

SfN 2024 University of Michigan Presentations by Last Name

Last Name	First Name	Collaborators	Presentation Start	Presentation End	Presentation #	Presentation Title	Location
Saturday, October 5th							
Bueno-Junior	Lezio	A. GHIMIRE1, Y. HU, B. YE, M. B. O. WATSON	1:00 PM	5:00 PM	PSTR044.02	Supervised annotation of affiliative and aggressive behaviors in adult prairie voles exposed to early-life sleep disruption	MCP Hall A
Chan	Chun Hang Herman	A. G. Hudetz	1:00 PM	5:00 PM	PSTR010.03	Spiking neuronal network model with biologically plausible learning rule reproduces cortical firing patterns in wakeful and anesthetized states	MCP Hall A
Chen	Yu	L. A. FISH, T. STEVENSON, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR012.24	Data-independent acquisition proteomic approach reveals calcium-activated potassium channels and ADP-ribosylation factors are linked to cognitive resilience to Alzheimer's disease	MCP Hall A
Clements	Benjamin	S.W. Kemp, J.R. Traynor	1:00 PM	5:00 PM	PSTR022.11	Opioid positive allosteric modulators enhance methadone-mediated anti-allodynia in a rat-model of peripheral nerve injury.	MCP Hall A
Duan	Toni	M. Hagenauer, P. M. MARAS, S. Watson, H. Akil	1:00 PM	5:00 PM	PSTR035.04	A meta-analysis of the effects of early life stress on the prefrontal cortex transcriptome suggests long-term effects on myelin	MCP Hall A
Fry	Blaine	M. Zochowski	1:00 PM	5:00 PM	PSTR010.08	Cholinergic modulation of inhibitory subnetworks and their role in information processing	MCP Hall A
Gavade	Swapnil	S. YANG, J. L. SPENCER-SEGAL	1:00 PM	5:00 PM	PSTR046.07	Calcium Activity Patterns of Mouse Dorsal CA1 Hippocampal Neurons During Object Exploration	MCP Hall A
Moore	Shannon	C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR012.05	Using complex genetics in mice to unlock the secrets of resilience to dementia	MCP Hall A
Nagashima	Mikiko	P. HAGAN, P. F. HITCHCOCK	1:00 PM	5:00 PM	PSTR002.08	Determining the Function of IL10 Receptor Signaling During Neuronal Regeneration in Zebrafish	MCP Hall A
Neff	Ryan	K. STANGIS, G. G. MURPHY	1:00 PM	5:00 PM	PSTR003.12	Dscam Deficiency Recapitulates Cognitive and Sensorimotor Phenotypes Observed in Autism Spectrum Disorder	MCP Hall A
Nguyen	Duy	M. HAGENAUER, M. R. BHUIYAN,S. MENSCH, S. J. WATSON14, H. AKIL	1:00 PM	5:00 PM	TJP04.06SA	The Brain Data Alchemy Project, year 3: Public release of a pipeline for teaching research reproducibility and discovery science while mining gold from archived genomics data	MCP Hall A
Noureddine	Zahraa	M.R. Zochowski	1:00 PM	5:00 PM	PSTR010.10	Cholinergic regulation of network dynamics mediates switching between memory activation and reactivation modes during different vigilance states.	MCP Hall A
Sacchetti	Paola	CHARLAND	1:00 PM	5:00 PM	PSTR014.11	Effects of age and sex on ketogenic diet-induced metabolic shift and brain inflammation in healthy and 3xTg-AD mice	MCP Hall A

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Sunday, October 6th							
Arakawa	Hiroyuki	H. ARAKAWA	1:00 PM	5:00 PM	PSTR122.15	Posterior thalamic region implicating intralaminar nucleus are associated with social tactile process during social interaction in mice	MCP Room S105
Barkeley	Grant	K. E. FINN, W. C. STACEY	8:00 AM	12:00 PM	LBA002.057	Pattern matching of clinical intracranial EEG with NeuroPace recordings to identify biomarkers of seizure onset	MCP Hall A
Berridge	Kent	K. C. Berridge	10:30 AM	12:00 PM	DUP01.03	Speaker	MCP Hall A
Chestek	Cynthia	C. Chestek, Chair	1:00 PM	4:00 PM	NANO19	Chair	MCP Hall A
Deluisi	Joseph	E. R. GOLDENKOFF, T. G. LEE, J. A. BRISSENDEN, S. F. TAYLOR, T. A. POLK, M. VESIA	8:00 AM	12:00 PM	PSTR071.14	Persistent effects of multiple-day state-dependent parietal intermittent theta burst stimulation on sensorimotor control networks.	MCP Hall A
