

Poster #	1 st Author Name	Poster Title	Session Date
1-E-133	Abizaid, A	Novel putative GOAT Inhibitor, CF801, Reduces Acylated Ghrelin & Body Weight in C57/BL6J Male Mice	Monday, May 26 2014
1-B-19	Abrahamsson, T	Control of vesicle release by cortical presynaptic NMDA receptors	Monday, May 26 2014
2-B-20	Accardi, M	GABAergic transmission in cerebellar granule cells is regulated through mitochondrial metabolism	Tuesday, May 27 2014
3-B-19	Acharjee, S	EMOTIONAL AND COGNITIVE BEHAVIOUR CHANGES ARE ASSOCIATED WITH INCREASED GLUTAMATERGIC TRANSMISSION IN THE EARLY STAGES OF EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS (EAE)	Wednesday, May 28 2014
1-C-63	Achour, I	Involvement of autophagy in the neuroprotective properties of Oleuropein against 6-hydroxydopamine-induced neuronal death	Monday, May 26 2014
2-C-64	Agostinone, J	Activation of the mammalian target of rapamycin promotes dendritic regeneration after axonal injury.	Tuesday, May 27 2014
1-F-143	Aidelbaum, R	Acute Effects of Nabilone on Sensory Gating in Healthy Participants: A Brain Event-Related Potential Study	Monday, May 26 2014
2-F-145	Aitken, S	Effects of housing conditions on neurogenesis in black-capped chickadees (<i>Parus atricapillus</i>)	Tuesday, May 27 2014
3-F-143	Al Dahhan, N	Saccadic eye movements in children with and without dyslexia performing a letter naming speed task	Wednesday, May 28 2014
3-C-63	Alizadeh, A	Neuregulin-1 Attenuates Astrogliosis and Glial Scar Formation after Spinal Cord Injury	Wednesday, May 28 2014
1-D-109	Alkhani, H	Contribution of TRPC3 to calcium homeostasis and inflammatory nociceptive pathways in DRG sensory neurons	Monday, May 26 2014
1-C-64	Allain, F	HOW FAST COCAINE IS DELIVERED TO THE BRAIN IS DECISIVE IN DETERMINING THE MOTIVATION TO TAKE THE DRUG	Monday, May 26 2014
1-A-1	Allemang-Grand, R	Perinatal environmental enrichment alters the trajectory of mouse brain development	Monday, May 26 2014
2-D-111	Alomawi, N	Influence of Visual Feedback on Gaze-Dependent and Location-Dependent Errors in Grasping Movements	Tuesday, May 27 2014
1-F-144	Alrazi, T	Investigation of the role of insulin deficiency and loss of PI3K-AKT downstream regulators GSK3 β -CREB signaling in the pathogenesis of diabetic brain	Monday, May 26 2014
1-B-20	Altier, C	Targeting the TRPV1 assembly domain attenuates inflammation-induced hypersensitivity	Monday, May 26 2014
2-E-135	Altimimi, H	The Involvement Of Tumor Necrosis Factor Alpha In The Neurophysiological Response Of CA1 Synapses To Acute Stress	Tuesday, May 27 2014
2-G-179	Alvis, L	Examining astrocyte morphology using DiOlistic labeling with the PDS-1000/He Particle Delivery System	Tuesday, May 27 2014
2-B-21	Amegandjin, A	EphA7 in adult rodent brain: regional distribution and ultrastructural localization in hippocampus and cerebellum	Tuesday, May 27 2014

2-C-65	Anacker, C	Persistent individual differences in stress susceptibility and antidepressant treatment response following chronic social stress in mice	Tuesday, May 27 2014
3-C-64	Arbour, D	Altered muscarinic activation in Perisynaptic Schwann Cells of SOD1G37R mice; implication for the fate of the neuromuscular junction.	Wednesday, May 28 2014
1-C-65	Arel-Dubeau, A	Cucurbitacin E is a novel neuroprotective phytosterol with autophagy-modulating activities on dopaminergic neurons	Monday, May 26 2014
2-C-66	Armstrong, G	Aberrant glutamatergic synaptic connectivity with motoneurons in the spinal cord of zebrafish expressing mutant human TARDBP (TDP-43) with a mutation causing ALS and FTLT.	Tuesday, May 27 2014
3-C-65	Arsenault, J	Adeno-Associated Virus Gene Delivery of Fmr1 in Fragile X Knockout Mice	Wednesday, May 28 2014
1-H-185	Aspler, J	Canadian Media Discourse about Fetal Alcohol Spectrum Disorder	Monday, May 26 2014
2-F-146	Auguste, S	CENTRAL GPR120 ACTIVATION INHIBITS FOOD INTAKE, FOOD REWARD AND ANXIETY-LIKE BEHAVIOR	Tuesday, May 27 2014
1-G-177	Aurousseau, M	A bright genetically-encoded sensor to determine protein expression at the cell surface in live cells	Monday, May 26 2014
2-A-1	Awad, P	Status epilepticus-induced precocious expression of KCC2 impairs excitatory synapse formation	Tuesday, May 27 2014
1-C-66	Awasthi, A	---Neurons Regulate the Cell Surface Proteome of Central Nervous System Glia	Monday, May 26 2014
