in aging and Alzheimer's disease**

1:00 PM - 5:00 PM

\*J. F. GOMEZ-MOLINA;

Independent Activities of Neuro-science/Engineering and Philosophy IAN(S,E,P), Medellin, Colombia

 Add Note

☆ **Presentation 088.14 Decoding Human Reward Choices from Intracranial Readings**

1:00 PM - 5:00 PM

\*L. PETERS<sup>1</sup>, J. OVERTON<sup>1,2</sup>, M. STICKLE<sup>4,1</sup>, K. MOXON<sup>1</sup>, I. SAEZ<sup>3</sup>;<sup>1</sup>Univ. Of California Davis, Davis, CA; <sup>2</sup>Mount Sinai, New York, NY; <sup>3</sup>Mount Sinai, New York, CA; <sup>4</sup>Univ. Of California San Diego, San Diego, CA Add Note**SUNDAY, NOV. 13, 2022**

☆ **106. Novel Tools for Understanding Neuronal Signaling, Activity, and Gene Expression**

8:00 AM - 10:15 AM

SDCC 25

 Add Note

☆ **104. Emotional State Influences on Brain Function**

8:00 AM - 11:00 AM

SDCC 24

 Add Note

☆ **115. Neural Plasticity**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **119. Alzheimer's Disease Clinical and Preclinical Studies**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **126. Spinal Cord Injury: Stimulation, Training, and Recovery**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **132. Object Coding and Scene Perception**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **137. Rhythmic Motor Pattern Generation: Connectivity**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **140. Cellular Actions of Stress**

8:00 AM - 12:00 PM

SDCC Halls B-H  
 Add Note☆ **145. Neural Circuits and Encoding of Emotional Behaviors** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **146. Behavioral Phenotypes and Neural Mechanisms of Relevance to Psychiatric Illness** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **151. Nicotine: Neural Mechanisms** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **159. Human Cognition and Imaging: Learning Mechanisms** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **115. Neural Plasticity** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 115.13 Role for histone serotonylation in regulating neurodevelopment** 8:00 AM - 12:00 PM\*J. CHAN<sup>1</sup>, M. CHEN<sup>1</sup>, E. BALJINNYAM<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, L. SHEN<sup>1</sup>, M. BEDFORD<sup>2</sup>, S. MARRO<sup>1</sup>, H. LI<sup>3</sup>, I. MAZE<sup>1</sup>;  
<sup>1</sup>Mount Sinai Sch. of Med., New York, NY; <sup>2</sup>The Univ. of Texas MD Anderson Cancer Ctr., Houston, TX; <sup>3</sup>Tsinghua Univ., Beijing, China Add Note☆ **Presentation 115.14 The long-term effects of reproductive experience on the maternal brain** 8:00 AM - 12:00 PM\*G. DI SALVO<sup>1,2</sup>, J. CHAN<sup>1</sup>, A. CUNNINGHAM<sup>1</sup>, I. S. MAZE<sup>1,3</sup>;  
<sup>1</sup>Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>Maastricht Univ., Maastricht, Netherlands; <sup>3</sup>Howard Hughes Med. Inst., New York, NY Add Note☆ **Presentation 115.15 Histone serotonylation: a novel regulator of stress-induced neuroplasticity** 8:00 AM - 12:00 PM\*A. AL-KACHAK<sup>1</sup>, S. L. FULTON<sup>1</sup>, L. FARRELLY<sup>1</sup>, R. M. BASTLE<sup>1</sup>, A. LEPACK<sup>1</sup>, F. CATHOMAS<sup>1</sup>, E. L. NEWMAN<sup>2</sup>, H. E. COVINGTON, III<sup>3</sup>, C. MENARD<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, Y. LYU<sup>1</sup>, S. J. RUSSO<sup>1</sup>, L. SHEN<sup>1</sup>, I. S. MAZE<sup>1</sup>;  
<sup>1</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>Tufts Univ., Somerville, MA; <sup>3</sup>Psychology, Tufts Univ., Medford, MA Add Note☆ **Presentation 115.16 Identification of N-ribosyldihydronicotinamide: quinone reductase 2 (NQO2) as a novel reader of histone H3 serotonylation that contributes to neural gene expression** 8:00 AM - 12:00 PM\*M. CHEN<sup>1</sup>, I. MAZE<sup>1</sup>, H. LI<sup>2</sup>;  
<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Tsinghua Univ., Beijing, China Add Note

☆ **137. Rhythmic Motor Pattern Generation: Connectivity**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 137.13 Multiple modes of feeding in the mollusc Aplysia**

8:00 AM - 12:00 PM

\*C. G. EVANS<sup>1</sup>, C. N. REAVER<sup>1</sup>, M. A. BARRY<sup>1</sup>, M. H. PERKINS<sup>1</sup>, J. JING<sup>1,2</sup>, K. R. WEISS<sup>1</sup>, E. C. CROPPER<sup>1</sup>;<sup>1</sup>Icahn Sch. of Med. at Mt. Sinai, Icahn Sch. of Med. at Mount Sinai, One Gustave Levy Place, New York, NY; <sup>2</sup>Nanjing Univ., Nanjing, China Add Note☆ **Presentation 137.16 Peptide induced motor programs in the feeding network of the mollusc Aplysia**

8:00 AM - 12:00 PM

\*C. N. REAVER<sup>1</sup>, C. G. EVANS<sup>1</sup>, M. A. BARRY<sup>1</sup>, J. JING<sup>1,2</sup>, P. R. PATEL<sup>3</sup>, C. A. CHESTEK<sup>3</sup>, K. R. WEISS<sup>1</sup>, E. C. CROPPER<sup>1</sup>;<sup>1</sup>Mount Sinai Sch. of Med., New York, NY; <sup>2</sup>Nanjing Univ., Jiangsu, China; <sup>3</sup>Univ. of Michigan, Ann Arbor, MI Add Note☆ **140. Cellular Actions of Stress**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 140.07 Chemokine receptor 5 mediates stress susceptibility in female social defeat stress**

8:00 AM - 12:00 PM

\*H.-Y. LIN, F. CATHOMAS, L. LI, R. DURAND, K. CHAN, C. GUEVARA, L. PARISE, C. YUAN, F. GAAMOUC, S. RUSSO, J. WANG;

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

 Add Note☆ **146. Behavioral Phenotypes and Neural Mechanisms of Relevance to Psychiatric Illness**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 146.17 Traumatic social experience engages lateral septum neurotensin circuitry to occlude social reward**

8:00 AM - 12:00 PM

\*L. LI, R. DURAND-DE CUTTOLI, A. V. AUBRY, J. BURNETT, F. CATHOMAS, L. F. PARISE, K. CHAN, C. MOREL, C. YUAN, Y. SHIMO, H.-Y. LIN, J. WANG, S. J. RUSSO;

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

 Add Note☆ **Presentation 146.01 Persistent transmission of paternal stress phenotypes to offspring show brain region-specific transcriptomic signatures**

8:00 AM - 12:00 PM

\*A. M. CUNNINGHAM<sup>1</sup>, D. M. WALKER<sup>2</sup>, A. RAMAKRISHNAN<sup>1</sup>, O. ISSLER<sup>1</sup>, H. M. CATES<sup>3</sup>, L. SHEN<sup>1</sup>, E. J. NESTLER<sup>1</sup>;<sup>1</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>Behavioral Neurosci., Oregon Hlth. and Sci. Univ., Portland, OR;<sup>3</sup>Adelphi Univ., Garden City, NY Add Note☆ **Presentation 146.02 Role of H3K27me1 and H3K27me2 in Conferring Susceptibility to Stress Across the Lifespan**

8:00 AM - 12:00 PM

\*A. TORRES BERRIO<sup>1</sup>, M. ESTILL<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, H. KRONMAN<sup>1</sup>, A. M. MINIER-TORIBIO<sup>1</sup>, O. ISSLER<sup>1</sup>, C. J. BROWNE<sup>1</sup>, F. MARTÍNEZ-RIVERA<sup>1</sup>, Y. VAN DER ZEE<sup>1</sup>, E. M. PARISE<sup>1</sup>, S. RAMIREZ<sup>2</sup>, S. SIDOLI<sup>3</sup>, L. SHEN<sup>1</sup>, E. J. NESTLER<sup>1</sup>;<sup>1</sup>Icahn Sch. of Med. At Mount Sinai, Friedman Brain Inst., New York, NY; <sup>2</sup>Hunter Col., New York, NY; <sup>3</sup>Albert Einstein Col. of Med., Bronx, NY Add Note

### ☆ Presentation 146.03 Stress-resilient mice optimize subjective value and food security on an economic foraging task

8:00 AM - 12:00 PM

\*R. DURAND-DE CUTTOLI, F. J. MARTINEZ-RIVERA, L. LI, A. MINIER-TORIBIO, S. J. RUSSO, E. J. NESTLER, B. M. SWEIS; Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

### ☆ Presentation 146.04 Expression of the Astrocyte-Specific Extracellular Matrix Gene Htra1 Regulates Susceptibility to Stress in a Sex-Specific Manner

8:00 AM - 12:00 PM

\*E. M. PARISE<sup>1</sup>, T. M. GYLES<sup>1</sup>, O. K. SIAL<sup>2</sup>, A. GODINO<sup>1</sup>, C. J. BROWNE<sup>1</sup>, L. F. PARISE<sup>1</sup>, A. TORRES-BERRÍO<sup>1</sup>, M. SALERY<sup>1</sup>, R. DURAND-DE CUTTOLI<sup>1</sup>, L. HOLT<sup>1</sup>, T. MARKOVIC<sup>1</sup>, F. CATHOMAS<sup>1</sup>, J. B. GARON<sup>1</sup>, C. TEAGUE<sup>1</sup>, O. ISSLER<sup>1</sup>, P. J. HAMILTON<sup>3</sup>, C. A. BOLANOS-GUZMAN<sup>2</sup>, S. J. RUSSO<sup>1</sup>, E. J. NESTLER<sup>1</sup>;

<sup>1</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Dept. of Psychology, Texas A&M Univ., College Station, TX; <sup>3</sup>Virginia Commonwealth Univ. Hlth. Syst., Virginia Commonwealth Univ. Hlth. Syst., Richmond, VA

 Add Note

### ☆ Presentation 146.05 Blood miR-144-3p: A Novel Diagnostic and Therapeutic Tool for Depression

8:00 AM - 12:00 PM

Y. Y. DER ZEE<sup>1,2</sup>, L. M. T. EIJSSEN<sup>2</sup>, P. MEWS<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, K. ALVAREZ<sup>1</sup>, C. L. LARDNER<sup>1</sup>, H. M. CATES<sup>1</sup>, D. M. WALKER<sup>1</sup>, A. TORRES-BERRÍO<sup>1</sup>, C. J. BROWNE<sup>1</sup>, A. CUNNINGHAM<sup>1</sup>, F. CATHOMAS<sup>1</sup>, H. KRONMAN<sup>1</sup>, E. M. PARISE<sup>1</sup>, L. DE NIJS<sup>2</sup>, L. SHEN<sup>1</sup>, J. W. MURROUGH<sup>1</sup>, B. P. F. RUTTEN<sup>2</sup>, E. NESTLER<sup>1</sup>, \*O. ISSLER<sup>1</sup>;

<sup>1</sup>Mount Sinai Sch. of Med., New York, NY; <sup>2</sup>Dept. of Psychiatry and Neuropsychology, Maastricht Univ., Maastricht, Netherlands

 Add Note

### ☆ Presentation 146.06 Chronic social stress induces isolated deficits in reward anticipation on a neuroeconomic foraging task

8:00 AM - 12:00 PM


\*B. M. SWEIS, R. DURAND-DE CUTTOLI, F. J. MARTINEZ-RIVERA, L. LI, A. M. MINIER-TORIBIO, S. J. RUSSO, E. J. NESTLER; Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

### ☆ Presentation 146.07 Gprin1 expression within the nucleus accumbens mediates resilience to chronic stress in mice

8:00 AM - 12:00 PM

\*T. M. GYLES, E. PARISE, A. GODINO, T. MARKOVIC, E. NESTLER; Icahn Sch. of Med., Icahn Sch. of Med., New York, NY

 Add Note

### ☆ Presentation 146.09 Approach-avoidance dynamics sensitive to social stress

8:00 AM - 12:00 PM

\*A. MINIER-TORIBIO, F. J. MARTINEZ, C. AZIZIAN, A. GODINO, L. LI, L. ROYCHOWDHURY, A. AUBRY, C. J. BROWNE, A. TORRES-BERRÍO, G. ROJAS, S. J. RUSSO, E. J. NESTLER;

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

 Add Note

## ☆ 151. Nicotine: Neural Mechanisms

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 151.15 Hedgehog-interacting protein acts in the habenula to regulate nicotine intake

8:00 AM - 12:00 PM

\*S. P. B. CALIGIURI<sup>1</sup>, W. M. HOWE<sup>6</sup>, L. WILLS<sup>1</sup>, A. SMITH<sup>7</sup>, M. LEI<sup>8</sup>, P. BALI<sup>2</sup>, M. P. HEYER<sup>3</sup>, J. K. MOEN<sup>9</sup>, J. L. ABLES<sup>10</sup>, K. ELAYOUBY<sup>9</sup>, M. WILLIAMS<sup>11</sup>, C. FILLINGER<sup>4</sup>, Z. OKETOKOUN<sup>9</sup>, V. E. LEHMANN<sup>5</sup>, A. G. DIFELICEANTONIO<sup>12</sup>, P. M. JOHNSON<sup>13</sup>, K. BEAUMONT<sup>9</sup>, R. SEBRA<sup>9</sup>, I. IBANEZ-TALLON<sup>14</sup>, P. J. KENNY<sup>5</sup>;