Duncan	Robert	R.K. Duncan	6:45 PM	8:45 PM	SOC11	Social Chair	MCP Room S103
Eldroubi	Nagham	K. M. SANTIAGO COLON, J. BARDEN, J. DISLA, J. MATTIS	8:00 AM	12:00 PM	LBA001.049	Repeated early-life seizures lower seizure threshold and increase SUDEP rate in the Scn1a+/- mouse model of Dravet Syndrome.	MCP Hall A
Emaus	Katlynn	Sanderson, Torres Torres, R. SPEAS	1:00 PM	5:00 PM	PSTR109.09	Mitochondrial Cardiolipin Modification in Large and Small Animal Models of Neonatal Hypoxic/Ischemic Encephalopathy	MCP Room S103
Flandreau	Elizabeth	M. H. HAGENAUER, S. J. Watson, H. Akil	1:00 PM	5:00 PM	PSTR130.11	Effect of chronic stress on whole blood transcriptome in mice: a systematic meta-analysis of publicly available transcriptional profiling datasets	MCP Hall A
Gates	Deanna	D.H. Gates	2:28 PM	2:51 PM	MIN10.03	Stimulation of Regenerative Peripheral Nerve Interfaces (RPNIs) to elicit referred sensation for bidirectional prostheses	MCP Room S406B
Hartner	Jeremiah	B.O. Watson	1:00 PM	5:00 PM	PSTR125.09	Clock-aligned increases in state-specific spectral frequency power in diurnal rodents	MCP Hall A
Hocevar	Sarah	B. ROSS, S. SCHWARTZ, B. M. SMILEY, L. SHEA	1:00 PM	5:00 PM	LBA003.171	Nanoparticle and epothilone D intervention improves motor performance and regeneration in chronic cervical spinal cord injury	MCP Hall A
Hodge	Alexander	M.A. Rasheed, C.R. Burgess, D.K. Leventhal	1:00 PM	5:00 PM	PSTR118.11	Striatal dopamine and acetylcholine dynamics during skilled reaching	MCP Hall A
Hosseini	Hassan	K.S. Jones	1:00 PM	5:00 PM	PSTR142.11	Noradrenergic modulation of the prefrontal cortex is impaired in Grin2a mutant mice	MCP Hall A
Kinsky	Nathaniel	B. K. GIRI, K. DIBA	8:00 AM	12:00 PM	PSTR094.13	Sleep loss enhances representational drift	MCP Hall A

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Kuo	Tzu-wei David	H. JIANG, J. G. LETNER, D. CAI	8:00 AM	12:00 PM	PSTR096.10	Correlative molecular, anatomy, and activity mapping in mouse primary visual cortex	MCP Hall A
Lagunas	Amador	P.-J. CHEN, P. GUPTA, T. M. BRUNS	8:00 AM	12:00 PM	PSTR080.03	The effects of pudendal nerve stimulation on the lower urinary tract during urodynamics	MCP Hall A
Lin	Jack	M. R. ZOCHOWSKI, W. C. STACEY	8:00 AM	12:00 PM	LBA002.069	Separating physiological from pathological epileptic High Frequency Oscillations using machine learning approaches	MCP Hall A
Litkowski	Elizabeth	D. BRIDGES, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR139.10	Genetic and sex differences pinpoint putative gene region in the relationship between glucose metabolism dysfunction and cognitive decline	MCP Hall A
Mender	Matthew	L. CUBILLOS, J. COSTELLO, H. TEMMAR, M. KELBERMAN, D. WALLACE, A. WARD, J. LAM, M. WILLSEY, Y. SAADEH, N. GANESH KUMAR, T. A. KUNG, P. G. PATIL, C. A. CHESTEK	3:00 PM	3:15 PM	NANO19.09	Restoring simultaneous wrist and finger movements with a brain-machine interface and functional electrical stimulation	MCP Room N227
Mey	Gabrielle	J. SHULTZ, J. MCGRATH, K.-W. CHANG, G. XU, S. WERNEBURG	1:00 PM	5:00 PM	PSTR105.25	Comparative assessment of visual pathway degeneration in demyelinating disease	MCP Hall A
Nissen	Mark	B. VANDEGRIFT, M. MOORE, P.-J. CHEN, P. GUPTA, T. BRUNS	8:00 AM	12:00 PM	PSTR080.02	Mapping urethra responses to sacral nerve stimulation during electrode implant surgery	MCP Hall A
Park	Jiwon	Kim	8:00 AM	12:00 PM	PSTR062.13	Central auditory deficits in the pathogenesis of Alzheimer's Disease	MCP Hall A