3-D-109	Ayala, M	The role of intrinsic contextual cues and extended training in facilitating concurrent reach adaptation to opposing visuomotor rotations	Wednesday, May 28 2014
3-E-133	Azogu, I	Effects of the cannabinoid receptor 1 antagonist, AM251, on vGluT2 and CRH expression, neuronal injury and anxiety following global cerebral ischemia	Wednesday, May 28 2014
3-F-144	Backen, T	Noise correlations in macaque areas 46/8a reflect target selection and strength of distractors	Wednesday, May 28 2014
3-A-1	Baho, E	Role of the precursor form of the brain-derived neurotrophic factor, proBDNF, and its receptor p75NTR on GABAergic synapse maturation in neocortex	Wednesday, May 28 2014
1-F-145	Bailey, M	The Neurobiology of Adult Attachment	Monday, May 26 2014
2-C-67	Balena, T	Acute and chronic increases in neuronal sodium concentrations during post-traumatic epileptogenesis	Tuesday, May 27 2014
1-D-110	Baltaretu, B	Cortical mechanisms for transsaccadic feature integration in spatiotopic vs. Retinotopic coordinates: an fMRIa study.	Monday, May 26 2014
2-E-138	Bansal, V	Osmotic activation of phospholipase C in osmosensitive supraoptic neurons	Tuesday, May 27 2014
2-F-147	Barra de la Tremblaye, P	Pre-ischemia CRH receptor 1 blockade attenuates hippocampal cell death and prevents spatial memory impairments in rats.	Tuesday, May 27 2014
3-C-66	Bartlett, R	Identification of the optimal time window to enhance NPC survival after a focal ischemic injury.	Wednesday, May 28 2014

1-C-67	Bastien, D	Deletion of the IL-1 α gene upregulates expression of the survival factor TOX3 in neurons and oligodendrocytes and protects these cells from death after spinal cord injury	Monday, May 26 2014
3-F-145	Beaudoin, A	The Effects of Acute Nabilone Administration on Resting State EEG in Healthy Participants	Wednesday, May 28 2014
2-C-68	Beazely, M	Beta-amyloid inhibits PDGFbeta receptor activation and prevents PDGF-BB-induced neuroprotection	Tuesday, May 27 2014
1-B-21	Beekharry, C	Pharmacological characterization of electrical coupling between identified peptidergic neurons	Monday, May 26 2014
3-C-67	Behr, C	Temporal evolution of different limbic seizure onset types in the pilocarpine rat model of mesial temporal lobe epilepsy	Wednesday, May 28 2014
2-B-22	Bélanger-Nelson, E	Brain hemodynamic response to somatosensory stimulation in Neuroligin-1 knockout mice	Tuesday, May 27 2014
1-C-68	Belforte, N	The phosphodiesterase inhibitor Ibudilast attenuates glial cell reactivity, production of proinflammatory cytokines and neuronal loss in experimental glaucoma	Monday, May 26 2014
1-H-186	Bell, E	For shame! Stigma against fetal alcohol spectrum disorder: Examining the ethical implications for healthcare practices and policies	Monday, May 26 2014
3-D-110	Berger, N D	Analgesic effect of NMP-7, a novel mixed T-type calcium channel/cannabinoid receptor ligand	Wednesday, May 28 2014
1-F-146	Bergeron, Y	Genetic deletion of Akt3 in mice altered motor learning	Monday, May 26 2014
3-B-21	Bernier, L	Microglia respond to brain anoxia with rapid morphological changes	Wednesday, May 28 2014
3-F-146	Berryer, M	Strategies to rescue cognitive deficits due to SYNGAP1 haploinsufficiency	Wednesday, May 28 2014
1-F-147	BEUK, J	Changes in rat inhibitory control and response adjustment with aging and time-out penalty	Monday, May 26 2014
3-C-68	Bezeau, F	The effect of striatal pre-enkephalin overexpression in MPTP mouse model of Parkinson's disease	Wednesday, May 28 2014
1-A-2	Bin, J	Paranode Maintenance Requires Netrin-1 Expression by Oligodendrocytes	Monday, May 26 2014
1-B-22	Black, E	The Subfornical Organ: A new target for melanocortins	Monday, May 26 2014
2-C-70	Blum, I	It's time to move: a dopaminergic oscillator driving rhythms of arousal.	Tuesday, May 27 2014
1-D-111	Bonin, R	A simplified up-down (SUDO) method for measuring mechanical nociception in rodents using von Frey filaments	Monday, May 26 2014
2-I-188	Bonin, R	A spinal analogue of memory reconsolidation enables the reversal of hyperalgesia	Tuesday, May 27 2014
3-G-177	Borovac, J	Two-photon optogenetics and FRET sensors for studying the role of cGMP in living neurons	Wednesday, May 28 2014

2-A-2	Boucher, J	ER α immunoreactivity in the rat brain as a consequence of developmental exposure to nicotine	Tuesday, May 27 2014
1-G-178	Boulanger, J	A simple procedure to improve immunohistochemistry co-labelings with BrdU	Monday, May 26 2014