<sup>1</sup>Icahn Sch. of Med. At Mount Sinai, <sup>3</sup>Dept. of Neurosci., <sup>4</sup>Neurosciences, <sup>5</sup>Neurosci., <sup>2</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>6</sup>Virginia Tech. Sch. of Neurosci., Virginia Tech. Neurosci. PhD Program, Blacksburg, VA; <sup>7</sup>Med. Univ. of South Carolina (MU Neurosci. Inst. - Grad., Charleston, SC; <sup>8</sup>Icahn Sch. of Med., New York, NY; <sup>10</sup>Psychiatry, <sup>9</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>11</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>12</sup>Yale Univ. Sch. of Med., Roanoke, VA; <sup>13</sup>D-ITET, ETH Zurich, Zurich, Switzerland; <sup>14</sup>The Rockefeller Univ., New York, NY

 Add Note

**☆ Presentation 151.09 Nicotine CCK-ing: evidence for brain-body interactions underlying drug addiction**

8:00 AM - 12:00 PM

\*K. M. BRAUNSCHEIDEL, M. R. ISHMAM, L. WILLS, P. J. KENNY;  
Icahn Sch. of Med. at Mt. Sinai, NEW YORK, NY

 Add Note**☆ PDW04. Integrating Life and Work in Neuroscience: Strategies for Success**

12:00 PM - 2:00 PM

SDCC 31ABC

 Add Note**☆ PDW04. Integrating Life and Work in Neuroscience: Strategies for Success**

12:00 PM - 2:00 PM

SDCC 31ABC

 Add Note**☆ Presentation Speaker**

12:00 PM - 2:00 PM

S. Russo;  
Fishberg Department of Neuroscience, Mount Sinai School of Medicine, New York, NY.

 Add Note**☆ 176. Autism: Genetics to Phenotypes**

1:00 PM - 4:00 PM

SDCC 1

 Add Note**☆ 183. Electrical Stimulation, Magnetogenetics, and Optogenetics**

1:00 PM - 4:15 PM

SDCC 5

 Add Note**☆ 189. Other Ion Channels**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note**☆ 194. Mechanisms and Therapeutics of Demyelinating and Peripheral Nerve Disorders**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note**☆ 196. Models of Alzheimer's Disease II**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note**☆ 201. Neuroprotection I**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note**☆ 216. Action and Sensation During Reaching Movements**

1:00 PM - 5:00 PM

SDCC Halls B-H  
Add Note☆ **222. Neurovisceral Physiology II**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **227. Neural Mechanisms of Relevance to Psychiatric Illness and Treatment**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **228. Animal Models of Relevance to Psychiatric Illness and Treatment II**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **229. Addictive Drugs and Psychedelics: Social Interactions and Sex Difference**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **231. Neural Circuit Mechanisms Underlying Alcohol Use**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **236. Social Cognition and Motivation**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **241. Speech, Language, and the Brain**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **176. Autism: Genetics to Phenotypes**

1:00 PM - 4:00 PM

SDCC 1

Add Note

☆ **Presentation 176.10 The gut derived short chain fatty acid Acetate reverses social deficits in a Shank3KO mouse model of ASD**

3:15 PM - 3:30 PM

\*A. OSMAN<sup>1,2,3</sup>, N. L. MERVOSH<sup>5</sup>, N. STRAT<sup>3</sup>, T. EUSTON<sup>6</sup>, G. ZIPURSKY<sup>7</sup>, K. R. MECKEL<sup>8</sup>, R. POLLAK<sup>9</sup>, L. LITICHEVSKIY<sup>10</sup>, C. A. THAISS<sup>11</sup>, M. S. BREEN<sup>4,2</sup>, E. DRAPEAU<sup>12</sup>, J. D. BUXBAUM<sup>1,4,3</sup>, D. KIRALY<sup>13,14</sup>,

<sup>1</sup>Ichan Sch. of Med. At Mount Sinai, Ichan Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>Dept. of Psychiatry, <sup>3</sup>Nash Family Dept. of Neurosci., <sup>4</sup>Dept. of Genet. and Genomic Sci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>5</sup>Biol. Sci., Loyola Univ. of Chicago, Chicago, IL; <sup>6</sup>Drew Univ., New Jersey, NY; <sup>7</sup>Swarthmore Col., Swarthmore Col., New York, NY; <sup>8</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>9</sup>Rutgers Univ., New Brunswick, NJ, NY; <sup>10</sup>Genomics and Computat. Biol., <sup>11</sup>Perelman Sch. of Med., Univ. of Pennsylvania, Philadelphia, PA; <sup>12</sup>INSERM, INSERM, Bordeaux, France; <sup>13</sup>Dept. of Psychiatry and Behavioral Med., Wake Forest, Winston-Salem, NY; <sup>14</sup>Physiol. and Pharmacol., Wake Forest, New York, NY

Add Note

☆ **189. Other Ion Channels**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 189.08 Inhibitory, antidepressant like effects of a novel compound series derived from cardiac bradine drugs on VTA dopamine neurons**

1:00 PM - 5:00 PM

\*E. M. TEICHMAN<sup>1</sup>, J. HU<sup>1</sup>, X. HU<sup>1</sup>, S. E. MONTGOMERY<sup>1</sup>, S. J. RUSSO<sup>1</sup>, C. MOREL<sup>1</sup>, J. JIN<sup>1</sup>, M.-H. HAN<sup>2</sup>;  
<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Shenzhen Inst. of Advanced Technol., Shenzhen, China

 Add Note☆ **201. Neuroprotection I**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 201.09 Passiflora edulis f. edulis sims extract induce neuroprotection and neuronal plasticity and synergize anticancer chemotherapeutics in vitro**

1:00 PM - 5:00 PM

O. F. SÁNCHEZ, J. M. VELASCO-ESPAÑA, A. V. RODRIGUEZ, L. Y. ROJAS-FONSECA, J. J. SUTACHAN, G. M. COSTA, \*S. L. ALBARRACIN;  
Pontificia Univ. Javeriana, Bogota. D.C., Colombia

 Add Note☆ **227. Neural Mechanisms of Relevance to Psychiatric Illness and Treatment**


1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 227.06 Striatal circRIMS2 regulates depression-like behavioral abnormalities**

1:00 PM - 5:00 PM

\*V. LEHMANN<sup>1</sup>, M. P. HEYER<sup>2</sup>, O. ISSLER<sup>4</sup>, A. RAMAKRISHNAN<sup>5</sup>, E. J. NESTLER<sup>3</sup>, P. J. KENNY<sup>3</sup>;  
<sup>2</sup>Dept. of Neurosci., <sup>3</sup>Neurosci., <sup>1</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>4</sup>Neurosci., Mount Sinai Sch. of Med., New York, NY; <sup>5</sup>Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY

 Add Note☆ **228. Animal Models of Relevance to Psychiatric Illness and Treatment II**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 228.12 Revealing the effect of subcallosal ACC deep brain stimulation on brain-wide networks in non-human primates**

1:00 PM - 5:00 PM

\*S. H. FUJIMOTO<sup>1</sup>, A. FUJIMOTO<sup>1</sup>, C. ELORETTE<sup>1</sup>, D. FOLLONI<sup>1</sup>, L. FLEYSHER<sup>3</sup>, K. CHOI<sup>2</sup>, B. E. RUSS<sup>4</sup>, H. S. MAYBERG<sup>2</sup>, P. H. RUDEBECK<sup>5</sup>;  
<sup>1</sup>Neurosci., <sup>2</sup>Nash Family Ctr. for Advanced Circuit Therapeut., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>BioMedical Engin. and Imaging Inst., Icahn Sch. of Mount Sinai at Mount Sinai, New York, NY; <sup>4</sup>NIMH/NIH, New City, NY; <sup>5</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note☆ **231. Neural Circuit Mechanisms Underlying Alcohol Use**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 231.08 Habenula cholinergic neurons, synaptic responses in the interpeduncular nucleus, and alcohol reinforcement**

1:00 PM - 5:00 PM

\*J. WANG<sup>1</sup>, S. CALIGIURI<sup>3</sup>, M. ISHIKAWA<sup>2</sup>, P. J. KENNY<sup>3</sup>;<sup>1</sup>1391 Madison Ave, <sup>2</sup>Neurosci., Icahn Sch. of Medicine, Mt.Sinai, New York, NY; <sup>3</sup>Icahn Sch. of Med. At Mount Sinai, Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ **234. Neural Mechanisms of Value Based Decision Making: Flies to Rodents**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 234.19 Tyrosine hydroxylase-positive neurons in the nucleus accumbens influence decision making in a mouse delay discounting T-maze task**

1:00 PM - 5:00 PM

J. J. BOTTERILL<sup>1</sup>, A. KANANI<sup>1</sup>, J. STEININGER<sup>1</sup>, M. ZHAO<sup>2</sup>, S. RIAZ<sup>1</sup>, R. ITO<sup>1</sup>, M. ARRUDA-CARVALHO<sup>1</sup>;<sup>1</sup>Psychology, Univ. of Toronto Scarborough, Toronto, ON, Canada; <sup>2</sup>Psychology, Univ. of British Columbia, Vancouver, BC, Canada

Add Note

☆ **236. Social Cognition and Motivation**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 236.12 The impact of social isolation on social reward behavior and mesoaccumbens circuitry**

1:00 PM - 5:00 PM

\*M. KIM, M. BARBIER, K. THIRTAMARA RAJAMANI, H. HARONY-NICOLAS;  
Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ **241. Speech, Language, and the Brain**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 241.20 Gender and race differences in language related functional connectivity brain networks in healthy young adults.**

1:00 PM - 5:00 PM

J. LIANG<sup>1</sup>, N. SINAI<sup>2</sup>, A. SIMMONS<sup>1</sup>, \*N. BIASSOU<sup>3</sup>;<sup>1</sup>The Integrative Neurosci. of Communication Unit (THINC), NIDCD, Bethesda, MD; <sup>2</sup>Dept of Biostatistics and Epidemiology, NIH Clin. Ctr., Bethesda, MD; <sup>3</sup>Dept of Radiology and Imaging Sciences/ The Integrative Neurosci. of Communication Unit /NIDCD, NIH, Bethesda, MD

Add Note

☆ **169. Industrial Insights and Perspectives Into Translational Neuroscience - Baihan Lin**

2:00 PM - 4:30 PM

SDCC 6CF

Add Note

☆ **169. Industrial Insights and Perspectives Into Translational Neuroscience - Baihan Lin**

2:00 PM - 4:30 PM

SDCC 6CF

 Add Note

☆ **Presentation 169.05 An endovascular route to accessing cortical motor signals for controlling digital devices by thought: first-in-human experience**

3:20 PM - 3:45 PM

T. J. Oxley;  
Department of Surgery, Mount Sinai Hospital, New York, NY.

 Add Note**MONDAY, NOV. 14, 2022**

☆ **268. Autism: Environment and Pathology**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **273. Microglial Mechanisms of CNS Injury and Disease**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **277. Alzheimer's Disease: Roles of the Cerebrovasculature**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **281. Amyotrophic Lateral Sclerosis**

8:00 AM - 12:00 PM


SDCC Halls B-H

 Add Note

☆ **283. Neurodegeneration, Mechanisms, and Therapeutics**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **289. Spinal Cord Injury: Neuromodulation, Circuit, and Behavior**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **301. Premotor and Motor Cortex Dynamics During Movement Planning and Execution**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **314. Addictive Drugs: General Neural Mechanisms**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **318. Neural Mechanisms of Value Based Decision Making in Non-Human Primates and Humans**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **320. Social Cognition: Circuits and Neural Mechanisms I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **325. Human Spatial Navigation**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **268. Autism: Environment and Pathology**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 268.05 Identifying critical windows of increased inflammation in early life associated with autism spectrum disorder using a novel protocol for extracting temporal biomarkers from deciduous teeth**

8:00 AM - 12:00 PM

\*R. J. J. COENEN<sup>1</sup>, D. DUMITRIU<sup>2</sup>, E. BALDWIN<sup>1</sup>, L. HAMMOND<sup>2</sup>, D. S. PETERKA<sup>3</sup>, R. PALMER<sup>4</sup>, S. BÖLTE<sup>5</sup>, C. AUSTIN<sup>1</sup>, P. CURTIN<sup>1</sup>, M. ARORA<sup>1</sup>;<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York City, NY; <sup>2</sup>Columbia Univ., New York City, NY; <sup>3</sup>Columbia Univ., New York, NY; <sup>4</sup>Univ. of Texas Hlth. Sci. Ctr., Texas, TX; <sup>5</sup>Goethe Univ., Frankfurt, Germany Add Note☆ **273. Microglial Mechanisms of CNS Injury and Disease**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 273.09 Nicotine Addiction - The Role of IL-18 in the Medial Habenula**