Raycraft	Lauren	L.M. Raycraft, C.R. Ferrario	2:15 PM	2:30 PM	NANO20.06	Hungry for more: Sex and estrous cycle dependent effects on cue-triggered food-seeking in obesity-prone and resistant rats	MCP Room N227
Santiago Colon	Krystal	J. KRAVCHENKO, L. ZHU, I. PLATI, J. BARDEN, J. MATTIS	8:00 AM	12:00 PM	PSTR054.12	Quantification of cholinergic cell number in the pedunculopontine nucleus and medial septum of an Scn1a ^{+/-} mouse model of Dravet Syndrome	MCP Hall A
Schmidt	Vivian	C. HSIEH, E. M. TANK, S. J. BARMADA	1:00 PM	5:00 PM	LBA003.103	Connecting RNA Methylation to TDP43 Pathology in ALS/FTD	MCP Hall A
Sulaman	Bibi	B.A. Sulaman	6:45 PM	8:45 PM	SOC11	Social Co Chair	MCP Room N134

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Tan	Shi Bei	W.C. Stacey	8:00 AM	12:00 PM	LBA002.064	Classifiers trained on physician EEG labeling improve specificity of automated HFO detectors in refractory human epilepsy	MCP Hall A
Tronson	Natalie	N.C. Tronson	2:51 PM	3:14 PM	MIN11.04	Sex-specific neuroimmune networks in the modulation of memory	MCP Room S103
Turner	Christopher	J.B. Becker	2:00 PM	2:15 PM	NANO20.05	Effects of g-protein coupled estradiol receptor-1 activation on reward preference and stimulated dopamine release in male and female rats	MCP Hall A
Vandegrift	Brinton	M. S. NISSEN, M. MOORE, P.-J. CHEN, P. GUPTA, T. BRUNS	8:00 AM	12:00 PM	PSTR080.01	Quantifying intraoperative external anal sphincter responses to sacral nerve stimulation	MCP Hall A
Wallace	Dylan	J. R. COSTELLO, A. K. VASKOV, A. J. DAVIS, D. H. GATEs, P. S. CEDERNA, C. A. CHESTEK	3:15 PM	3:30 PM	NANO19.10	Regenerative Peripheral Nerve Interfaces (RPNIs) and Implanted Electrodes Enable Continuous Control of Simultaneous Degrees of Freedom	MCP Room S102
Monday, October 7th							
Alkaabi	Fatimah	X. Wang, Z. Liu	1:00 PM	5:00 PM	PSTR234.04	Resting State Interoception Network in Rats	MCP Room S403
Allouch	Adam	S. ELZINGA, M. NOURELDEIN, F. MENDELSON, J. HAYES, D. RIGAN, M. SAVELIEFF, J. HUR, K. GUO, Y. ZOU, E. L. FELDMAN	1:00 PM	5:00 PM	PSTR233.23	Adipose-microglia crosstalk through adipose tissue extracellular vesicles: effect of obesity and prediabetes on CNS inflammation	MCP Hall A
Anderson	Marie	D. BAUER, W. M. KING, R. A. ALTSCHULER, C. STEWART	8:00 AM	12:00 PM	LBA004.053	Rapamycin reduces noise-induced vestibular loss and improves walking speed in noise exposed rats	MCP Room N134
Bae	Han-Gyu	J Kim	8:00 AM	12:00 PM	PSTR150.02	Sound-derived plasticity and heterogeneity of MNTB principal neurons in the mouse auditory brainstem	MCP Hall A
Bass	Noah	J.B. Becker	8:00 AM	12:00 PM	PSTR177.02	The role of social housing on nucleus accumbens dopamine in male and female rats using fiber photometry	MCP Hall A
Cao	Cody Zhewei	K. GANESAN, A. JAHN, D. BRANG	1:00 PM	5:00 PM	PSTR224.16	Visual Speech Differently Restores Temporal and Spectral Speech Information in the Auditory Cortex	MCP Hall A
Chakraborty	Tuhin Subhra	A. TORNES BLANCO, J. BAINS, R. RUCKER, Z. M. STRONG, Y. EMARA, S. D. PLETCHER	8:00 AM	12:00 PM	PSTR148.11	Impacts of social isolation on behavior and physiology in Drosophila melanogaster	MCP Hall A
Chang	Wei-Chih	K. STANGIS, X.-F. ZHAO, R. J. GIGER, G. G. MURPHY	1:00 PM	5:00 PM	PSTR248.10	Cellular and network alterations in Plxna2 knockout mice, an in vitro study	MCP Hall A
Citalan-Madrid	Ali	D. A. LAWRENCE, G. G. MURPHY, K. STANGIS, E. J. SU	1:00 PM	5:00 PM	PSTR208.18	The role of plasminogen activator inhibitor, PAI-1 in microvascular remodeling in the 5xFAD Alzheimer's disease mouse model	MCP Hall A

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Coden	Kendall	K. ULMER, R. LASH, H. ZHANG, C. BURGESS, D. LEVENTHAL	1:00 PM	5:00 PM	PSTR227.12	Immediate vs plastic effects of phasic striatal dopamine on rat reach-to-grasp kinematics	MCP Hall A