2-B-23	Boulanger, J	GABAA receptor antagonist promotes oligodendrocyte precursor cell proliferation in adult mice	Tuesday, May 27 2014
3-B-20	Bourojeni, F	The distribution of cytoplasmic and membrane-associated TrkB in the dendrites of adult spinal motoneurons	Wednesday, May 28 2014
2-D-113	Bouskila, J	Expression of CB1, CB2, and GPR55 in the monkey retina	Tuesday, May 27 2014
3-C-69	Bouvier, D	The interplay between astrocytes and microglia shapes the progression of Alzheimer's disease.	Wednesday, May 28 2014
3-B-22	Bouyakdan, K	Dual Role of Acyl-CoA Binding Protein (ACBP) in the Hypothalamus: Regulator of Astrocytes Fatty Acid (FA) Metabolism and Gliotransmitter Targeting Pro-opiomelanocortin (POMC) Neurons.	Wednesday, May 28 2014
2-F-149	Boyce, R	Optogenetic investigation of septal GABAergic modulation of hippocampal theta rhythm.	Tuesday, May 27 2014
1-C-70	Breton, V	Excitatory and inhibitory contributions to seizure like events in in vitro human neocortical tissue	Monday, May 26 2014
3-A-2	Brignall, A	Expression of Kirrels in vomeronasal sensory neuron axons controls their coalescence into glomeruli of the AOB	Wednesday, May 28 2014
1-B-23	Brown, P	Pore properties of heteromeric kainate receptors	Monday, May 26 2014
1-E-134	Budry, L	Role of Acyl-CoA Binding Protein (ACBP) in Hypothalamic Control of Energy Homeostasis	Monday, May 26 2014
2-G-180	Burgess, A	Focused ultrasound-mediated blood-brain barrier opening in a mouse model of Alzheimer's disease	Tuesday, May 27 2014
3-D-111	Bye, H	Frequency Response Of Correlated Motion Discrimination In Humans	Wednesday, May 28 2014
2-C-71	Cairns, J	Systems Neurobiology of Autism Spectrum Disorders (ASD)	Tuesday, May 27 2014
3-C-70	Cajanding, J	Characterizing the effect of maternal immune activation on perisomatic GABA neurons using a dual recombinase-mediated gene activation strategy.	Wednesday, May 28 2014
1-C-71	Caliaperumal, J	Intracerebral thrombin infusion causes acute neuronal atrophy and cell death, but does not lead to chronic degeneration: implications for hemorrhagic stroke	Monday, May 26 2014
2-E-136	Calvez, J	Chronic intracerebroventricular administration of relaxin-3 induces sex-specific effects on food intake and body weight in rats	Tuesday, May 27 2014
2-B-24	Campbell, B	Ion channel regulation and internal calcium flux of retinal horizontal cells under hypoxic conditions in the goldfish (<i>Carassius auratus</i>)	Tuesday, May 27 2014
2-C-72	Campbell, M	Characterizing Motor Performance in the 3xTg-AD Mouse Model of Alzheimer's Disease	Tuesday, May 27 2014

1-D-112	Cappadocia, D	Cortical mechanisms for reaching to a remembered visual location during target memory and motor planning periods: an fMRI study	Monday, May 26 2014
2-D-114	Cardinali, L	The Toolish Hand Illusion: Motor experience facilitates incorporation of a tool.	Tuesday, May 27 2014
3-D-112	Carriot, J	DIFFERENTIAL ENCODING OF SELF-GENERATED AND EXTERNALLY PRODUCED HEAD TILT BY THE VESTIBULAR AND FASTIGIAL NUCLEI.	Wednesday, May 28 2014
1-B-24	Carter, C	Electrical coupling in Aplysia: identification of innexin genes.	Monday, May 26 2014
3-F-147	Cavallet, M	Response selection to emotional stimuli in adults with ADHD: a fMRI study using the Affective Spatial Compatibility task.	Wednesday, May 28 2014
3-C-71	Cavanagh, C	Investigation of TNFalpha signaling before amyloid overproduction in a mouse model of Alzheimer's disease	Wednesday, May 28 2014
1-D-113	Cecyre, B	Expression of endocannabinoid enzymes diacylglycerol lipase alpha (DAGLα) and monoacylglycerol lipase (MGL) during postnatal retinal development	Monday, May 26 2014
1-C-72	Cela, E	A novel optogenetic kindling model of epilepsy	Monday, May 26 2014
3-F-154	Celejewski, A	Escalated sucrose intake is accompanied by increased value	Wednesday, May 28 2014
3-A-14	Cerazy, T	Hypocretin/Orexin receptors in the chick embryo brain	Wednesday, May 28 2014
2-F-148	Chagniel, L	Early memory processes are altered by Lithium administration	Tuesday, May 27 2014
2-B-25	Chamberland, S	Interplay between synchronization of multivesicular release and recruitment of additional release sites support short-term facilitation at hippocampal mossy fiber to CA3 pyramidal cells synapses	Tuesday, May 27 2014
2-D-115	Chamoun, M	The effect of training and cholinergic stimulation on visual capacities in healthy rats.	Tuesday, May 27 2014