8:00 AM - 12:00 PM

\*L. WILLIS<sup>1</sup>, P. J. KENNY<sup>2</sup>, Z. CHEN<sup>3</sup>, X. LIU<sup>3</sup>;<sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>3</sup>Shenzhen Inst. of Advanced Technol., Shenzhen, China Add Note☆ **276. Alzheimer's Disease and Related Dementias: Glia**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 276.10 Gliovascular alterations in frontal cortex characterize Alzheimer's disease and APOE3-Christchurch homozygote resistance**

8:00 AM - 12:00 PM

J. HENAO-RESTREPO<sup>1,2</sup>, \*P. VALDERRAMA-CARMONA<sup>1,2</sup>, N. OROZCO-SANTA<sup>1,2</sup>, C. LÓPEZ-MURILLO<sup>1,2</sup>, J. GÓMEZ<sup>3</sup>, J. GUTIÉRREZ-VARGAS<sup>1,4</sup>, R. MORAGA<sup>5</sup>, J. TOLEDO<sup>5</sup>, J. L. LITTAU<sup>6</sup>, S. HÄRTEL<sup>5</sup>, J. ARBOLEDA-VELASQUEZ<sup>7</sup>, D. SEPULVEDA-FALLA<sup>8</sup>, F. LOPERA<sup>3</sup>, G. CARDONA-GÓMEZ<sup>2</sup>, A. VILLEGAS<sup>3</sup>, R. POSADA-DUQUE<sup>1,2</sup>;<sup>1</sup>Inst. de Biología, Facultad de Ciencias Exactas y Naturales, <sup>2</sup>Área de Neurobiología Celular y Molecular, Grupo de Neurociencias de Antioquia, <sup>3</sup>Grupo de Neurociencias de Antioquia, Facultad de Medicina, SIU, Univ. de Antioquia, Medellín, Colombia; <sup>4</sup>Hlth. Sci. Fac., Remington Univ. Corp., Medellín, Colombia; <sup>5</sup>Anat. and Developmental Biology, Lab. of Scientific Image Analysis SCIAN-Lab, Univ. de Chile, Santiago, Chile; <sup>6</sup>Inst. of Neuropathology, Universitätsklinikum Hamburg-Eppendorf, Hamburg, Germany; <sup>7</sup>Massachusetts Eye and Ear Inst., Harvard Med. Sch., Boston, MA; <sup>8</sup>Mol. Neuropathology of Alzheimer's Disease, Inst. of Neuropathology, Univ. Med. Ctr. Hamburg-Eppendorf, Hamburg, Germany Add Note☆ **281. Amyotrophic Lateral Sclerosis**

8:00 AM - 12:00 PM

SDCC Halls B-H  
Add Note

☆ **Presentation 281.10 Single-nucleus transcriptome and epigenome profiling of human brain reveals the contribution of neuronal and glial cell types to C9orf72-associated ALS/FTD**

8:00 AM - 12:00 PM

\*J. LI<sup>1</sup>, M. K. JAISWAL<sup>3</sup>, J. CHIEN<sup>2</sup>, A. KOZLENKOV<sup>3</sup>, V. V. BELZIL<sup>4</sup>, E. A. MUKAMEL<sup>1</sup>, S. DRACHEVA<sup>3,5</sup>;<sup>1</sup>Dept. of Cognitive Sci., <sup>2</sup>Dept. of Physics, UCSD, La Jolla, CA; <sup>3</sup>Dept. of Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>4</sup>Dept. of Neurosci., Mayo Clin., Jacksonville, FL; <sup>5</sup>James J. Peters VA Med. Ctr., Bronx, NY

Add Note

☆ **285. ApoE and Associated Pathways**

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 285.05 Elucidating mechanisms of familial Alzheimer's disease resistance through ApoE3 Christchurch using patient derived iPSC cell cerebral organoids**

8:00 AM - 12:00 PM

\*R. C. MAZZARINO<sup>1</sup>, G. N. VACANO<sup>3</sup>, J. SANCHEZ<sup>4</sup>, M. N. O'HARE<sup>1</sup>, Y. T. QUIROZ<sup>5</sup>, F. LOPERA<sup>6</sup>, J. ARBOLEDA<sup>2</sup>;<sup>1</sup>Schepens Eye Res. Inst., <sup>2</sup>Harvard Inst. of Med., Boston, MA; <sup>3</sup>Vacano Informatics LLC, Arvada, CO; <sup>5</sup>Psychiatry, <sup>4</sup>Harvard Med. Sch., Charlestown, MA; <sup>6</sup>Neurosci. Group of Antioquia, Medellín, Colombia

Add Note

☆ **Presentation 285.15 Characterization of novel anti-ApoE-glycosaminoglycan antibodies in human brain tissue from a kindred with autosomal dominant Alzheimer's disease**

8:00 AM - 12:00 PM

\*P. PEREZ<sup>1,2</sup>, C. MARINO<sup>1,2</sup>, D. SEPULVEDA-FALLA<sup>4</sup>, J. P. MEJÍA-CUPAJITA<sup>5</sup>, A. VILLEGAS<sup>5</sup>, Y. T. QUIROZ<sup>3</sup>, F. LOPERA<sup>5</sup>, J. ARBOLEDA-VELASQUEZ<sup>1,2</sup>;<sup>1</sup>Schepens Eye Res. Inst., Boston, MA; <sup>2</sup>Harvard Med. Sch., Boston, MA; <sup>3</sup>Psychiatry, Harvard Med. Sch., Charlestown, MA; <sup>4</sup>Inst. of Neuropathology, Univ. Med. Ctr. Hamburg-Eppendorf, Hamburg, Germany; <sup>5</sup>Neurosci. Group of Antioquia, Medellín, Colombia

Add Note

☆ **289. Spinal Cord Injury: Neuromodulation, Circuit, and Behavior**

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 289.15 Monitoring of Autonomic Dysreflexia in Rhesus Macaques after Cervical Spinal Cord Injury and Delayed Intramedullary Grafting of Human Neural Stem Cells**

8:00 AM - 12:00 PM

P. M. BARTMEYER<sup>1</sup>, N. P. BISCOLA<sup>2</sup>, M. M. RAIMUNDO<sup>4</sup>, E. S. ROSENZWEIG<sup>5</sup>, J. HYDE<sup>6</sup>, C. MANNION<sup>6</sup>, S. HAWBECKER<sup>6</sup>, R. WURR<sup>6</sup>, R. MACON<sup>6</sup>, Y. S. NOUT-LOMAS<sup>7</sup>, C. J. SPARREY<sup>8</sup>, M. S. BEATTIE<sup>9,10</sup>, J. C. BRESNAHAN<sup>9,10</sup>, \*L. A. HAVTON<sup>3,11</sup>;<sup>2</sup>Neurol., <sup>3</sup>Neurol. and Neurosci., <sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>4</sup>Univ. of Campinas, UNICAMP, Campinas, Brazil; <sup>5</sup>Neurosciences, UCSD Dept. of Neurosciences, La Jolla, CA; <sup>6</sup>California Natl. Primate Res. Center, UC Davis, Davis, CA;<sup>7</sup>Col. of Vet. Med. and Biomed. Sciences, Colorado State Univ., Fort Collins, CO; <sup>8</sup>Mechatronic Systems Engineering, Simon Fraser Univ., Surrey, BC, Canada; <sup>9</sup>Dept. of Neurosurgery, UCSF, San Francisco, CA; <sup>10</sup>VA Med. Ctr., San Francisco, CA; <sup>11</sup>James J. Peters Veterans Affairs Med. Ctr., Bronx, NY

Add Note

☆ **290. Dorsal Root Ganglia and Afferents: Ion Channels and Receptors**

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 290.25 Bidens Pilosa derived metabolites as regulators of TRPA1 channels**

8:00 AM - 12:00 PM

S. M. BUITAMA<sup>1</sup>, X. M. RODRIGUEZ<sup>2</sup>, S. L. ALBARRACIN<sup>1</sup>, Z. Y. CASAS<sup>1</sup>, Y. P. TORRES<sup>1</sup>, P. SANTANDEP<sup>1</sup>, J. J. SUTACHAN<sup>1</sup>,  
<sup>1</sup>Pontificia Univ. Javeriana, Bogotá D.C., Colombia; <sup>2</sup>Fundación Juan N Corpas, Bogota D.C., Colombia

 Add Note

### ☆ 318. Neural Mechanisms of Value Based Decision Making in Non-Human Primates and Humans

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

#### ☆ Presentation 318.04 Amygdala inputs to primate frontal cortex contribute to the encoding of reward timing

8:00 AM - 12:00 PM

\*D. FOLLONI<sup>1</sup>, E. A. MURRAY<sup>2</sup>, P. H. RUDEBECK<sup>1</sup>;

<sup>1</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>NIMH, NIH, Bethesda, MD

 Add Note

### ☆ 320. Social Cognition: Circuits and Neural Mechanisms I

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

#### ☆ Presentation 320.19 Social stimuli elicit glutamatergic neuronal activity in the posterior intralaminar complex of the thalamus in male and female mice

8:00 AM - 12:00 PM

\*A. LEITHEAD<sup>1</sup>, A. GODINO<sup>2</sup>, H. HARONY-NICOLAS<sup>1</sup>;

<sup>1</sup>Icahn Sch. of Med. At Mount Sinai, Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

#### ☆ Presentation 320.22 Studying the impact of Shank3-deficiency on the mesoaccumbens pathway of reward

8:00 AM - 12:00 PM

\*M. BARBIER<sup>1</sup>, K. THIRTAMARA RAJAMANI<sup>1</sup>, S. NETSER<sup>2</sup>, S. WAGNER<sup>2</sup>, H. HARONY-NICOLAS<sup>3</sup>;

<sup>1</sup>Mount Sinai Sch. of Med., Mount Sinai Sch. of Med., New York, NY; <sup>2</sup>Univ. of Haifa, Haifa, Israel; <sup>3</sup>Psychiatry/Neuroscience, Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

#### ☆ Presentation 320.25 Anterior cingulate cortex neurons encode social but not nonsocial image identity during a decision-making task

8:00 AM - 12:00 PM

\*J. SIMON, IV, E. L. RICH;

Nash Family Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

### ☆ 347. Cellular, Molecular, and Genetic Mechanisms of Drug and Alcohol Abuse

1:00 PM - 4:30 PM

SDCC 23

 Add Note

### ☆ 352. Postnatal Hippocampal Neurogenesis

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ 355. Developmental Disorders: Genetic Models II

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **359. Comparative Anatomy: Development and Evolution**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **367. Glioblastoma**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **368. Alzheimer Disease and Immune Mechanisms**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **369. Metabolism Alterations in Alzheimer's Disease**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **396. Cortical and Basal Ganglia Circuits in Aversive Processing**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **398. Cellular and Molecular Mechanisms of Reward Circuits**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **400. Animal Models of Anxiety: Pharmacology and Neural Circuitry**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **411. Light and Electron Microscopy Techniques**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **347. Cellular, Molecular, and Genetic Mechanisms of Drug and Alcohol Abuse**

1:00 PM - 4:30 PM

SDCC 23

 Add Note☆ **Presentation 347.08 Capturing and profiling cocaine-recruited neuronal ensembles in the nucleus accumbens**

2:45 PM - 3:00 PM

\*M. SALERY<sup>1</sup>, A. GODINO<sup>1</sup>, Y. XU<sup>1</sup>, J. F. FULLARD<sup>2</sup>, P. ROUSSOS<sup>2</sup>, E. J. NESTLER<sup>1</sup>;<sup>1</sup>Nash Family Dept. of Neurosci., <sup>2</sup>Dept. of Genet. and Genomics Sci. / Dept. of Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY Add Note

☆ **352. Postnatal Hippocampal Neurogenesis**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 352.12 Timp2-mediated remodeling of the extracellular matrix regulates hippocampus-dependent cognitive function and plasticity**

1:00 PM - 5:00 PM

\*A. C. FERREIRA, B. M. HEMMER, S. M. PHILIPPI, H. LIU, J. ROSENSTADT, Y. WANG, J. D. ZHU, M. VARGHESE, P. HOF, J. M. CASTELLANO;  
Icahn Sch. Med. at Mount Sinai, New York, NY

 Add Note☆ **355. Developmental Disorders: Genetic Models II**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 355.18 A subpopulation of glutamatergic projection neurons are altered in the neocortex of DDX3X syndrome model mice**

1:00 PM - 5:00 PM

\*M. FLORES<sup>1,2,3,4</sup>, M. GARCIA-FORN<sup>1,2,3,4</sup>, A. VON MUEFFLING<sup>1,2,3,4,5</sup>, P. OLA<sup>1,2,3,4</sup>, S. DE RUBEIS<sup>1,2,3,4</sup>;  
<sup>1</sup>Psychiatry, <sup>2</sup>The Seaver Autism Ctr. for Res. and Treatment, <sup>3</sup>The Mindich Child Hlth. and Develop. Inst., <sup>4</sup>Friedman Brain Inst.,  
Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>5</sup>Neurosci. and Behavior, Barnard Col., New York, NY

 Add Note☆ **Presentation 355.24 Impaired corticogenesis in a mouse model of DDX3X syndrome**