Cunningham	Emily	D. Brang	1:00 PM	5:00 PM	PSTR224.24	Electrical stimulation along the superior temporal gyrus evokes rapid responses in human visual cortex	MCP Hall A
Ding	Jiahui	J. WENG, I. SOLOWIEJ, W. WANG	8:00 AM	12:00 PM	PSTR196.13	A Genetically Encoded Tools for Monitoring Dopamine Release in Animal Brain	MCP Hall A
Finneran	Matthew	X.-F. ZHAO, R.J. Giger	8:00 AM	12:00 PM	PSTR161.17	Lens injury mechanisms of retinal ganglion cell protection and axon regeneration	MCP Hall A
Goldiez	Ethan	D. KIM, A. GHIMIRE, N. OGNJANOVSKI, B. O. WATSON	8:00 AM	12:00 PM	PSTR197.09	Integrating chronic electrophysiology into rodent digital phenotyping: a novel approach for studying long-term behavioral dynamics and brain function	MCP Hall A
Gonzalez	Ivette	C. Chestek, J.B. Becker	8:00 AM	12:00 PM	PSTR183.19	Sex differences in the effects of social housing on stimulated dopamine release after methamphetamine exposure	MCP Hall A
Hadiwidjaja	Beatrice	B. HADIWIDJAJA (Polk Lab)	1:00 PM	5:00 PM	LBA006.026	Quantifying behavioral response to alarming and novel stimuli in larval zebrafish	MCP Hall A
Hagenauer	Megan	M. H. Hagenauer	12:00 PM	2:00 PM	PDW12	Speaker	MCP Hall A
Hagenauer	Megan	M. H. Hagenauer	6:45 PM	8:45 PM	SOC21	Social Chair	MCP Room S102
Hsieh	Meng-Lin	Lopez Ruiz, Ko, Yan, Yoon	8:00 AM	12:00 PM	PSTR197.03	3d origami μled optoelectrodes for 360 degree field-of-view neural interface	MCP Hall A
Johnson	Alexander	A.B. Johnson	8:00 AM	12:00 PM	PSTR189.18	Neurons of posterior parietal cortex encode the meta-structure shared by routes demanding opposite action sequences	MCP Hall A
Kaya	Utku	M. KUMAR, G. ROTHSCHILD	8:00 AM	12:00 PM	PSTR189.05	Encoding and reactivation of navigation-associated multisensory information	MCP Hall A
Kim	Bhumsoo	J. M. HAYES, C. PACUT, E. L. FELDMAN	8:00 AM	12:00 PM	PSTR154.30	Extracellular vesicles modulate neuroglial interaction: possible implication of miR-223-3p between metabolic syndrome and Alzheimer’s disease.	MCP Hall A
Kumar	Mekhala	G. ROTHSCHILD	1:00 PM	5:00 PM	PSTR221.19	Auditory cortical mechanisms of self-generated sound-guided navigation	MCP Hall A
Lanzio	Vittorino	W. CHEN, J. R. LOPEZ RUIZ, P. MCCOMMONS, S. OH, E. YOON	8:00 AM	12:00 PM	PSTR197.04	A compact, lightweight headstage for high-density optoelectrodes for use in freely behaving experiments in rodents	MCP Hall A

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Lee	Han Kyu	H. LEE, X. SU, H. CHA, B. DUAN, X. XU, L. R. HORWITZ	8:00 AM	12:00 PM	LBA004.023	A skin-to-brain circuit dedicated to transmitting cool sensation	MCP Hall A
Li	Duan	A.G. Hudetz	1:00 PM	5:00 PM	PSTR223.15	Anesthesia Alters Complexity of Spontaneous and Stimulus-induced Neuronal Firing Patterns in Rat Visual Cortex	MCP Hall A
Lopez Ruiz	Jose	D. YAN, M.-L. HSIEH, E. KO, Y. TIAN, W. CHEN, S. OH, V. LANZIO, P. MCCOMMONS, E. YOON	8:00 AM	12:00 PM	PSTR197.01	Multimodal Brain Physiology: A Holistic Perspective through Multifunctional Intracortical Neural Interfaces	MCP Hall A
Perera	Aldeb	C. Rosensweig R. Allada	1:00 PM	5:00 PM	PSTR236.17	Molecular and cellular mechanisms by which GABAergic neurons control Drosophila sleep	MCP Hall A
Porter	Danielle	R. Cone	1:00 PM	5:00 PM	PSTR232.15	Role of estrogen-receptor alpha in the organization of melanocortin 3 receptor expression	MCP Hall A
Salgado-Puga	Karla	G. Rothschild	1:00 PM	5:00 PM	PSTR250.23	Exposure to noise bursts during non-REM sleep impairs hippocampal sharp-wave ripples and memory consolidation	MCP Hall A
Schuh	Kristen	K. Schuh	4:00 PM	4:23 PM	MIN15.08	Oral contraceptives effect on HPA-axis and risk for depression-like behavior	MCP Room N427