1-F-148	Chang, B	Neural correlates of temporally and spatially predictive saccades	Monday, May 26 2014
3-B-24	Chang, P	Omega-3 fatty acid prevents pro-inflammatory induced dendritic spine loss and synaptic deficits in the mature hippocampus	Wednesday, May 28 2014
2-F-150	Chapados Noreau, C	Utilization Behaviour after Lesions Restricted to the Prefrontal Cortex	Tuesday, May 27 2014
1-B-25	Charfi, I	Molecular determinants of recycling of delta-opioid receptor	Monday, May 26 2014
1-F-154	Chee, S	Behavioral anxiolysis without reduction of hippocampal theta frequency after histamine application in the lateral septum of rats	Monday, May 26 2014
2-B-26	Chen, R	Imaging synaptic vesicle tethers at the presynaptic terminal	Tuesday, May 27 2014
3-D-113	Chen, Y	Neural substrates for allocentric-to-egocentric conversion of remembered target location for reach	Wednesday, May 28 2014

3-E-134	Chen, Y	A novel peptide-based mechanism for the regulation of glucose homeostasis in hypothalamic neurons	Wednesday, May 28 2014
2-A-3	Cherif, H	Role of GPR55 in the development of the central nervous system.	Tuesday, May 27 2014
2-C-73	Chiasseu, M	Increased expression of retinal Tau in experimental glaucoma is neurotoxic	Tuesday, May 27 2014
3-A-3	Cho, M	Early changes in the offspring mesolimbic dopaminergic system induced by perinatal maternal high-fat diet	Wednesday, May 28 2014
1-A-4	Choudhury, M	Role of mTOR pathway in GABAergic maturation in the mouse neocortex	Monday, May 26 2014
3-F-148	Choueiry, J	Acute Effects of Nabilone on Attentional Processing in Healthy Participants: A Brain Event-Related Potential Study	Wednesday, May 28 2014
1-F-149	Choutova, A	Validity and application of the modulation index in assessing cross-frequency coupling	Monday, May 26 2014
1-E-136	Chrétien, C	Involvement of Reactive Oxygen Species (ROS) and Transient Receptor Potential Canonical (TRPC) in glucose sensitivity of hypothalamic neuron.	Monday, May 26 2014
2-F-151	Christopher, L	Aberrant dopamine in the salience network and parahippocampal gyrus contributes to memory impairment in Parkinson's disease	Tuesday, May 27 2014
3-F-149	Chrusch, M	The Benefits of Environmental Enrichment on Hippocampal Neurogenesis and Behavior Require Synaptic Zinc Signaling.	Wednesday, May 28 2014
1-F-175	Chung Tse, Y	A longitudinal study of stress-induced hippocampal volume changes in mice that are susceptible or resilient to chronic social defeat	Monday, May 26 2014
1-D-114	Clayton, H	Proprioceptive Precision is Impaired in Ehlers-Danlos Syndrome	Monday, May 26 2014
2-F-152	Clément, M	Interacting with bots online: users reactions to actions of automated programs in the virtual community of Wikipedia	Tuesday, May 27 2014
3-F-150	Cloke, J	GABAA receptor blockade prevents nicotinic reversal of crossmodal object recognition impairment in ketamine-treated rats: implications for cognitive deficits in schizophrenia	Wednesday, May 28 2014
2-D-116	Cluff, T	Local Adaptation of Feedback Responses and Voluntary Reaching Movements	Tuesday, May 27 2014
3-B-25	Condamine, S	Importance of astrocytic coupling for rhythmogenesis in neurons of the masticatory central pattern generator.	Wednesday, May 28 2014
1-B-26	Cornea, V	Involvement of spinal nuclear metabotropic glutamate 5 receptors (mGluR5) in persistent pain: anatomical and biochemical evidence	Monday, May 26 2014
3-C-72	Cote, M	DEPLETION IN PRO-INFLAMMATORY MONOCYTES/MACROPHAGES IS NEUROPROTECTIVE IN THE MYENTERIC PLEXUS BUT NOT IN THE BASAL GANGLIA IN A MPTP MOUSE MODEL OF PARKINSON'S DISEASE	Wednesday, May 28 2014
1-C-73	Crapper, L	HPRT Deficiency in Human Neural Progenitor Cells	Monday, May 26 2014
3-D-114	Crevecoeur, F	Multi-Sensory Integration following Mechanical Perturbations	Wednesday, May 28 2014

2-C-74	Cruceanu, C	Translocation breakpoint sequencing for the identification of pathogenic genes in psychiatry	Tuesday, May 27 2014
3-C-73	Cueva-Vargas, J	Glia-derived tumor necrosis factor alpha promotes retinal ganglion cell death through overexpression of philanthotoxin-sensitive calcium permeable AMPA receptors.	Wednesday, May 28 2014
2-B-27	Cunningham, C	Mechanisms of septin 5-mediated inhibition of neurotransmitter release	Tuesday, May 27 2014
1-A-3	Cvetkovska, V	Ten-m regulates precise synaptic targeting in Drosophila mechanosensory neurons	Monday, May 26 2014