1:00 PM - 5:00 PM

\*M. GARCIA-FORN<sup>1,2,3,4</sup>, M. FLORES<sup>1,2,3,4</sup>, P. OLA<sup>1,2,3,4</sup>, A. VON MUEFFLING<sup>1,2,3,4</sup>, M. HANNAN<sup>1,2,3,4</sup>, K. NIBLO<sup>1,2,3,4</sup>, S. DE RUBEIS<sup>1,2,3,4</sup>;  
<sup>1</sup>Seaver Autism Ctr. for Res. and Treatment, <sup>2</sup>Psychiatry, <sup>3</sup>The Mindich Child Hlth. and Develop. Inst., <sup>4</sup>Friedman Brain Inst.,  
Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note☆ **367. Glioblastoma**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 367.13 Evaluating the safety, feasibility, and efficacy of intracranial convection-enhanced delivery of laponite magnetic iron-oxide nanoparticles for the potential treatment of glioblastoma**

1:00 PM - 5:00 PM

\*J. Y. ZHANG<sup>1</sup>, W. F. MAYS<sup>2</sup>, D. RIVERA<sup>1</sup>, M. ANASTASIADOU<sup>1</sup>, A. BOURAS<sup>1</sup>, T. CHANENCHUK<sup>1</sup>, C. G. HADJIPANAYIS<sup>1</sup>;  
<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Oakwood Univ., Huntsville, AL

 Add Note☆ **368. Alzheimer Disease and Immune Mechanisms**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 368.06 Exploring the effects of TREM2 and TYROBP on microglial homeostasis and activation**

1:00 PM - 5:00 PM

\*G. E. FARIAS QUIPILDOR<sup>1</sup>, R. BELFIORE<sup>2</sup>, S. SALTON<sup>3</sup>, M. E. EHRlich<sup>4</sup>, S. E. GANDY<sup>5</sup>;  
<sup>1</sup>Neurol. and Neurosci., <sup>2</sup>Neurol., <sup>3</sup>Neurosci. and Geriatrics, <sup>4</sup>Neurol. and Pediatrics, <sup>5</sup>Neurol. & Psychiatry, Icahn Sch. of Med. at  
Mount Sinai, New York, NY

 Add Note

### ☆ Presentation 368.12 Microglial INPP5D limits plaque formation and glial reactivity in the PSAPP mouse model of Alzheimer's disease

1:00 PM - 5:00 PM

\*E. L. CASTRANIO<sup>1</sup>, P. HASEL<sup>5</sup>, J.-V. HAURE-MIRANDE<sup>1</sup>, A. V. RAMIREZ JIMENEZ<sup>1</sup>, B. W. HAMILTON<sup>1</sup>, R. D. KIM<sup>5</sup>, C. G. GLABE<sup>9</sup>, M. WANG<sup>2</sup>, B. ZHANG<sup>2</sup>, S. E. GANDY<sup>1,3,10</sup>, S. A. LIDDELOW<sup>5,6,7,8</sup>, M. E. EHRLICH<sup>1,2,4</sup>;

<sup>1</sup>Neurol., <sup>2</sup>Genet. and Genomic Sci., <sup>3</sup>Psychiatry, <sup>4</sup>Pediatrics, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>5</sup>Neurosci. Inst., <sup>6</sup>Neurosci. and Physiol., <sup>7</sup>Ophthalmology, <sup>8</sup>Parekh Ctr. for Interdisciplinary Neurol., NYU Grossman Sch. of Med., New York, NY; <sup>9</sup>Mol. Biol. and Biochem., Univ. California Irvine, Irvine, CA; <sup>10</sup>James J Peters VA Med. Ctr., Bronx, NY

 Add Note

### ☆ 369. Metabolism Alterations in Alzheimer's Disease

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 369.12 One gene to fatten them all: ATGL Knock Out drives lipid droplet accumulation in ependymal cells

1:00 PM - 5:00 PM

\*F. PRATESI<sup>1</sup>, P. VALDERRAMA-CARMONA<sup>2</sup>, P. E. M'BRA<sup>1</sup>, M. BERNIER<sup>3</sup>, A. AUMONT<sup>1</sup>, K. FERNANDES<sup>1</sup>;


<sup>1</sup>Neurosci., CDRV, Sherbrooke, QC, Canada; <sup>2</sup>Inst. of biology, Univ. de Antioquia, Medellin, Colombia; <sup>3</sup>Bishop Univ., Sherbrooke, QC, Canada

 Add Note

### ☆ 396. Cortical and Basal Ganglia Circuits in Aversive Processing

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 396.07 Parallel dopamine circuit dynamics in chronic social stress-induced behavioral outcomes

1:00 PM - 5:00 PM

\*M. CAROLE<sup>1</sup>, S. E. MONTGOMERY<sup>4</sup>, L. LI<sup>7</sup>, R. DURAND-DE CUTTOLI<sup>2</sup>, E. TEICHMAN<sup>5</sup>, B. JUAREZ<sup>8</sup>, N. TZAVARAS<sup>6</sup>, M. FLANIGAN<sup>9</sup>, J. J. WALSH<sup>10</sup>, S. J. RUSSO<sup>5</sup>, E. NESTLER<sup>3</sup>, E. S. CALIPARI<sup>11</sup>, A. K. FRIEDMAN<sup>12</sup>, M.-H. HAN<sup>13</sup>;


<sup>1</sup>Icahn Sch. of Med., <sup>2</sup>Icahn Sch. of Med., New York, NY; <sup>3</sup>Icahn Sch. of Med., NEW YORK, NY; <sup>4</sup>Icahn Sch. of Med. at Mount Sinai, <sup>5</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>6</sup>Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; <sup>7</sup>Home, Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>8</sup>Home, Univ. of Washington, Seattle, WA; <sup>9</sup>Univ. of North Carolina Bowles Ctr. for Alcohol Studies, Mt. Sinai Sch. of Med., Chapel Hill, NC; <sup>10</sup>Univ. of North Carolina at Chapel Hill, Chapel Hill, NC; <sup>11</sup>Vanderbilt Univ., Vanderbilt Univ. Sch. of Med., Nashville, TN; <sup>12</sup>Hunter College, City Univ. of New York, Hunter College, City Univ. of New York, New York, NY; <sup>13</sup>Shenzhen Inst. of Advanced Technol., Shenzhen, China

 Add Note

### ☆ 398. Cellular and Molecular Mechanisms of Reward Circuits

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 398.14 Single-cell Multiomic Profiling of Orbitofrontal cortex in Extended Cocaine Self-Administration Withdrawal

1:00 PM - 5:00 PM

\*S. FULTON<sup>1</sup>, J. J. TUSCHER<sup>2</sup>, R. A. PHILLIPS, III<sup>4</sup>, A. LEPACK<sup>5</sup>, J. J. DAY<sup>3</sup>, I. MAZE<sup>1</sup>;

<sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>3</sup>Neurobio., <sup>2</sup>Univ. of Alabama at Birmingham, Birmingham, AL; <sup>4</sup>Neurobio., Univ. of Alabama at Birmingham, Birmingham, AL; <sup>5</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

### ☆ 400. Animal Models of Anxiety: Pharmacology and Neural Circuitry

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 400.09 Cell-type-specific dopamine signaling in ventral hippocampus tracks anxiety-related behaviors

1:00 PM - 5:00 PM

\*A. GODINO<sup>1</sup>, M. SALERY<sup>1</sup>, A. M. MINIER-TORIBIO<sup>1</sup>, V. PATEL<sup>1</sup>, J. F. FULLARD<sup>2</sup>, E. M. PARISE<sup>1</sup>, C. MOREL<sup>1</sup>, S. E. MONTGOMERY<sup>1</sup>, P. ROUSSOS<sup>2</sup>, R. D. BLITZER<sup>1</sup>, E. J. NESTLER<sup>1</sup>;

<sup>1</sup>Nash Family Dept. of Neurosci. & Friedman Brain Inst., <sup>2</sup>Dept. of Psychiatry & Friedman Brain Inst., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

### ☆ 411. Light and Electron Microscopy Techniques

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 411.11 3d molecular phenotyping of human brain samples with light-sheet fluorescence microscopy

1:00 PM - 5:00 PM

L. PESCE<sup>1</sup>, M. SCARDIGLI<sup>2</sup>, V. GAVRYUSEV<sup>3</sup>, A. LAURINO<sup>5</sup>, G. MAZZAMUTO<sup>6</sup>, N. BRADY<sup>2</sup>, G. SANCATALDO<sup>7</sup>, \*L. SILVESTRI<sup>8</sup>, C. DESTRIEUX<sup>9</sup>, P. R. HOF<sup>10</sup>, I. COSTANTINI<sup>3</sup>, F. S. PAVONE<sup>4</sup>;

<sup>1</sup>Scuola Normale Superiore, Pisa, Italy; <sup>2</sup>European Lab. for Non-linear Spectroscopy, Florence, Italy; <sup>3</sup>Univ. of Florence, Florence, Italy; <sup>4</sup>Univ. of Florence, Sesto Fiorentino (FI), Italy; <sup>5</sup>Univ. of Siena, Siena, Italy; <sup>6</sup>INO - CNR, LENS, INO - CNR, LENS, Sesto Fiorentino, Italy; <sup>7</sup>Univ. of Palermo, Palermo, Italy; <sup>8</sup>European Lab. For Non-Linear Spectroscopy, European Lab. For Non-Linear Spectroscopy, Sesto Fiorentino, Italy; <sup>9</sup>Univ. of Tours, Tours, France; <sup>10</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

### ☆ Presentation 411.15 Myelinated Preganglionic Parasympathetic Fibers and Unmyelinated Candidate Autonomic Fibers Cluster Together in Lumbar Sacral Ventral Roots of Rhesus Macaques

1:00 PM - 5:00 PM

\*N. P. BISCOLA<sup>1</sup>, P. M. BARTMEYER<sup>1</sup>, G. B. CHIAROTTO<sup>2</sup>, Y. SIM<sup>3</sup>, E. CELIK<sup>1</sup>, L. A. HAVTON<sup>4,5</sup>;

<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Neurol., Icahn Sch. of Med. at Mount Sinai, NEW YORK, NY; <sup>3</sup>Neurol., <sup>4</sup>Dept. of Neurol. and Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>5</sup>James J. Peters Veterans Affairs Med. Ctr., Bronx, NY

 Add Note

### ☆ 340. Population or Single Cell Coding: What Is the Language of the Brain? - Srdjan Ostojic

2:00 PM - 3:30 PM

SDCC 6B

 Add Note

### ☆ 338. Neural Control of Energy Homeostasis - Wei Shen

2:00 PM - 4:30 PM

SDCC 6A

 Add Note

### ☆ 338. Neural Control of Energy Homeostasis - Wei Shen

2:00 PM - 4:30 PM

SDCC 6A

 Add Note

### ☆ Presentation 338.06 Neural circuits regulating energy and glucose homeostasis

3:25 PM - 3:45 PM

S. Stanley,  
Icahn School of Medicine At Mount Sinai, Icahn School of Medicine, New York, NY.

 Add Note

### ☆ 340. Population or Single Cell Coding: What Is the Language of the Brain? - Srdjan Ostojic

2:00 PM - 3:30 PM

SDCC 6B

 Add Note☆ **Presentation 340.03 Speaker**

2:25 PM - 2:35 PM

K. Rajan;  
Mount Sinai School of Medicine, New York, NY. Add Note**TUESDAY, NOV. 15, 2022**☆ **426. Alzheimer's Disease Genomics**

8:00 AM - 10:00 AM

SDCC 7

 Add Note☆ **432. Real Time Monitoring of Human Brain Networks During Therapeutic Neuromodulation**

8:00 AM - 11:15 AM

SDCC 24

 Add Note☆ **445. Clinical and Preclinical Studies in Alzheimer's Disease**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **451. Tau: Cellular and Molecular Mechanisms I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **463. Neuropathic and Chronic Pain**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **472. Cerebellum: Sensorimotor**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **486. Opioids: Reward and Reinforcement I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **490. Physiological and Neural Mechanisms of Working Memory**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **491. Social Cognition: Circuits and Neural Mechanisms II**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ 493. Learning and Memory: Hippocampal and Prefrontal Circuits

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ 495. Advances in Circuit Tracing

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ 498. Computational Tools and Other Resources: Microscopy and Imaging

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ 499. Development and Application of Optogenetic Tools

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ 426. Alzheimer's Disease Genomics

8:00 AM - 10:00 AM


SDCC 7

 Add Note

#### ☆ Presentation 426.05 Autophagy and Herpesvirus: A collaboration contributing to Alzheimer's disease

9:00 AM - 9:15 AM

\*M. RANJBAR<sup>1</sup>, A. RAEISI NAFCHI<sup>2</sup>, M. ESMAEILI<sup>2</sup>, O. MYERS<sup>1</sup>, E. L. BEARER<sup>3</sup>;  
<sup>2</sup>Electrical and Computer Engin., <sup>3</sup>Dept. of Pathology, <sup>1</sup>Univ. of New Mexico, Albuquerque, NM

 Add Note

### ☆ 432. Real Time Monitoring of Human Brain Networks During Therapeutic Neuromodulation

8:00 AM - 11:15 AM


SDCC 24

 Add Note

#### ☆ Presentation 432.06 Suboptimal lead placement in BROADEN SCC DBS trial for depression - Tractography analysis

9:15 AM - 9:30 AM

\*K. CHOI<sup>1</sup>, J. KHANG<sup>1</sup>, P. RIVA-POSSE<sup>2</sup>, L. HIMES<sup>3</sup>, B. CHEERAN<sup>3</sup>, H. MAYBERG<sup>1</sup>;  
<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Psychiatry and Behavioral Sci., Emory Univ., Atlanta, GA; <sup>3</sup>Abbott Neuromodulation, Austin, TX

 Add Note

#### ☆ Presentation 432.08 Longitudinal study of the effects of subcallosal cingulate deep brain stimulation for treatment-resistant depression on the resting electroencephalogram

9:45 AM - 10:00 AM

\*T. NAUVEL<sup>1</sup>, S. ALAGAPAN<sup>2</sup>, M. OBATUSIN<sup>1</sup>, S. HEISIG<sup>1</sup>, J. DAHILL-FUCHEL<sup>1</sup>, P. RIVA-POSSE<sup>3</sup>, C. ROZELL<sup>2</sup>, A. WATERS<sup>1</sup>, H. S. MAYBERG<sup>1</sup>;  
<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Georgia Inst. of Technol., Atlanta, GA; <sup>3</sup>Psychiatry and Behavioral Sci., Emory Univ., Atlanta, GA

 Add Note

#### ☆ Presentation 432.12 A novel subcallosal cingulate biomarker of deep brain stimulation mediated stable recovery

10:45 AM - 11:00 AM

S. ALAGAPAN<sup>1</sup>, S. HEISIG<sup>2</sup>, K. CHOI<sup>2</sup>, A. WATERS<sup>2</sup>, A. VEERAKUMAR<sup>3</sup>, V. TIRUVADI<sup>4</sup>, M. OBATUSIN<sup>2</sup>, T. J. NAUVEL<sup>2</sup>, J. CHA<sup>2</sup>, M.