Sescil	Jennifer	G. Zhou, W. Wang	1:00 PM	5:00 PM	PSTR253.11	Temporally gated integrator reporter for protein-protein interaction detection with immediate enzymatic readout	MCP Hall A
Stangis	Katherine	K. STANGIS, D.A. Lawrence, G.G. Murphy	8:00 AM	12:00 PM	PSTR157.25	Behavioral characterization of congenic B6 PS19 transgenic mice	MCP Hall A
Sun	Guanhua	D. B. Foger	3:30 PM	3:45 PM	NANO36.11	Simulation of projection-based connectome reproduces cortical responses to different sensory stimuli	MCP Room N427
Tian	Yi	J.R. Lopez Ruiz, E. Yoon	8:00 AM	12:00 PM	PSTR197.02	Flexthermo: an intracortical flexible microfluidics-based bidirectional temperature control module	MCP Hall A
Torres Torres	Francisco	G.M. Fogo, K.J. Emaus	1:00 PM	5:00 PM	PSTR215.03	Investigating the role of mitochondrial quality control mechanisms in the induction of microglial polarization following oxygen and glucose deprivation.	MCP Hall A
Varela	Maria	M Walker, L. Goldstein, J. Bok, J Fu, M. Uhler, J.M. Parent	1:00 PM	5:00 PM	PSTR202.20	Generation and characterization of a novel human pluripotent stem cell derived medial ganglionic eminence brain organoid model	MCP Hall A
Walicki	Marie	W. Birdsong	8:00 AM	12:00 PM	PSTR166.13	Alterations in Anterior Cingulate Cortex Circuits by Inflammatory and Migraine-like Pain	MCP Hall A
YOON	SUNGRYEONG	W.C. Wu, J.H. Kim	8:00 AM	12:00 PM	PSTR153.15	Impact of Enriched Sound Experience on Myelin and Synaptic Plasticity in the Juvenile Mouse Auditory Brainstem	MCP Hall A

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Athaiya	Mitre	H. HAFNER, X.-F. ZHAO, R. J. GIGER	1:00 PM	5:00 PM	PSTR336.10	The Role of Hif1a Regulated Glycolytic Flux in Macrophages for Peripheral Nervous System Regeneration and Development of Neuropathic Pain	MCP Hall A
Bao	Qintong	D. KINNETT-HOPKINS, S. H. BROWN	1:00 PM	5:00 PM	PSTR349.15	The Relationship between Upper Extremity and Balance Function in Mild Multiple Sclerosis	MCP Hall A
Bence	Emily	E. GADZIC, W. ENGELHARDT, N. MANTENA, A. HESTON, K. CHOU, K. CHEN, E. L. LEVIN, D. K. LEVENTHAL, E. OPRI	1:00 PM	5:00 PM	PSTR330.07	Deep brain stimulation local evoked potentials to predict therapeutic outcomes in Parkinson's Disease	MCP Hall A
Benovich	Lauren	H. C. LYONS, A. VANLIANUK, S. SINGH, S. M. BOAS, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR331.17	Utilizing the novel Q111-BXD mouse panel to explore the neuropsychiatric traits of Huntington's Disease	MCP Hall A
Boas	Stephanie	A. VANLIANUK, L. BENOVIK, H. C. LYONS, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR331.18	Utilizing the novel HD-BXD mouse panel to identify genetic modifiers of Huntington's disease-relevant traits	MCP Hall A
Costello	Joseph	J. T. COSTELLO, H. TEMMAR, L. CUBILLOS, M. MENDER, D. WALLACE, M. KELBERMAN, N. GANESH KUMAR, M. WILLSEY, T. A. KUNG, P. G. PATIL, C. A. CHESTEK	8:00 AM	12:00 PM	PSTR289.11	Sparse deep learning enables low-power, implantable neural interfaces	MCP Hall A
Eid	Stephanie	S. Eid	2:51 PM	3:14 PM	MIN24.04	Axoglial interactions: A paradigm shift in diabetic neuropathy	MCP Room S103
Ford	Alexander	X. RELOTA, E. L. SAVIER	1:00 PM	5:00 PM	PSTR344.13	Cell-type specific connections from the parabrachial nucleus to the superior colliculus in the mouse	MCP Hall A
Furman	Katherine	K. FURMAN, H. C. LYONS, L. BARON, J. R. EVANS, T. CHA, J. MANNA, L. ZHU, J. MATTIS, C. R. BURGESS	8:00 AM	12:00 PM	PSTR293.02	Melanin-concentrating hormone neuron efferents in the NAc mediate the reward value of food and do not induce REM sleep	MCP Hall A
Gould	Jonathan	A. Draelos	2:45 PM	3:00 PM	NANO49.08	Adaptive alignment of neural and behavioral latent dynamics	MCP Room N426