2-D-117	Dabdoub, A	Direct conversion of endogenous cells into functional neurons in the mammalian inner ear using defined transcription factors	Tuesday, May 27 2014
1-F-151	Dacosta-Aguayo, R	Metabolic Imbalance, Default Mode Network Activity, White Matter Integrity and Cognitive Outcome in Stroke Patients	Monday, May 26 2014
1-D-116	Dale, A	Loss of alpha-9 nAChR in the efferent vestibular pathway affects vestibulo-ocular reflex responses to horizontal rotation in mice	Monday, May 26 2014
3-D-115	Dale, A	Vestibular neuronal ensemble coding during self-motion	Wednesday, May 28 2014
3-B-26	Daniels, B	Functional consequences of cysteine mutations at the kainate receptor dimer interface	Wednesday, May 28 2014
2-D-118	Daou, I	Optical inhibition of peripheral pain pathways in freely moving optogenetic mice	Tuesday, May 27 2014
1-B-27	Darabid, H	Glial cells govern synaptic plasticity of competing nerve terminals at the mammalian neuromuscular junction	Monday, May 26 2014
2-B-28	Dargaei, Z	PKC and Ca2+ suppress electrical signaling between neuroendocrine cells of Aplysia	Tuesday, May 27 2014
3-G-180	David, L	Efficient gene delivery into the mouse hindbrain using in utero electroporation	Wednesday, May 28 2014
3-B-27	Dawe, G	Glutamate receptor activation involves stabilization at the apex of the ligand-binding domain	Wednesday, May 28 2014
1-C-74	D'Cunha, T	The role of leptin in the augmentation of heroin seeking induced by chronic food restriction.	Monday, May 26 2014
1-B-28	de Faria Jr., O	MYELIN-SPECIFIC ABLATION OF UNC5B IMPROVES MOTOR FUNCTION IN MICE	Monday, May 26 2014
2-F-153	de Franca, B	SLOW OSCILLATIONS AUGMENTATION DURING SLEEP INCREASES OBJECT RECOGNITION PERFORMANCE IN MICE	Tuesday, May 27 2014
3-F-151	de la Salle, S	Acute Effects of Nabilone on Sensory Memory in Healthy Participants: A Brain Event-Related Potential Study	Wednesday, May 28 2014
3-F-163	de Vega, W	Developmental high fat diet exposure induces long-term changes in anxiety behaviour and glucocorticoid signaling in the brain	Wednesday, May 28 2014
1-F-152	Dedovic, K	Neural response to social evaluation in previously depressed compared to healthy young women: Differential engagement of dorsal anterior cingulate over time	Monday, May 26 2014

2-A-4	DeGeer, J	The molecular chaperone Hsc70 is a modulator of Trio Rac1 GEF activity, critical for netrin-1/DCC-dependent cortical axon outgrowth and guidance	Tuesday, May 27 2014
1-C-79	Demers, M	Activation of caspase-6 and cleavage of STK3 in an early event in an in vitro model of stroke.	Monday, May 26 2014
2-C-75	Demers-Lamarche, J	LKB1-regulated adaptive mechanisms are essential for clearance of protein aggregates and neuronal survival following mitochondrial dysfunction	Tuesday, May 27 2014
2-F-154	Deschamps, I	Correlations between brain and behavior: insights into the processing of statistical information.	Tuesday, May 27 2014
2-I-189	Desjardins, J	IN VIVO 2-PHOTON CALCIUM IMAGING OF THE BRAIN : ACTIVE NEURONS REVEALED BY SPATIO-TEMPORAL CORRELATION ANALYSIS AND REGION-GROWING SEGMENTATION.	Tuesday, May 27 2014
3-D-116	Deska-Gauthier, D	The characterization of Calretinin expressing V3 interneurons in the mouse spinal cord	Wednesday, May 28 2014
1-D-117	Desmarais, M	Snout mechanosensory influence on arm extensor response in newborn opossums, Monodelphis domestica	Monday, May 26 2014
3-C-74	Déziel, R	The effects of focal ischemic lesions of the prefrontal cortex on attentional set-shifting behaviour in the rat	Wednesday, May 28 2014
1-E-135	Dhir, S	Transgenerational transmission of maternal care via the regulation of estrogen receptor alpha	Monday, May 26 2014
2-C-76	Di Prospero, C	Neurophysiological traces of L-DOPA-induced dyskinesia in the bed nucleus of the stria terminalis of 6-OHDA-lesioned rats	Tuesday, May 27 2014
3-F-152	Diamond, J	Rewards and movement-related costs shape fast decision-making in a human target foraging task	Wednesday, May 28 2014
3-C-75	Dian, J	Spatial characterization of optogenetically induced seizures	Wednesday, May 28 2014
1-F-153	Dickinson, P	The effect of memory reconsolidation blockade on functional connectivity	Monday, May 26 2014
2-B-29	Diering, G	PKA-GluA1 coupling via AKAP5 controls AMPA receptor phosphorylation and cell-surface targeting during bidirectional homeostatic plasticity	Tuesday, May 27 2014