NGEE<sup>1</sup>, A. L. CROWELL<sup>1</sup>, P. RIVA-POSSE<sup>4</sup>, R. J. BUTERA<sup>1</sup>, H. S. MAYBERG<sup>2</sup>, C. ROZELL<sup>1</sup>;

<sup>1</sup>Georgia Inst. of Technol., Atlanta, GA; <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Western Univ., London, ON, Canada;

<sup>4</sup>Emory Univ., Atlanta, GA

 Add Note

## ☆ 434. Dendrite Dynamics: Development, Arborization, and Branching

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 434.09 Effect of ethanolic *Lippia alba* extracts on the structural plasticity of cortical neurons in vitro

8:00 AM - 12:00 PM

M. VELASQUEZ<sup>1</sup>, \*J. SUTACHAN<sup>2</sup>, G. M. COSTA<sup>2,1</sup>, S. L. ALBARRACÍN<sup>2</sup>;

<sup>1</sup>Univ. de los Andes, Bogotá, Colombia; <sup>2</sup>Pontificia Univ. Javeriana, Bogota, Colombia

 Add Note

## ☆ 445. Clinical and Preclinical Studies in Alzheimer's Disease

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 445.08 Accelerated aging process with neurodegeneration in the cerebral cortex of cognitively impaired aged marmosets (*Callithrix jacchus*)

8:00 AM - 12:00 PM

\*C. FREIRE-COBO<sup>1</sup>, E. ROTHWELL<sup>2</sup>, M. VARGHESE<sup>1</sup>, W. G. M. JANSSEN<sup>1</sup>, A. LACREUSE<sup>3</sup>, P. R. HOF<sup>1</sup>;

<sup>1</sup>Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Psychology, Univ. of Massachusetts - Amherst, Easthampton, MA;

<sup>3</sup>Psychological and Brain Sci., Univ. of Massachusetts Amherst, Amherst, MA

 Add Note

## ☆ 451. Tau: Cellular and Molecular Mechanisms I

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 451.12 Single-nuclei RNA sequencing reveals a unique astrocytic population in sporadic progressive supranuclear palsy

8:00 AM - 12:00 PM

\*H. W. RESSLER, K. WHITNEY, K. FARRELL, A. C. PEREIRA, B. ZHANG, W.-M. SONG, A. SHARMA, E. WOODOFF-LEITH, D.

DANGOOR, A. CERVERA, J. F. CRARY;

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

 Add Note

## ☆ 463. Neuropathic and Chronic Pain

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 463.27 Tianeptine Alleviates Sensory and Affective Components of Neuropathic Pain

8:00 AM - 12:00 PM

\*E. A. PEKARSKAYA<sup>1</sup>, R. A. SERAFINI<sup>2</sup>, J. G. SOARES<sup>1</sup>, J. A. JAVITCH<sup>1</sup>, V. ZACHARIOU<sup>2</sup>;

<sup>1</sup>Columbia Univ., New York, NY; <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **472. Cerebellum: Sensorimotor**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 472.19 Cerebellar microRNA-206 regulates Purkinje cell excitability and sensorimotor gating**

8:00 AM - 12:00 PM

\*M. P. HEYER<sup>1</sup>, M. ISHIKAWA<sup>1</sup>, J. E. EVANGELISTA<sup>2</sup>, A. MA'AYAN<sup>2</sup>, G. FENG<sup>3</sup>, P. J. KENNY<sup>1</sup>;<sup>1</sup>Neurosci., <sup>2</sup>Pharmacol. Sci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Brain and Cognitive Sci., MIT, Cambridge, MA Add Note☆ **486. Opioids: Reward and Reinforcement I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 486.21 Transcriptome profiling of the brain's reward circuitry in heroin self-administration identifies a ventral hippocampus gene network related to relapse susceptibility**

8:00 AM - 12:00 PM

C. J. BROWNE<sup>1</sup>, R. FUTAMURA<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, X. ZHOU<sup>1</sup>, A. MINIER-TORIBIO<sup>1</sup>, F. MARTINEZ-RIVERA<sup>1</sup>, M. ESTILL<sup>1</sup>, A. GODINO<sup>1</sup>, E. M. PARISE<sup>1</sup>, M. SALERY<sup>1</sup>, A. TORRES-BERRIO<sup>1</sup>, A. M. CUNNINGHAM<sup>1</sup>, J. GARON<sup>1</sup>, P. J. HAMILTON<sup>2</sup>, D. M. WALKER<sup>3</sup>, B. ZHANG<sup>1</sup>, Y. L. HURD<sup>1</sup>, L. SHEN<sup>1</sup>, E. J. NESTLER<sup>1</sup>;<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Virginia Commonwealth Univ., Richmond, VA; <sup>3</sup>Oregon Hlth. & Sci. Univ., Portland, OR Add Note☆ **491. Social Cognition: Circuits and Neural Mechanisms II**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 491.03 Role of autism risk genes in frontal-thalamic projections underlying social processing in mice**

8:00 AM - 12:00 PM

\*K. OKAMURA, A. LIDOSKI, B. STEVENS, K. YAMAMURO, M. LEVENTHAL, H. MORISHITA;

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

 Add Note☆ **Presentation 491.04 Regrouping after juvenile social isolation precipitates deficits in social behavior and corticothalamic projection neurons in mice**

8:00 AM - 12:00 PM

M. B. LEVENTHAL, K. OKAMURA, A. LIDOSKI, M. JANIS, B. STEVENS, L. WALTRIP, H. MORISHITA;

Mount Sinai, New York, NY

 Add Note☆ **Presentation 491.08 Oxytocin activity in the Paraventricular and Supramammillary Nuclei of the Hypothalamus is Essential for Social Recognition Memory in Rats**

8:00 AM - 12:00 PM

\*K. THIRTAMARA RAJAMANI<sup>1</sup>, M. BARBIER<sup>1</sup>, A. LEFEVRE<sup>3</sup>, K. NIBLO<sup>1</sup>, N. CORDERO<sup>2</sup>, S. NETSER<sup>4</sup>, S. WAGNER<sup>4</sup>, V. GRINEVICH<sup>5</sup>, H. HARONY-NICOLAS<sup>1</sup>;<sup>1</sup>Psychiatry, Seaver Autism Ctr. for Res. and Treatment, <sup>2</sup>Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>UCSD, San Diego, CA; <sup>4</sup>Univ. of Haifa, Haifa, Israel; <sup>5</sup>Central Inst. of Mental Health, Univ. of Heidelberg, Heidelberg, Germany Add Note☆ **493. Learning and Memory: Hippocampal and Prefrontal Circuits**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 493.14 Ensemble remodeling supports memory-updating

8:00 AM - 12:00 PM

W. MAU, D. MORALES-RODRIGUEZ, Z. DONG, Z. T. PENNINGTON, T. FRANCISCO, A. M. BAGGETTA, M. G. BAXTER, T. SHUMAN, D. J. CAI;

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

 Add Note

### ☆ Presentation 493.15 Ensemble reactivation during an offline period links recent experience with past memories

8:00 AM - 12:00 PM

\*Y. ZAKI<sup>1</sup>, D. M. MORALES-RODRIGUEZ<sup>2</sup>, T. FRANCISCO<sup>3</sup>, Z. T. PENNINGTON<sup>4</sup>, A. LABANCA<sup>3</sup>, Z. DONG<sup>1</sup>, T. SHUMAN<sup>6</sup>, K. RAJAN<sup>5</sup>, D. J. CAI<sup>7</sup>;

<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Neurobio., Univ. of Chicago, New York, NY; <sup>4</sup>Dept. of Neurosci., <sup>5</sup>Neurosci., <sup>3</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>6</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>7</sup>Mount Sinai, New York, NY

 Add Note

### ☆ Presentation 493.16 Ensemble-specific deficit in neuronal intrinsic excitability in aged mice.

8:00 AM - 12:00 PM

\*T. FRANCISCO<sup>1</sup>, A. BAGGETTA<sup>2</sup>, L. CHEN<sup>3</sup>, S. RAMIREZ<sup>4</sup>, R. L. CLEM<sup>5</sup>, T. SHUMAN<sup>6</sup>, D. J. CAI<sup>7</sup>;


<sup>2</sup>Neurosci., <sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>3</sup>Mt Sinai Sch. of Med., NEW YORK, NY; <sup>4</sup>Boston Univ., Boston, MA; <sup>5</sup>Neurosci., Mount Sinai Sch. of Med., New York, NY; <sup>6</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>7</sup>Mount Sinai, New York, NY

 Add Note

## ☆ 495. Advances in Circuit Tracing

8:00 AM - 12:00 PM

SDCC Halls B-H


 Add Note

### ☆ Presentation 495.08 Single neurons in macaque basolateral amygdala exhibit distinct patterns of collateral projections to frontal cortex and subcortical structures

8:00 AM - 12:00 PM

\*Z. R. ZEISLER, J. M. FREDERICKS, W. G. JANSSEN, F. M. STOLL, R. L. CLEM, P. H. RUDEBECK;

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

 Add Note

## ☆ 498. Computational Tools and Other Resources: Microscopy and Imaging

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 498.16 Modeling and quantifying spatial arrangement of unmyelinated axons in peripheral nerves

8:00 AM - 12:00 PM

\*A. SHEMONTI<sup>1</sup>, E. PLEBANI<sup>4</sup>, N. P. BISCOLA<sup>5</sup>, L. A. HAVTON<sup>5,6,7</sup>, J. R. KEAST<sup>8</sup>, A. POTHEN<sup>1</sup>, M. DUNDAR<sup>4</sup>, T. POWLEY<sup>2</sup>, B. RAJWA<sup>3</sup>;

<sup>1</sup>Dept. of Computer Sci., <sup>2</sup>Dept. of Psychological Sci., <sup>3</sup>Bindley Biosci. Ctr., Purdue Univ., West Lafayette, IN; <sup>4</sup>Dept. of Computer and Information Sci., Indiana Univ. - Purdue Univ., Indianapolis, IN; <sup>5</sup>Dept. of Neurol., <sup>6</sup>Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>7</sup>James J. Peters Dept. of Veterans Affairs Med. Ctr., Bronx, NY; <sup>8</sup>Dept. of Anat. and Physiol., Univ. of Melbourne, Parkville, Victoria, Australia

 Add Note

## ☆ 517. Human Intracranial Recording: Memory, Cognition, and Emotion

1:00 PM - 4:30 PM

SDCC 33

 Add Note

## ☆ 521. NMDA Receptors: Biophysical Properties and

1:00 PM - 5:00 PM

**Pharmacology**

SDCC Halls B-H

 Add Note☆ **525. Epilepsy Mechanisms**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **527. Reactive Astrocytes**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **528. Brain Aging: Molecular and Cellular Changes**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **529. Neuroinflammation: Alzheimer's and Amyloid: *In Vivo* Models**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **530. Synaptic Dysfunction in Alzheimer's Disease: *In Vitro* Models**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **539. Promoting Spinal Cord Repair: Genes, Cells, Neuromodulation**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **541. Neuropathic and Inflammatory Pain**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **544. Auditory: Learning and Adaptation**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **551. Sensing and Detecting Movement**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **552. Stress-Modulated Pathways: Amygdala**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **553. Neuroimmune Function and Behavior**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **555. Fear and Aversive Learning and Memory: Acquisition**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **556. Neurobiology of Fear and Aversion**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **561. Addictive Drugs: Pharmacology and Neural Mechanisms**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **567. Neural Mechanisms of Decision Making: Risk and Ambiguity**