Hafner	Hannah	X.-F. ZHAO, D. WILBORN, M. ATHAIYA, L. SCHMITD, R. J. GIGER	1:00 PM	5:00 PM	PSTR336.11	The role of bone marrow derived macrophages in peripheral nervous system injury	MCP Hall A
Hebda-Bauer	Elaine	E. K. HEBDA-BAUER, M. H. HAGENAUER, H. KHALIL, S. J. WATSON, Jr, A. A. PALMER, J. LI, H. AKIL	8:00 AM	12:00 PM	PSTR298.05	A neural signature of temperament: unique and shared features in the hippocampus and nucleus accumbens of selectively bred rats that differ in exploration, anxiety, and addiction	MCP Hall A

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Huels	Emma	N. KOLBMAN, C. W. FIELDS, A. G. NELSON, T. LIU, G. A. MASHOUR, D. PAL	1:00 PM	5:00 PM	PSTR323.03	Reversal of propofol or isoflurane anesthesia, with concurrent restoration of functional connectivity, by intravenous administration of the serotonergic psychedelic 2,5-dimethoxy-4-iodoamphetamine	MCP Hall A
Jessup	Dawn	J. R. TRAYNOR	1:00 PM	5:00 PM	PSTR362.16	Allosteric Modulation of Opioid Receptors in a Mouse Model of Opioid Withdrawal	MCP Hall A
Joseph	Jake	A. WARD, M. MENDER, M. KELBERMAN, J. LAM, T. A. KUNG, N. GANESH KUMAR, C. A. CHESTEK, A. DRAELOS	8:00 AM	12:00 PM	PSTR289.10	A Multi-Camera Setup for Real-Time Hand Markerless Tracking during Function Electrical Stimulation	MCP Hall A
Kabil	G.G.	M. K. WEBER, R. N. LOGUE COOK, C. HAIRE, S. M. CAIN, A. P. SAMPLE, D. T. BURKE, P. NEWMAN-CASEY, S. H. BROWN	1:00 PM	5:00 PM	PSTR348.18	Effects of Increasing Age on Tactile Spatial Pattern Recognition and Hand Function in Older Adults	MCP Hall A
Kelberman	Madison	A. WARD, M. MENDER, J. JOSEPH, J. LAM, N. GANESH KUMAR, T. A. KUNG, Y. SAADEH, C. A. CHESTEK	8:00 AM	12:00 PM	PSTR289.12	Non-human primate motor point targeted functional electrical stimulation for highly selective movements	MCP Hall A
Kirca	Deniz	D. KIRCA, D. KIM, M. RUCKSTUHL, B. O. WATSON	8:00 AM	12:00 PM	PSTR316.05	Neurozip: an approach to spike sorting long-term electrophysiology recordings using batch subsampling	MCP Hall A
Knapp	Valentina	R. THAKRAR, A. RAMASWAMI, K. EMERY, K. C. BERRIDGE	8:00 AM	12:00 PM	PSTR296.15	The role of extended amygdala CRF neurons in incentive motivation	MCP Hall A
Kramer	Paul	P. Kramer	8:00 AM	12:00 PM	PSTR262.06	Nicotinic receptor-mediated high frequency bursting in dopaminergic axons produces refractory inhibition.	MCP Hall A
Lam	Jordan	M. COPENHAVER, J. G. LETNER, J. RICHIE, P. R. PATEL, P. G. PATIL, C. A. CHESTEK	8:00 AM	12:00 PM	PSTR310.01	Subcellular carbon fiber electrodes for intracortical neural recording: towards large animal models	MCP Hall A
Lyons	Hannah	L. J. BENOVIK, G. KAUL, A. VANLIANUK, A. D. EBAN-ROTHSCHILD, S. M. BOAS, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR331.16	Utilizing the novel HD-BXD mouse panel to investigate cognitive performance in Huntington's disease	MCP Hall A
McDonald	Katherine	Aditi S. Prabhu, Russell Day, Sara J. Aton	8:00 AM	12:00 PM	LBA008.069	Chemogenetic silencing of dentate gyrus excitatory cells post-encoding disrupts memory consolidation.	MCP Hall A
Nguyen	David	K.C. Berridge	1:00 PM	5:00 PM	PSTR358.26	Central amygdala global and D1 neuron activation generates appetitive 'wanting' for sugar, quinine, and electric shock	MCP Hall A
Paier	Gianna	E. OPRI	1:00 PM	5:00 PM	PSTR330.01	Novel approach for enhancing signal recovery during stimulation	MCP Hall A

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Tuesday, November 8th							
Porras Laura	Adrian	S. Lempka	8:00 AM	12:00 PM	PSTR314.13	Using patient-specific computational models of spinal cord stimulation to analyze its physiological effects and mechanisms of action	MCP Hall A