2-F-155	Diez, B	Memory or attention? The effect of early auditory experience on neural immediate-early gene expression in female zebra finch (<i>Taeniopygia guttata</i>) auditory forebrain areas.	Tuesday, May 27 2014
1-C-75	Do Carmo, S	S-adenosylmethionine reduces amyloid pathology severity in the McGill-Thy1-APP mouse model of Alzheimers disease	Monday, May 26 2014
3-F-153	Dong, X	Decline in Cognitive Function and Risk of Elder Self-Neglect: Finding from the Chicago Health Aging Project	Wednesday, May 28 2014
2-C-69	D'Souza, Y	Characterization of aldehyde dehydrogenase 2 (ALDH2) null mice as a model of age-related cognitive impairment with Alzheimer's Disease-like pathologies	Tuesday, May 27 2014
1-F-155	Dube, L	Dopamine ""Plasticity"" genes- A review of the theory and its potential relevance for understanding overeating and obesity	Monday, May 26 2014
1-H-187	Dubljevic, V	The rising tide of transcranial direct current stimulation (tDCS) in the media and peer review literature	Monday, May 26 2014

3-B-28	Ducharme, G	Weakly coupled oscillators interactions between the medial septum and the hippocampus mediated by the septum long-range GABAergic projections.	Wednesday, May 28 2014
2-C-77	Duchesneau, J	Role of exogenous oxytocin on heroin self-administration in male Long-Evans rats: A time factor effect	Tuesday, May 27 2014
3-C-76	Durcan, T	USP8 Regulates Mitophagy by Removing K6-linked Ubiquitin Conjugates from Parkin	Wednesday, May 28 2014
1-B-29	Dyck, S	Chondroitin Sulfate Proteoglycan negatively regulate the properties of Adult Spinal Cord Neural Precursor Cells through LAR and PTP σ receptors and activation of the Rho/ROCK pathway	Monday, May 26 2014
2-E-137	Edwards, A	Rimonabant peripheral injections attenuate the orexigenic effect of ghrelin infused into the VTA	Tuesday, May 27 2014
2-D-119	Eid, L	Pallidal neurons and their afferent projections are influenced by volume transmission of acetylcholine in primates	Tuesday, May 27 2014
2-B-30	El Gaamouch, F	Role of calpain-mediated cleavage of NMDA receptor GluN2B subunit on synaptic potentiation	Tuesday, May 27 2014
1-C-76	El Hage, C	CHRONIC HALOPERIDOL ENHANCES AMPHETAMINE-INDUCED CONDITIONED REWARD: ALTERED REWARD CIRCUITS ?	Monday, May 26 2014
3-B-29	El Helou, J	Sleep deprivation impacts on Neuroligin-2 and -3 protein levels in the mouse brain	Wednesday, May 28 2014
1-G-179	El Youssef, M	In vivo inhibition of subcutaneous glioma progression by oral 2,5-dihydroxyphenyl sulfonate in rats through reduction of tumoral angiogenesis and apoptosis induction	Monday, May 26 2014
2-C-78	Ellegood, J	Clustering autism - using neuroanatomical differences in 27 mouse models to gain insight into the heterogeneity.	Tuesday, May 27 2014
2-B-31	Elliott, B	CHARACTERIZATION OF DRG SANDWICH SYNAPSE NEURON PAIRS: INVOLVEMENT OF TRPV1-POSITIVE SENSORY NEURON TYPES	Tuesday, May 27 2014
3-C-77	Fan, X	Peptide-mediated degradation of a death-inducing kinase as a therapy for stroke	Wednesday, May 28 2014
1-C-77	Farmer, K	Granulocyte macrophage-colony stimulating factor and erythropoietin influence striatal regeneration in a prodromal model of Parkinson's disease.	Monday, May 26 2014
3-A-4	Farooqi, N	Inflammation elevates the rate of axonal structural remodeling in a developing neural circuit	Wednesday, May 28 2014
2-C-79	Farrell, J	Sustained Ischemia/Hypoxia Follows Cessation of Seizures and Results in Todd's Paralysis	Tuesday, May 27 2014
1-B-30	Fasano, C	ANATOMICAL CHARACTERIZATION OF VGLUT3-POSITIVE GABAERGIC BASKET CELL TERMINALS IN THE HIPPOCAMPUS	Monday, May 26 2014
2-F-157	Ferdinand, J	The effect of JDTic on stress-induced reinstatement of sugar seeking	Tuesday, May 27 2014
3-B-30	Ferguson, K	Network models provide insight into how oriens-lacunosum-moleculare (OLM) and bistratified cell (BSC) interactions influence local CA1 theta oscillations	Wednesday, May 28 2014
3-F-155	Ferland, G	The action of vitamin K in brain during aging is linked to the pAKT/AKT and apoptotic caspases-3, -8, -12 signaling pathways.	Wednesday, May 28 2014

1-F-156	Fernandes, M	Loss of Stat3 signalling in midbrain dopamine neurons enhances anxiety-like behaviour in female mice	Monday, May 26 2014
3-E-135	Fernandes, M	Loss of STAT-3 Signaling in Dopamine Neurons Enhances Locomotor Activity and Running Reward	Wednesday, May 28 2014
2-F-158	Fernandez Cruz, A	The relationship between schizotypy and willingness to play social roles	Tuesday, May 27 2014