1:00 PM - 5:00 PM

SDCC Halls B-H


 Add Note☆ **517. Human Intracranial Recording: Memory, Cognition, and Emotion**

1:00 PM - 4:30 PM

SDCC 33


 Add Note☆ **Presentation 517.04 Neuronal activity in the human amygdala and hippocampus enhances emotional memory encoding**

1:45 PM - 2:00 PM

\*S. E. QASIM<sup>1</sup>, U. R. MOHAN<sup>2</sup>, J. M. STEIN<sup>3</sup>, J. JACOBS<sup>4</sup>;<sup>1</sup>Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Natl. Inst. of Neurolog. Disorders and Stroke, Washington D.C., DC; <sup>3</sup>Univ. of Pennsylvania, Philadelphia, PA; <sup>4</sup>Columbia Univ., Columbia Univ., New York, NY Add Note☆ **528. Brain Aging: Molecular and Cellular Changes**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 528.18 Human Histopathologic Brain Age Estimation via Deep Multiple Instance Learning**

1:00 PM - 5:00 PM

\*G. A. MARX<sup>1</sup>, A. T. MCKENZIE<sup>2</sup>, J. KAUFFMAN<sup>3</sup>, D. G. KOENIGSBERG<sup>2</sup>, C. MCMILLAN<sup>4</sup>, K. FARRELL<sup>2</sup>, J. F. CRARY<sup>5</sup>;<sup>1</sup>Icahn Sch. of Med., New York, NY; <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Icahn Sch. of Med. at Mount Sinai, Long Island City, NY; <sup>4</sup>Univ. of Pennsylvania, Philadelphia, PA; <sup>5</sup>Pathology, Icahn Sch. of Med. At Mount Sinai, New York, NY Add Note☆ **541. Neuropathic and Inflammatory Pain**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 541.24 Therapeutic effect of boldine in spare nerve injury-induced pain in mice** 1:00 PM - 5:00 PM

J. PAN<sup>1</sup>, W. BAUMAN<sup>1</sup>, C. CARDOZO<sup>1,2</sup>, \*W. ZHAO<sup>1,2</sup>;

<sup>1</sup>James J Peters VA Med. Ctr., James J Peters VA Med. Ctr., Bronx, NY; <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note


☆ **551. Sensing and Detecting Movement** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 551.10 The cortical amygdala contributes to distinct social behaviors in a sexually dimorphic manner** 1:00 PM - 5:00 PM

\*A. V. AUBRY, L. LI, R. DURAND-DE CUTTOLI, S. J. RUSSO;  
Icahn Sch. of Med., New York, NY

 Add Note

☆ **553. Neuroimmune Function and Behavior** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 553.09 Chronic social defeat stress increases intestinal permeability and inflammation in mice** 1:00 PM - 5:00 PM

\*K. L. CHAN<sup>1</sup>, L. LI<sup>4</sup>, L. F. PARISE<sup>5</sup>, F. CATHOMAS<sup>2</sup>, K. B. LECLAIR<sup>6</sup>, Y. SHIMO<sup>7</sup>, R. DURAND-DE CUTTOLI<sup>2</sup>, A. V. AUBRY<sup>8</sup>, H.-Y. LIN<sup>2</sup>, C. YUAN<sup>2</sup>, M. P. KASTER<sup>2</sup>, J. WANG<sup>2</sup>, S. J. RUSSO<sup>3</sup>;

<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>4</sup>Dept. of Neurosci., Icahn Sch. of Med., Mt.Sinai Sch. of Med., New York, NY;

<sup>5</sup>Neurosci., Mt.Sinai Sch. of Med., New York, NY; <sup>6</sup>Neurosci., <sup>7</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>8</sup>Icahn Sch. of Med., Astoria, NY

 Add Note

☆ **555. Fear and Aversive Learning and Memory: Acquisition** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 555.16 Unbiased identification of a novel hypothalamic nucleus that regulates persistent fear and anxiety states after severe stress** 1:00 PM - 5:00 PM

\*A. LABANCA<sup>1</sup>, Z. T. PENNINGTON<sup>2</sup>, A. C. W. SMITH<sup>3</sup>, Z. DONG<sup>4</sup>, P. SOMPOLPONG<sup>4</sup>, R. L. CLEM<sup>5</sup>, P. J. KENNY<sup>6</sup>, D. J. CAI<sup>7</sup>;

<sup>2</sup>Dept. of Neurosci., <sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>3</sup>The Med. Univ. of South Carolina, Charleston, SC; <sup>4</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>5</sup>Neurosci., Mount Sinai Sch. of Med., New York, NY; <sup>6</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>7</sup>Mount Sinai, New York, NY

 Add Note

☆ **Presentation 555.17 Plasticity in dissociable neural circuits supports the divergent consequences of severe stress** 1:00 PM - 5:00 PM


\*Z. PENNINGTON, A. LABANCA, Z. DONG, P. SOMPOLPONG, S. KOSARUSSAVADI, D. J. CAI;

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

 Add Note

☆ **561. Addictive Drugs: Pharmacology and Neural Mechanisms** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 561.03 Nos1 and NO in the interpeduncular nucleus mediate**

**Oxycodone tolerance**

1:00 PM - 5:00 PM

\*K. NIBLO<sup>1</sup>, M. JODEIRI-FASHBAF<sup>2</sup>, Z. OKETOKOUN<sup>2</sup>, C. FILLINGER<sup>3</sup>, P. BALI<sup>3</sup>, M. HEYER<sup>3</sup>, P. J. KENNY<sup>3</sup>, J. L. ABLES<sup>2</sup>;  
<sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>Psychiatry, <sup>3</sup>Neurosci., Icahn Sch. of  
 Med. At Mount Sinai, New York, NY

 Add Note

### ☆ 567. Neural Mechanisms of Decision Making: Risk and Ambiguity

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

#### ☆ Presentation 567.14 The role of ventrolateral prefrontal cortex in the probabilistic choices

1:00 PM - 5:00 PM

\*A. FUJIMOTO<sup>1</sup>, C. ELORETTE<sup>1</sup>, S. H. FUJIMOTO<sup>1</sup>, D. FOLLONI<sup>1</sup>, N. BIENKOWSKA<sup>1</sup>, L. FLEYSHER<sup>2</sup>, B. E. RUSS<sup>3,1,4</sup>, P. H. RUDEBECK<sup>1</sup>;  
<sup>1</sup>Neurosci., <sup>2</sup>BioMedical Engin. and Imaging Inst., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Nathan Kline Inst., Orangeburg, NY; <sup>4</sup>Psychiatry, New York Univ. at Langone, New York, NY

 Add Note

### ☆ 569. Social Cognition: Animal Behavior I

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

#### ☆ Presentation 569.17 Problem solving in wistar rats using a conspecific as goal

1:00 PM - 5:00 PM

\*J. C. PARRA-CRUZ<sup>1</sup>, A. LONGÁN<sup>1</sup>, P. S. DILLON SOARES-FILHO<sup>2</sup>, D. M. CORTÉS-PATIÑO<sup>3</sup>, J. BURITICÁ<sup>1</sup>;  
<sup>1</sup>Lab. of Cognition and Comparative Learning, CEIC, Univ. of Guadalajara, Guadalajara, Mexico; <sup>2</sup>Lab. of Complex Behavioral Processes: aversive contingencies and ontogenesis of creativity, Univ. Federal of Pará, Belém, Brazil; <sup>3</sup>Lab. of Neurosci., Natl. Univ. of Colombia, Bogotá, Colombia

 Add Note

### ☆ 507. Understanding the (Dys)function of Motivational Circuits and Maladaptive Feeding - Bridget Matikainen-Ankney

2:00 PM - 4:30 PM

SDCC 6A

 Add Note

### ☆ 507. Understanding the (Dys)function of Motivational Circuits and Maladaptive Feeding - Bridget Matikainen-Ankney

2:00 PM - 4:30 PM


SDCC 6A

 Add Note

#### ☆ Presentation 507 Co Chair

2:05 PM - 2:05 PM

R. M. O'Connor;  
 Icahn School of Medicine at Mount Sinai, New York, NY.

 Add Note

#### ☆ Presentation 507.06 Habenular foraging circuits link environmental threats to food valuation and drive compulsive eating in obesity

3:25 PM - 3:45 PM

R. M. O'Connor, O'Connor;  
 Icahn School of Medicine at Mount Sinai, New York, NY.

 Add Note

☆ **594. Mechanisms of Brain Injury and Recovery**

8:00 AM - 9:30 AM

SDCC 33

 Add Note☆ **598. Genomics and Transcriptomics in Health and Disease**

8:00 AM - 10:15 AM

SDCC 23

 Add Note☆ **599. Mechanisms of Glial Development**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **613. Alzheimer Disease Multiomics**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **616. APP/Abeta Cellular and Animal Models I**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **618. LRRK2 Mechanisms, Targets, and Pathways**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **620. ALS Mechanisms and Models II**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **621. Neuroinflammation: Immunomodulators, Anti-Inflammatories**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **625. Non-Pharmacological Approaches to Stroke Treatment**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **651. Neural and Behavioral Variables Associated with Cocaine Use**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **652. Fentanyl Seeking**

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

### ☆ 658. Learning and Memory: Hippocampal: Cortical Interactions III

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

### ☆ 668. Computational Tools for Experimental Studies

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

### ☆ 598. Genomics and Transcriptomics in Health and Disease

8:00 AM - 10:15 AM

SDCC 23

Add Note

#### ☆ Presentation 598.03 Heroin abuse-associated transcriptional and epigenetic alterations in the orbitofrontal cortex concentrate in GABA interneurons and provide insight into cell type-specific regulatory response

8:30 AM - 8:45 AM

\*J. M. NOSHAY<sup>1</sup>, K. A. SULLIVAN<sup>1</sup>, A. KOZLENKOV<sup>2,4</sup>, A. TOWNSEND<sup>1</sup>, G. ROMPALA<sup>2</sup>, R. VADUKAPURAM<sup>2</sup>, Y. L. HURD<sup>2,3</sup>, D. A. JACOBSON<sup>1</sup>, S. DRACHEVA<sup>4,2</sup>;

<sup>1</sup>Oak Ridge Natl. Lab., Oak Ridge, TN; <sup>2</sup>Friedman Brain Inst. and Dept. of Psychiatry, <sup>3</sup>Addiction Inst., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>4</sup>James J. Peters VA Med. Ctr., Bronx, NY

Add Note

#### ☆ Presentation 598.06 Map of full-length isoforms in the human brain

9:15 AM - 9:30 AM

X. LIN<sup>1</sup>, Y. HADAS<sup>1</sup>, E. HADJIMICHAEL<sup>1</sup>, L. LI<sup>2</sup>, A. WEIMER<sup>3</sup>, E. KOORNSTRA<sup>1</sup>, T. WANG<sup>3</sup>, L. ERJAVC<sup>1</sup>, X. WANG<sup>2</sup>, PSYCHENCODE CONSORTIUM<sup>4</sup>, M. SNYDER<sup>3</sup>, C. LIU<sup>5</sup>, A. E. URBAN<sup>3</sup>, \*D. PINTO<sup>1</sup>;

<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Univ. of North Dakota, Grand Forks, ND; <sup>3</sup>Stanford Univ., Palo Alto, CA; <sup>4</sup>PEC, New York, NY; <sup>5</sup>Upstate Med. Univ., New York, NY

Add Note

### ☆ 599. Mechanisms of Glial Development

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

#### ☆ Presentation 599.06 Novel approach to isolate oligodendrocyte precursor cell nuclei from human postmortem brain facilitated uncovering the epigenetic regulation in oligodendrocyte lineage

8:00 AM - 12:00 PM

\*A. KOZLENKOV<sup>1</sup>, R. VADUKAPURAM<sup>1</sup>, P. ZHOU<sup>1</sup>, M. WEGNER<sup>2</sup>, S. DRACHEVA<sup>1,3</sup>;

<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Dept. of Biochemistry, Friedrich-Alexander Univ. Erlangen-Nuremberg (FAU), Erlangen, Germany; <sup>3</sup>James J. Peters VA Hosp., Bronx, NY

Add Note

### ☆ 616. APP/Abeta Cellular and Animal Models I

8:00 AM - 12:00 PM

SDCC Halls B-H

Add Note

#### ☆ Presentation 616.11 Tau hyperphosphorylation through increased amyloid precursor protein in exosomes in a cell culture model of the metabolic syndrome

8:00 AM - 12:00 PM

\*B. KIM<sup>1</sup>, E. L. FELDMAN<sup>2</sup>;

<sup>1</sup>Univ. of Michigan, <sup>2</sup>Neurol., Univ. of Michigan, Ann Arbor, MI

 Add Note

☆ **Presentation 616.16 Entorhinal-hippocampal desynchronization in a mouse model of Alzheimer's disease pathology** 8:00 AM - 12:00 PM

\*L. M. VETERE<sup>1</sup>, L. CHEN<sup>1</sup>, Z. CHRISTENSON WICK<sup>1</sup>, O. LIOBIMOVA<sup>2</sup>, D. J. CAI<sup>1</sup>, T. SHUMAN<sup>1</sup>;  
<sup>1</sup>Neurosci., <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **618. LRRK2 Mechanisms, Targets, and Pathways** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 618.02 Characterization of Parkinson's disease mutant LRRK2-G2019S in dysregulating microglial secretion of lysosomal proteins** 8:00 AM - 12:00 PM