Schmitd	Ligia	H. HAFNER, A. WARD, N. P. BISCOLA, R. J. GIGER	8:00 AM	12:00 PM	PSTR270.10	Sarm1 regulates schwann cell reprogramming and timely nerve regeneration.	MCP Hall A
Sulaman	Bibi	E. CHEN, G. ROTHSCHILD, A. EBAN-ROTHSCHILD	1:00 PM	5:00 PM	PSTR354.08	Dopamine signaling during NREM sleep is experience-dependent and promotes motor memory consolidation	MCP Hall A
Temmar	Hisham	Y. WANG, L. CUBILLOS, M. MENDER, J. COSTELLO, P. G. PATIL, A. DRAELOS, C. A. CHESTEK	8:00 AM	12:00 PM	PSTR289.13	Presenting a large non-human primate cortical dataset during individuated finger movements spanning years for testing neural stabilization methods	MCP Hall A
Tian	Yucheng	H. KUPERUS, K. BURKE, K. KOZMA, R. KODALI, W. ADIDHARMA, B. GILLESPIE, S. W. KEMP	1:00 PM	5:00 PM	PSTR336.18	Development of Bionic Exoskeleton Control via the Muscle Cuff-Regenerative Peripheral Nerve Interface (MC-RPNI) in a Rat Model	MCP Hall A
Tripathy	Siddhant	G. CORFAS, M. T. ROBERTS, A. H. MEHTA, M. BUDAK, V. BOOTH, M. R. ZOCHOWSKI	1:00 PM	5:00 PM	PSTR342.05	Noisy environments exacerbate hidden hearing loss induced by myelinopathy	MCP Hall A
Vanlianuk	Augustine	S. BOAS, L. J. BENOVIK, H. C. LYONS, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR331.19	Motor phenotyping at 3 and 12 months of age in genetically diverse mouse model of Huntington's disease	MCP Hall A
Zhao	Xiao-Feng	R. KOHEN, Y. ZENG, X. ZHANG, R. J. GIGER	1:00 PM	5:00 PM	PSTR318.17	Plexina2 and ncam collaborate to direct hippocampal mossy fiber development and laminar patterning	MCP Hall A
Wednesday, November 9th							
Carmon	Hanna	T. CABALLERO, J. EMERSON, M. SARTER, N. C. TRONSON	1:00 PM	5:00 PM	PSTR455.22	Individual differences in neuroimmune states in a model of addiction-vulnerability	MCP Hall A
Chang	Stephen	S.B. Flagel	1:00 PM	5:00 PM	PSTR477.03	The effects of semaglutide (Ozempic®) on the attribution of incentive motivational value to reward cues	MCP Hall A
Chavis	Garrett	G. CHAVIS (Sutton Lab)	1:00 PM	5:00 PM	PSTR441.22	Dual roles of the SNX17-Retriver and SNX27-Retromer endomembrane recycling pathways in regulating synaptic function and plasticity in hippocampal neurons	MCP Hall A
Choi	Hoi Kei (Amy)	H. WHITE, P. KE-LIND, N. C. TRONSON	1:00 PM	5:00 PM	PSTR456.04	Covid-like immune challenge as a risk for Alzheimer's disease and cognitive decline	MCP Hall A
Choi	Joseph	M. ROCHLEN, K. MERCADO-ROSADO, K. ULMER, H. ZHANG, T. FRIEDLANDER, S. RAU, K. CODEN, D. K. LEVENTHAL	1:00 PM	5:00 PM	PSTR452.07	The effects of levodopa on skilled reaching in the rat 6-OHDA model of Parkinson Disease	MCP Hall A

SfN 2024 University of Michigan Presentations by Last Name

Last Name	First Name	Collaborators	Presentation Start	Presentation End	Presentation #	Presentation Title	Location
Wednesday, November 9th							
Conrad	Leah	H. CHOI, K. M. SCHUH, K. LINDSAY, N. C. TRONSON	1:00 PM	5:00 PM	PSTR455.13	Oral contraceptive exposure modulates neuroimmune activity	MCP Hall A
Desrochers	Stephanie	S.B. Flagel	1:00 PM	5:00 PM	PSTR477.01	Tracing top-down and bottom-up pathways through the paraventricular thalamus in the sign-tracker/goal-tracker rodent model	MCP Hall A
DeWitt	Iain	Y. LI, C. ADAMS, E. ZHANG, A. MAJUMDAR, C. CAO, W. C. STACEY, D. BRANG	1:00 PM	5:00 PM	PSTR460.05	Informative visual input modifies selectivity for speech sounds in superior temporal cortex	MCP Hall A
Eban-Rothschild	Ada	Chair	2:00 PM	4:30 PM	MIN32.01	Chair	MCP Room S100A
Felix	Princess	S.B. Flagel	1:00 PM	5:00 PM	PSTR477.05	Knockdown of the glucocorticoid receptor (GR) in a corticostriatal pathway increases the propensity to attribute incentive salience to a reward cue	MCP Hall A