3-C-78	Fertan, E	Age-Related Changes in Working Memory in the Hebb-Williams Maze in the Triple Transgenic Mouse Model of Alzheimer's Disease	Wednesday, May 28 2014
3-F-156	Fiander, M	Validation and comparison of 2-day and standard-length MWM protocols: Analysis of procedural sensitivity to detect visuo-spatial learning and memory in the 5XFAD mouse model of Alzheimer's disease.	Wednesday, May 28 2014
1-F-157	Finnie, P	Amyloid-beta regulates memory stability	Monday, May 26 2014
1-A-5	Fogarty, L	Mcl-1 and Bcl-x survival signaling through neurogenesis	Monday, May 26 2014
2-A-5	Fomitcheva, V	The effects of reducing early life estradiol on Morris water maze performance in rats	Tuesday, May 27 2014
2-G-182	Fontaine-Lavallée, C	A new standalone software for interactive filtering of movement artifacts generated during multiphoton intravital imaging of neuroinflammation	Tuesday, May 27 2014
3-A-5	Forbes, H	Effects of prenatal and neonatal nicotine exposure on the 3beta- hydroxysteroid dehydrogenases (3 β -HSD) enzymes of steroidogenesis in the rat hippocampus	Wednesday, May 28 2014
3-G-181	French, L	Excross: a tool multigene expression mapping in the mouse brain	Wednesday, May 28 2014
2-F-159	Freyburger, M	Effect of sleep deprivation on EphA4 and response to sleep deprivation in EphA4 knockout mice	Tuesday, May 27 2014
1-B-31	Fux, J	Accessory beta subunits for molluscan Nav1 sodium channels are members of a novel CUB domain containing protein family	Monday, May 26 2014
1-E-137	Füzesi, T	A novel circuit for stress termination	Monday, May 26 2014
1-F-158	Gagné, J	Behavioral adverse effect profile of Brivaracetam versus Levetiracetam in the rat kainic acid (KA) model of temporal lobe epilepsy (TLE).	Monday, May 26 2014
2-C-100	Galan, A	Injury to distant neuronal fibers activates retinal glia, followed by neuronal cell cycle re-entry and DNA hyperploidy, and neuronal death.	Tuesday, May 27 2014
1-A-6	Gallagher, D	Autism-Associated Ankrd11 is a Novel Epigenetic Regulator of Neurogenesis	Monday, May 26 2014
2-F-160	Gallant, S	Effects of chronic prenatal MK-801 treatment on cognitive flexibility in the adult rat offspring	Tuesday, May 27 2014
2-B-32	Gardezi, S	THE ROLE OF CAV2.2 DISTAL C-TERMINUS IN SYNAPTIC VESICLE TETHERING	Tuesday, May 27 2014
3-A-13	Gatto, G	Characterization of a cleavage-resistant EphA4 receptor in spinal motor neurons	Wednesday, May 28 2014

3-B-31	Geddes, S	Functional Dissection of Descending Medial Prefrontal Cortex Inputs to the Dorsal Raphe Nucleus	Wednesday, May 28 2014
2-E-139	Gendron, W	Feeding and Hormonal abnormalities in 5xFAD mice	Tuesday, May 27 2014
1-B-32	Geng, S	Transmembrane Protein Coxsackievirus and Adenovirus Receptor (CAR) Promotes Neurite Outgrowth: Role of Translation Regulation	Monday, May 26 2014
2-A-6	Gengatharan, A	Calcium imaging in the neural stem cell of the adult brain	Tuesday, May 27 2014
2-B-33	Gibon, J	ProBDNF and p75NTR regulate excitability and firing of pyramidal neurons	Tuesday, May 27 2014
1-F-159	Gibson, R	Detection of bottom-up and top-down attentional control mechanisms using a vibro-tactile Brain-Computer Interface (BCI)	Monday, May 26 2014
3-A-6	Gill, N	Pre-pubertal rats behaving badly: Assessing behaviour in the Morris water maze	Wednesday, May 28 2014
1-G-180	Gilmore, G	Objective kinematic assessment of torticollis using motion sensors	Monday, May 26 2014
2-C-80	Gilmore, G	Optimization of Deep Brain Stimulation Parameters for PD Patients Using Objective Measures	Tuesday, May 27 2014
2-G-183	Giner, X	Development of BRET-based biosensors for nuclear receptors associated with dopamine neurotransmission	Tuesday, May 27 2014
3-C-79	Girouard, M	RhoA proteolysis: A novel mechanism for RhoA regulation and its possible applications for CNS regeneration	Wednesday, May 28 2014
3-E-137	Gjerde, E	Developmental responses of the lateral hypothalamus to leptin and ghrelin in rat pups.	Wednesday, May 28 2014
3-B-32	Glovaci, I	D1-receptor activation facilitates synaptic transmission in the lateral entorhinal cortex via activation of the cAMP-PKA pathway and elevation of intracellular calcium	Wednesday, May 28 2014
1-A-7	Gobert, D	TORC1 regulates excitatory synaptic maturation and dendritic development in vivo in the retinotectal system of <i>Xenopus laevis</i>	Monday, May 26 2014