\*B. HUANG<sup>1</sup>, I. CHOI<sup>2</sup>;  
<sup>1</sup>Icahn Sch. Of Med. at Mount Sinai, New York, NY; <sup>2</sup>Neurol., Icahn Sch. of Med. At Mount Sinai, New York, NY

 Add Note

☆ **625. Non-Pharmacological Approaches to Stroke Treatment** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 625.18 Sex differences in gut dysbiosis in rodent sensorimotor stroke and probiotic therapy for stroke outcomes** 8:00 AM - 12:00 PM

Author Block needs to be regenerated

 Add Note

☆ **645. Vocal/Social Communication – Avian I** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 645.02 Sonic Hedgehog pathway regulation in Hippocampus and HVC during song stimulation in *Serinus canaria*** 8:00 AM - 12:00 PM

\*R. POSADA-DUQUE<sup>1</sup>, H. RIVERA-GUTIERREZ<sup>2</sup>, M. BERMUDEZ-MUÑOZ<sup>3</sup>, A. DAZA-ZAPATA<sup>1</sup>;  
<sup>1</sup>ECOevo and GNA, Inst. of Biology, Univ. of Antioquia, Medellín, Colombia; <sup>2</sup>ECOevo, Inst. of Biology, Univ. of Antioquia, Medellín, Colombia; <sup>3</sup>Inst. of Biology, Univ. of Antioquia, Medellín, Colombia

 Add Note

☆ **651. Neural and Behavioral Variables Associated with Cocaine Use** 8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 651.05 Speaking for five minutes about the positive consequences of abstinence predicts drug use severity a year later in cocaine addiction** 8:00 AM - 12:00 PM

\*C. AGURTO<sup>1</sup>, G. A. CECCHI<sup>1</sup>, E. K. EYIGOZ<sup>1</sup>, R. NOREL<sup>1</sup>, N. ALIA-KLEIN<sup>2</sup>, R. Z. GOLDSTEIN<sup>2,3</sup>;  
<sup>1</sup>IBM, Yorktown Heights, NY; <sup>2</sup>Dept. of Psychiatry, <sup>3</sup>Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **652. Fentanyl Seeking**

8:00 AM - 12:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 652.13 Microbiome knockdown in adolescence alters behavioral flexibility, fentanyl reinstatement, and protein expression in prelimbic cortex**

8:00 AM - 12:00 PM

\*R. HOFFORD<sup>1,3</sup>, A. L. SHIPMAN<sup>3</sup>, W. WANG<sup>4</sup>, J. J. CHOW<sup>5</sup>, T. T. LAM<sup>4</sup>, D. KIRALY<sup>2,6</sup>;<sup>1</sup>Wake Forest Sch. of Med., Winston-Salem, NC; <sup>2</sup>Wake Forest Sch. of Med., Winston-Salem, NY; <sup>3</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>4</sup>Yale Univ., New Haven, CT; <sup>5</sup>NIDA IRP, Baltimore, MD; <sup>6</sup>Icahn Sch. of Med., New York, NY Add Note☆ **584. The Emerging Interface Between Epilepsy and Autism: From Shared Molecules to Common Circuitry Defects - Yang Yang**

9:30 AM - 12:00 PM

SDCC 6DE

 Add Note☆  **587. Adaptive Behavior: From Cognitive Control to Clinical Conditions - Tom Macpherson**

9:30 AM - 12:00 PM

SDCC 6A

 Add Note☆ **584. The Emerging Interface Between Epilepsy and Autism: From Shared Molecules to Common Circuitry Defects - Yang Yang**

9:30 AM - 12:00 PM

SDCC 6DE

 Add Note☆ **Presentation 584.04 Breakdown of spatial coding and synchronization in epilepsy and its potential implications in autism**

10:15 AM - 10:35 AM

T. Shuman;

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

 Add Note☆  **587. Adaptive Behavior: From Cognitive Control to Clinical Conditions - Tom Macpherson**

9:30 AM - 12:00 PM


SDCC 6A

 Add Note☆ **Presentation 587.04 Efficient regulation and dysregulation of top-down cognitive control circuit**

10:15 AM - 10:35 AM


H. Morishita;

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

 Add Note☆ **679. Microglial Activity and Dysfunction**

1:00 PM - 3:15 PM

SDCC 33

 Add Note☆ **678. Strategies to Improve Cognition**

1:00 PM - 3:45 PM

 Add Note☆ **688. Autism Pathophysiology: Human Studies**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **693. Structural Plasticity: Synapses**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **696. Epilepsy: *In Vivo* and Behavior**


1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **716. Cross-Modal Processing Including Language and Music**


1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **720. Movement Planning and Execution**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **726. Stress, Cognition, and Behavioral Regulation**


1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **734. Cocaine: Circuit Effects**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **735. Cocaine: Pharmacology**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **736. Prefrontal Cortex Regulation of Brain Function**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **737. Neural Correlates of Decision Making in the Orbitofrontal Cortex**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **738. Emotion and Behavior in Human Social Interaction**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **739. Emotion and Human Behavior**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **746. Imaging Approaches for Monitoring Neuronal Activity**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **749. Network Computation IV**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **678. Strategies to Improve Cognition**

1:00 PM - 3:45 PM

SDCC 5

 Add Note☆ **Presentation 678.02 Ccr5 closes the temporal window for memory linking**

1:15 PM - 1:30 PM

\*Y. SHEN<sup>1</sup>, M. ZHOU<sup>7</sup>, D. CAI<sup>8</sup>, D. ALMEIDA FILHO<sup>1</sup>, G. FERNANDES<sup>1</sup>, Y. CAI<sup>2</sup>, A. D. SOUSA<sup>1</sup>, M. TIAN<sup>3</sup>, N. KIM<sup>9,10</sup>, J. LEE<sup>10</sup>, D. NECULA<sup>4</sup>, C. ZHOU<sup>4</sup>, S. LI<sup>4</sup>, S. SALINAS<sup>7</sup>, A. LIU<sup>4</sup>, X. KANG<sup>4</sup>, M. KAMATA<sup>5</sup>, A. LAVI<sup>6</sup>, S. HUANG<sup>4</sup>, T. SILVA<sup>4</sup>, W. HEO<sup>10</sup>, A. SILVA<sup>4</sup>;  
<sup>1</sup>Neurobiology, Psychiatry and Psychology Departments & Integrative Ctr. for Learning and Memory, <sup>2</sup>Departments of Neurobiology, Psychiatry and Biobehavioral Sci., <sup>3</sup>Neurol., <sup>4</sup>Neurobiology, Psychiatry and Psychology Departments and Integrative Ctr. for Learning and Memory, <sup>5</sup>Dept. of Hematology and Oncology, <sup>6</sup>Dept. of Neurobiology, Psychiatry, Psychology and the Brain Res. Instit, UCLA, Los Angeles, CA; <sup>7</sup>Grad. Col. of Biomed. Sciences, Western Univ. of Hlth. Sci., Pomona, CA; <sup>8</sup>Neurosci. Dept., Icahn Sch. of Med., New York, NY; <sup>9</sup>Ctr. for Cognition and Sociality, Inst. for Basic Sci., Daejeon, Korea, Republic of; <sup>10</sup>Dept. of Biol. Sci., Korea Advanced Inst. of Sci. and Technol., Daejeon, Korea, Republic of

 Add Note☆ **679. Microglial Activity and Dysfunction**

1:00 PM - 3:15 PM

SDCC 33

 Add Note☆ **Presentation 679.02 Regulation of microglial state in aged hippocampus by blood-borne proteins**

1:15 PM - 1:30 PM

\*B. M. HEMMER, A. C. FERREIRA, J. D. ZHU, A. PHAN, J. M. CASTELLANO;  
 Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note☆ **688. Autism Pathophysiology: Human Studies**

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note☆ **Presentation 688.09 Examining atypical corollary discharge signaling with electroencephalography in autism spectrum disorder**

1:00 PM - 5:00 PM

\*J. TRAYVICK<sup>1</sup>, S. B. GUILLORY<sup>2</sup>, C. S. MCLAUGHLIN<sup>3</sup>, E. L. ISENSTEIN<sup>4</sup>, K. N. THAKKAR<sup>5</sup>, D. MATHALON<sup>6</sup>, J. H. FOSS-FEIG<sup>1</sup>;  
<sup>1</sup>Seaver Autism Center, Dept. of Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Leidos, New York, NY; <sup>3</sup>Columbia Univ. Vagelos Col. of Physicians and Surgeons, New York, NY; <sup>4</sup>Brain and Cognitive Sci., Univ. of Rochester, Rochester, NY; <sup>5</sup>Dept. of Psychology, Michigan State Univ., Lansing, MI; <sup>6</sup>UCSF Sch. of Med., Univ. of California, San Francisco, San Francisco, CA

 Add Note

☆ **696. Epilepsy: *In Vivo* and Behavior**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 696.04 Progressive Hippocampal Entorhinal Desynchronization in Chronically Epileptic Mice**

1:00 PM - 5:00 PM

\*Y. FENG<sup>1</sup>, L. PAGE-HARLEY<sup>1</sup>, K. DIEGO<sup>2</sup>, Z. DONG<sup>1</sup>, S. I. LAMSIFER<sup>3</sup>, A. JURKOWSKI<sup>1</sup>, J. SCHNIPPER<sup>1</sup>, D. J. CAI<sup>1</sup>, T. SHUMAN<sup>1</sup>;  
<sup>2</sup>Neurosci., <sup>3</sup>Nash Family Dept. of Neurosci., <sup>1</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ **Presentation 696.13 Closed-loop control of inhibitory theta phase locking and its influence on seizure activity and cognition**

1:00 PM - 5:00 PM

\*Z. CHRISTENSON WICK<sup>1</sup>, P. A. PHILIPSBERG<sup>1</sup>, S. I. LAMSIFER<sup>1</sup>, E. KATANOV<sup>3</sup>, C. KOHLER<sup>4</sup>, D. J. CAI<sup>2</sup>, T. SHUMAN<sup>1</sup>;  
<sup>2</sup>Neurosci., <sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Hunter Col., New York, NY; <sup>4</sup>New York Univ., New York, NY

Add Note

☆ **Presentation 696.14 Characterization of Spatial Memory Deficits and Cell Loss in Pilocarpine Induced Chronically Epileptic Mice**

1:00 PM - 5:00 PM

\*K. DIEGO, Y. FENG, Z. T. PENNINGTON, T. SHUMAN;  
 Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ **707. Neuronal Injury and Death II**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 707.10 Paclitaxel-induced neurotoxicity involves TRPV4 activation through IP3K, but not through PKA or PKC**

1:00 PM - 5:00 PM

\*J. C. SÁNCHEZ, L. V. MUÑOZ, A. VALENCIA-VÁSQUEZ, J. C. OLAYA-GÓMEZ, J. F. HENAO-MARTÍNEZ, A. ALEMÁN-CASTELLANOS, J. GUERRERO-APRÁEZ, L. F. MARTÍNEZ-MURILLO;  
 Fac. of Hlth. Sci., Univ. Tecnológica De Pereira, Pereira, Colombia

Add Note

☆ **734. Cocaine: Circuit Effects**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 734.01 Assessing the effects of  $\Delta$ FOSB induction on the in vivo activity of nucleus accumbens medium spiny neurons**

1:00 PM - 5:00 PM

\*T. MARKOVIC, A. GODINO, E. M. PARISE, T. M. GYLES, E. J. NESTLER;  
 Icahn Sch. of Med. at Mount Sinai, Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ **Presentation 734.02 Circuit-wide gene network analysis reveals a role for phosphodiesterase enzymes in cocaine addiction**

1:00 PM - 5:00 PM

\*C. D. TEAGUE<sup>1</sup>, X. ZHOU<sup>1</sup>, F. J. MARTINEZ<sup>3</sup>, A. M. MINIER-TORIBIO<sup>4</sup>, K. E. LUCERNE<sup>1</sup>, A. GODINO<sup>4</sup>, R. FUTAMURA<sup>2</sup>, C. J. BROWNE<sup>5</sup>, Y. VAN DER ZEE<sup>6</sup>, A. RAMAKRISHNAN<sup>3</sup>, D. M. WALKER<sup>7</sup>, L. SHEN<sup>1</sup>, B. ZHANG<sup>1</sup>, E. J. NESTLER<sup>2</sup>;  
<sup>2</sup>Neurosci., <sup>1</sup>Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>4</sup>Nash Family Dept. of Neurosci., <sup>5</sup>Neurosci., <sup>3</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>6</sup>Dept. of Psychiatry and Neuropsychology, Maastricht Univ., Maastricht, Netherlands; <sup>7</sup>Behavioral Neurosci., Oregon Hlth. and Sci. Univ., Portland, OR

Add Note

☆ **Presentation 734.03 Transcriptomic analysis of the nucleus accumbens after volitional heroin intake implicates Mbd3 as a key regulator of relapse susceptibility**

1:00 PM - 5:00 PM

R. FUTAMURA<sup>1</sup>, C. J. BROWNE<sup>1</sup>, X. ZHOU<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, A. M. MINIER-TORIBIO<sup>1</sup>, M. SALER<sup>1</sup>, A. GODINO<sup>1</sup>, B. ZHANG<sup>1</sup>, Y. L. HURD<sup>1</sup>, L. SHEN<sup>1</sup>, E. J. NESTLER<sup>1</sup>;