Jadidian	Amir	V. S. HAMBRECHT-WIEDBUSCH, L. FLORAN-GARDUNO, H. FAYAD, G. A. MASHOUR, G. VANINI	8:00 AM	12:00 PM	PSTR413.10	Sleep Disruption in a Mouse Model of Surgery Differs as a Function of Sex and Genotype	MCP Hall A
Khalil	Huzefa	V. MURPHY-WEINBERG, J. F. LOPEZ, S. J. WATSON, H. AKIL	8:00 AM	12:00 PM	PSTR417.04	Predicting Resilience and Susceptibility to Stress in a College Freshman Sample: Validating the Affect Score	MCP Hall A
Kravchenko	Julia	S. SINGH, A., K. O'CONNELL, C. C.KACZOROWSKI	1:00 PM	5:00 PM	PSTR450.14	Age and genetic background modulate the effect of Alzheimer's Disease on sleep.	MCP Hall A
Lee	Olivia	D. M. WALLACE, M. KELBERMAN, A. K. VASKOV, C. A. CHESTEK	8:00 AM	12:00 PM	PSTR407.08	Can a lab build their own packaged, implantable sensing device for clinical trials? Update on the open source COSMIIC/HORNET HIVE module	MCP Hall A
Lenert	Melissa	M. LENERT	1:00 PM	5:00 PM	PSTR458.08	Pre-pubertal risk factors for development of dysmenorrhea.	MCP Hall A
Letner	Joseph	P. R. PATEL, M. G. COPENHAVER, J. L. W. LAM, J. RICHIE, E. J. WELLE, D. CAI, C. A. CHESTEK	8:00 AM	12:00 PM	PSTR407.24	Uncovering the recording capacity of subcellular-scale carbon fiber electrodes across laminae in rat motor cortex	MCP Hall A
Li	Raymond	S. S. DESROCHERS, S. B. FLAGEL	1:00 PM	5:00 PM	PSTR477.02	Different outcome values influence the vigor of sign-tracking behavior in rats	MCP Hall A
Li	Yike	I. DEWITT, D. BRANG	1:00 PM	5:00 PM	PSTR460.02	Congruent visual information enhances phoneme selectivity in auditory cortex	MCP Hall A
Maras	Pamela	K. L. HILDE, H. KHALIL, D. MURRA, S. J. WATSON, H. AKIL	1:00 PM	5:00 PM	PSTR471.05	A History of Early Life Stress Shifts Network Patterns of Neural Activation in Response to Social Defeat in Adulthood: A Fos-TRAP Study	MCP Hall A

SfN 2024 University of Michigan Presentations by Last Name

Last Name	First Name	Collaborators	Presentation Start	Presentation End	Presentation #	Presentation Title	Location
Wednesday, November 9th							
Nehme	Sajed	S. NEHME, , H. ALNAIB, T. HARA, D. MUKHAMEJANOVA	1:00 PM	5:00 PM	PSTR444.07	Versatile genetic perturbation approach to understand tumor-immune interactions in human glioblastoma	MCP Hall A
Ortego-Dominguez	Maria	M. ORTEGO-DOMINGUEZ, L. M. RAYCRAFT, C. R. FERRARIO	1:00 PM	5:00 PM	PSTR440.13	Sex differences in diet-induced alterations in the function of nucleus accumbens medium spiny neurons	MCP Hall A
Powers	Rachael	M. SIERRA, D. M. SEYFRIED, H. L. PAULSON	9:00 AM	9:15 AM	NANO52.05	Modeling early molecular features of Huntington's disease in human stem cell-derived, self-organizing, single-rosette cortical organoids	MCP Room N228
Ramos	Brianna	B. A. RAMOS, R. KENNEDY, S. B. FLAGEL	1:00 PM	5:00 PM	PSTR477.04	The neurochemical profile of the paraventricular nucleus of the thalamus in sign-tracker and goal-tracker rats	MCP Hall A
Smith	Jennifer	J. S. SMITH, D. C. DOLINOY	8:00 AM	12:00 PM	PSTR418.08	Pirna machinery (piwil) expression in the mouse brain and its association with gestational lead exposure: potential for epigenetic editing applications	MCP Hall A
Stevenson	Tamara	T. STEVENSON, M. BERCHULSKI, S. J. MOORE, C. C. KACZOROWSKI	1:00 PM	5:00 PM	PSTR446.08	Hippocampal dendritic spine morphometry signatures of cognitive resilience to Alzheimer's disease	MCP Hall A
Sulaman	Bibi	B. A. Sulaman	3:37 PM	4:00 PM	MIN32.06	Dynamics and functions of dopamine signaling during sleep.	MCP Room S100A
Thakrar	Radha	K. EMERY, K.C. Berridge	8:00 AM	12:00 PM	PSTR414.11	The Role of Central Amygdala CRF Neurons in Recruiting Reward Circuitry	MCP Hall A
Toth	Brandon	V. C. ORTIZ, C. R. BURGESS	8:00 AM	12:00 PM	PSTR413.20	Norepinephrine release in the vIPAG-LPT suppresses cataplexy	MCP Hall A