<sup>1</sup>Nash Family Dept. of Neurosci. and Friedman Brain Inst., <sup>2</sup>Genet. and Genomic Sci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation 734.04 Transcriptional correlates of drug-associated memories in the nucleus accumbens** 1:00 PM - 5:00 PM

F. J. MARTINEZ-RIVERA<sup>1</sup>, S. TOFANI<sup>1</sup>, L. HOLT<sup>2</sup>, S.-Y. YEH<sup>1</sup>, R. DURAND-DE CUTTOLI<sup>1</sup>, M. ESTILL<sup>3</sup>, A. M. MINIER-TORIBIO<sup>4</sup>, R. FUTAMURA<sup>5</sup>, D. MASON<sup>1</sup>, G. ROJAS<sup>1</sup>, H. ALEYASIN<sup>1</sup>, S. J. RUSSO<sup>1</sup>, L. SHEN<sup>6</sup>, E. J. NESTLER<sup>5</sup>;

<sup>1</sup>Neurosci., <sup>2</sup>Neurosci. Dept., <sup>3</sup>Neurosci., <sup>4</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY;

<sup>5</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>6</sup>Neurosci., Icahn Sch. Med. at Mount Sinai, New York, NY

 Add Note

☆ **Presentation 734.05 Elucidation of the astrocyte-specific transcriptome following cocaine self-administration** 1:00 PM - 5:00 PM

\*L. HOLT<sup>1</sup>, A. M. MINIER-TORIBIO<sup>1</sup>, C. J. BROWNE<sup>1</sup>, R. FUTAMURA<sup>1</sup>, E. M. PARISE<sup>1</sup>, S.-Y. YEH<sup>1</sup>, M. ESTILL<sup>1</sup>, F. MARTINEZ-RIVERA<sup>1</sup>, Y. DONG<sup>2</sup>, E. J. NESTLER<sup>1</sup>;

<sup>1</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Univ. of Pittsburgh, Univ. of Pittsburgh, Pittsburgh, PA

 Add Note

☆ **Presentation 734.06 Proteomic Profiling of Nucleus Accumbens Synaptosomes Following Withdrawal From Cocaine or Heroin Self-Administration.** 1:00 PM - 5:00 PM

\*Y. YIM<sup>1</sup>, C. J. BROWNE<sup>1</sup>, A. GODINO<sup>1</sup>, A. M. MINIER-TORIBIO<sup>1</sup>, F. MARTINEZ-RIVERA<sup>1</sup>, A. LY<sup>2</sup>, J. CALLENS<sup>1</sup>, R. FUTAMURA<sup>1</sup>, J. A. LANDRY<sup>1</sup>, R. S. WILSON<sup>3</sup>, A. C. NAIRN<sup>4</sup>, Y. L. HURD<sup>1</sup>, E. J. NESTLER<sup>1</sup>;

<sup>1</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Univ. of Colorado Boulder, Univ. of Colorado Boulder Dept. of Psychology and Neurosci., Boulder, CO; <sup>3</sup>Yale /NIDA proteomics center, New Haven, CT; <sup>4</sup>Yale Univ., Yale Univ., New Haven, CT

 Add Note

☆ **735. Cocaine: Pharmacology** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 735.26 Epigenetic priming underlies cell-type-specific gene expression after cocaine withdrawal** 1:00 PM - 5:00 PM

\*P. MEWS<sup>1</sup>, Y. VAN DER ZEE<sup>1</sup>, H. KRONMAN<sup>1</sup>, A. GURUNG<sup>1</sup>, A. RAMAKRISHNAN<sup>1</sup>, C. J. BROWNE<sup>1</sup>, R. FUTURAMA<sup>1</sup>, M. ESTILL<sup>1</sup>, M. RYAN<sup>1</sup>, A. REYES<sup>1</sup>, S. SIDOLI<sup>2</sup>, L. SHEN<sup>1</sup>, E. J. NESTLER<sup>1</sup>;

<sup>1</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Albert Einstein Col. of Med., New York, NY

 Add Note

☆ **737. Neural Correlates of Decision Making in the Orbitofrontal Cortex** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

☆ **Presentation 737.06 Decision making in the context of multi-attribute options** 1:00 PM - 5:00 PM

\*A. PERKINS<sup>1</sup>, E. L. RICH<sup>2</sup>;

<sup>1</sup>Nash Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>2</sup>Nash Dept. of Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY

 Add Note

☆ **738. Emotion and Behavior in Human Social Interaction** 1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 738.08 Navigating social relationships: the role of the hippocampus

1:00 PM - 5:00 PM

\*M. SCHAFER<sup>1</sup>, V. SAHANI<sup>2</sup>, K. BACHI<sup>3</sup>, D. SCHILLER<sup>4</sup>;<sup>1</sup>Mount Sinai Sch. of Med., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>Mount Sinai Sch. of Med., New York, NY; <sup>3</sup>Psychiatry and Neurosci., <sup>4</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY Add Note

### ☆ Presentation 738.07 The Human Affectome and an Active Inference Model of Emotion Episodes

1:00 PM - 5:00 PM

\*A. N. C. YU<sup>1</sup>, D. SCHILLER<sup>2</sup>, R. SMITH<sup>3</sup>, E. BILEK<sup>4</sup>, S. N. GARFINKEL<sup>5</sup>, L. LOWE<sup>6</sup>, K. J. FRISTON<sup>7</sup>;<sup>1</sup>Nash Family Dept. of Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>3</sup>Laureate Inst. for Brain Res., Tulsa, OK; <sup>4</sup>Central Inst. of Mental Hlth., Mannheim, Germany; <sup>5</sup>Inst. of Cognitive Neurosci., UCL, London, United Kingdom; <sup>6</sup>Neuroqualia, Truro, NS, Canada; <sup>7</sup>Wellcome Trust Ctr. For Neuroimaging, London, United Kingdom Add Note

### ☆ Presentation 738.06 Neural computations underlying social mood

1:00 PM - 5:00 PM

\*A. NEAL<sup>1,2,3</sup>, O. PERL<sup>1,4,5</sup>, B. H. KOPELL<sup>4,5,6,7</sup>, M. HEFLIN<sup>1,5</sup>, S. E. QASIM<sup>1,4,5</sup>, S. NA<sup>1,4,5</sup>, K. T. KISHIDA<sup>8</sup>, P. MONTAGUE<sup>9</sup>, I. SAEZ<sup>4,6,7</sup>, X. GU<sup>1,4,5</sup>;<sup>1</sup>Ctr. for Computat. Psychiatry, <sup>2</sup>Grad. Training Program in Neurosci., <sup>3</sup>Med. Scientist Training Program, <sup>4</sup>Nash Family Dept. of Neurosci., <sup>5</sup>Dept. of Psychiatry, <sup>6</sup>Dept. of Neurol., <sup>7</sup>Dept. of Neurosurg., Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>8</sup>Physiol. and Pharmacol., Wake Forest Univ. Sch. of Med., Winston Salem, NC; <sup>9</sup>VTC Fralin Biomed. Res. Inst., Roanoke, VA Add Note

### ☆ Presentation 738.09 Impaired Neural and Behavioral Navigation of Dynamic Social Relationships in Autism Spectrum Disorder

1:00 PM - 5:00 PM

\*S. BANKER<sup>1</sup>, M. SCHAFER<sup>1</sup>, S. BARKLEY<sup>2</sup>, J. TRAYVICK<sup>2</sup>, X. GU<sup>2</sup>, D. SCHILLER<sup>2</sup>, J. H. FOSS-FEIG<sup>2</sup>;<sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY Add Note

### ☆ Presentation 738.10 Altered sense of social control in adolescents with eating disorder

1:00 PM - 5:00 PM

\*Q. FU<sup>1</sup>, J. HARPER<sup>2</sup>, J. PALKA<sup>2</sup>, C. MCADAMS<sup>2</sup>, X. GU<sup>3</sup>;<sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>UT Southwestern Med. Ctr., Dallas, TX; <sup>3</sup>Icahn Sch. of Med. at Mount Sinai, New York City, NY Add Note

## ☆ 739. Emotion and Human Behavior

1:00 PM - 5:00 PM

SDCC Halls B-H

 Add Note

### ☆ Presentation 739.04 Parameterizing aperiodic and oscillatory electrophysiological activity in subcortical nuclei of patients with Parkinson's Disease

1:00 PM - 5:00 PM

\*A. VALENTINE, S. QASIM, A. LUND, B. KOPELL, A. CHARNEY, I. SAEZ;

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

 Add Note

### ☆ Presentation 739.08 Investigating the neurophysiological basis of subjective wellbeing in humans using intracranial electroencephalography

1:00 PM - 5:00 PM

\*A. FINK<sup>1</sup>, J. OVERTON<sup>2</sup>, L. NUNEZ<sup>2</sup>, X. GU<sup>3</sup>, I. SAEZ<sup>2</sup>;<sup>1</sup>Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>2</sup>Nash Family Dept. of Neurosci., <sup>3</sup>Ctr. for Computat. Psychiatry, Icahn Sch. of Med. at Mount Sinai, New York, NY

Add Note

☆ **Presentation 739.06 The neural basis of representation learning in the human prefrontal cortex**

1:00 PM - 5:00 PM

\*C. MAHER, X. GU, A. RADULESCU, I. SAEZ;  
Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ **Presentation 739.05 A Computational Account for Momentary Craving in Eating and Substance Use Disorders**

1:00 PM - 5:00 PM

\*K. R. KULKARNI, L. BERNER, V. G. FIORE, X. GU;  
Ctr. for Computat. Psychiatry, Icahn Sch. of Med. At Mount Sinai, New York, NY

Add Note

☆ **Presentation 739.07 Emotion regulation in Bulimia Nervosa: a potential central role for the Inferior Parietal Cortex**

1:00 PM - 5:00 PM

\*C. SUN<sup>1</sup>, A. SIMMONS<sup>3</sup>, T. VIRANDA<sup>2</sup>, J. CHEN<sup>4</sup>, A. KRUEGER<sup>3</sup>, W. H. KAYE<sup>3</sup>, L. A. BERNER<sup>2</sup>;  
<sup>1</sup>Neurosci., <sup>2</sup>Psychiatry, Icahn Sch. of Med. At Mount Sinai, New York, NY; <sup>3</sup>Psychiatry, UCSD, San Diego, CA; <sup>4</sup>Psychology, Drexel Univ., Philadelphia, PA

Add Note

☆ **746. Imaging Approaches for Monitoring Neuronal Activity**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 746.09 Simultaneous dual-color calcium imaging in freely-behaving mice**

1:00 PM - 5:00 PM

\*Z. DONG<sup>1</sup>, F. SANGIULIANO JIMKA<sup>2</sup>, Y. ZAKI<sup>1</sup>, A. BAGGETTA<sup>1</sup>, D. M. MORALES-RODRIGUEZ<sup>1</sup>, B. M. SWEIS<sup>3</sup>, Y. FENG<sup>1</sup>, D. M. KIRCHER<sup>1</sup>, P. A. SLESINGER<sup>1</sup>, T. SHUMAN<sup>1</sup>, D. AHARONI<sup>2</sup>, D. J. CAI<sup>1</sup>;  
<sup>1</sup>Neurosci., Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>2</sup>Dept. of Neurol., UCLA, Los Angeles, CA; <sup>3</sup>Psychiatry, Neurosci., Mount Sinai Sch. of Med., New York, NY

Add Note

☆ **749. Network Computation IV**

1:00 PM - 5:00 PM

SDCC Halls B-H

Add Note

☆ **Presentation 749.22 Artificial Neuronal Ensembles**

1:00 PM - 5:00 PM

\*M. J. TILLEY<sup>1</sup>, Z. DONG<sup>4</sup>, B. M. SWEIS<sup>5</sup>, A. BAGGETTA<sup>6</sup>, M. MILLER<sup>2</sup>, D. M. MORALES-RODRIGUEZ<sup>3</sup>, D. J. FREEDMAN<sup>1</sup>, D. J. CAI<sup>7</sup>;  
<sup>1</sup>Univ. of Chicago, Chicago, IL; <sup>2</sup>Univ. of Chicago, Pennington, NJ; <sup>3</sup>Neurobio., Univ. of Chicago, New York, NY; <sup>4</sup>Icahn Sch. of Med. at Mount Sinai, New York, NY; <sup>5</sup>Psychiatry, Neurosci., Mount Sinai Sch. of Med., New York, NY; <sup>6</sup>Neurosci., Icahn Sch. of Med. At Mount Sinai Grad. Training Program In Neurosci., New York, NY; <sup>7</sup>Mount Sinai, New York, NY

Add Note

☆ **671. Functionalized Brain Organoids: Going Beyond the Neuroectoderm - Galina Popova**

2:00 PM - 4:30 PM

SDCC 6A

Add Note

☆ **671. Functionalized Brain Organoids: Going Beyond the Neuroectoderm - Galina Popova**

2:00 PM - 4:30 PM

SDCC 6A

Add Note

☆ **Presentation 671.05 The use of microglia-cerebral organoid culture models to study microglial contributions to neurodevelopmental and neurodegenerative disorders**

A. Buonfiglioli;  
Icahn School of Medicine at Mount Sinai, New York, NY.

 Add Note