1-B-33	Graber, T	Investigating the role of Staufen 2 and the nonsense-mediated decay factor Upf1 in regulating stalled neuronal polyribosomes.	Monday, May 26 2014
3-C-80	Gratuze, M	Age-dependent tau hyperphosphorylation and deregulation of PP2B in Huntington mice models	Wednesday, May 28 2014
1-C-80	Greenhalgh, A	Differences in the phagocytic response of microglia and peripheral macrophages after spinal cord injury and its effects on cell death	Monday, May 26 2014
3-F-158	Gregory, J G	ACQUISITION OF SCHEDULE-INDUCED POLYDIPSIA: HIPPOCAMPAL AND STRIATAL DISSOCIATION IN THE Y MAZE	Wednesday, May 28 2014
2-C-82	Grenier, K	Mitochondrial Processing Peptidase Regulates PINK1 Processing, Import and Parkin Recruitment : Insights into mechanism	Tuesday, May 27 2014
2-C-86	Gris, P	FTY720 induces transcription of neuroprotective genes to regulate Ca ²⁺ homeostasis in human astrocytes	Tuesday, May 27 2014

2-B-34	Groten, C	The characterization and role of mitochondrial Ca2+ dynamics in Aplysia neuroendocrine cells	Tuesday, May 27 2014
3-B-33	Gu, N	Intrinsic theta-gamma coupling properties in the mouse CA1/subiculum area in the complete hippocampus in vitro	Wednesday, May 28 2014
1-B-34	Guan, W	Cysteine substitutions in the Domain II turret of T-type channels can uncouple ion conductances and alter cation block	Monday, May 26 2014
2-A-7	Guang, Y	The translational regulators eIF4E and eIF4E-T form a repressive protein:mRNA complex that determines neural stem cell self-renewal versus differentiation	Tuesday, May 27 2014
2-F-161	Gulli, R	Decision-related eye movement patterns during virtual navigation in non-human primates (Macaca mulatta)	Tuesday, May 27 2014
3-C-81	Guma, E	Effects of chronic typical and atypical antipsychotic treatment on mouse brain volume: a longitudinal magnetic resonance imaging study	Wednesday, May 28 2014
1-B-59	Ha Tran, C	Astrocyte Ca2+ transients respond to changes in blood flow: Revealed by two-photon imaging in awake mice	Monday, May 26 2014
3-D-117	Hamadjida, A	Topographic analysis of cortical connections of the primary motor cortex (M1) in a New World monkey (Cebus apella).	Wednesday, May 28 2014
2-B-35	Hamidi, S	Effects of a KCC2 blocker on network activity in piriform and entorhinal cortices	Tuesday, May 27 2014
3-B-34	Harding, E	Action Potential Induced Dendritic Calcium Responses in Spinal Cord Lamina I Neurons	Wednesday, May 28 2014
3-A-7	Hardy, D	Integration and functional role of different sub-populations of newborn granule cells in the adult olfactory bulb.	Wednesday, May 28 2014
1-D-118	Harvey-Girard, E	SK channels convert burst NMDAR-dependent LTD to LTP in communication sensory neurons	Monday, May 26 2014
2-D-120	Hashemi, A	White Noise Visual Motion Reconstruction From MEG	Tuesday, May 27 2014
3-F-159	Hassan, Z	The development of a rat model of chronic cerebral ischemia: effects on motor and cognitive functions	Wednesday, May 28 2014
1-B-35	Hastings, M	Investigating Formation and Substrates of Protein Kinase M During Synaptic Plasticity in Aplysia	Monday, May 26 2014
2-B-36	Hawken, E	Post-synaptic Long-Term Potentiation of GABA Synapses in the Oval Bed Nucleus Stria Terminalis	Tuesday, May 27 2014
1-A-8	Hawkins, C	Response of Medullary Catecholaminergic Heme-Oxygenase-2 Coexpressing Neurons to Hypoxia in Chick Embryos	Monday, May 26 2014
3-D-118	He, H	Role of Mechanosensitive Channels in Osteoarthritis Pain	Wednesday, May 28 2014
3-B-35	Hebert-Seropian, S	Translational control downstream of initiation during mGluR LTD in cultured hippocampal neurons	Wednesday, May 28 2014
1-D-119	Heming, E	Primary motor cortical neurons reflect torque-related activity from ipsilateral limb	Monday, May 26 2014

1-B-36	Hénault, C	Sequence variability leads to distinct roles for M4 as an allosteric regulator of pentameric ligand-gated ion channels	Monday, May 26 2014
3-G-182	Henry, M	The Virtual Reality Stroop: Impulsivity and Attention Assessment	Wednesday, May 28 2014
2-D-121	Hermosillo, R	TMS-induced plasticity causes changes in cerebral blood flow	Tuesday, May 27 2014
3-D-119	Hermosillo, R	Repetitive Transcranial Magnetic Stimulation Disrupts Prediction of Spatial Location of the Limb	Wednesday, May 28 2014
2-B-37	Herrington, R	Neurosteroids modulate interictal activity and high frequency oscillations in the CA3 subfield	Tuesday, May 27 2014
2-A-8	Hour, N	Anatomical study of the relationship between neurons releasing gonadotrophin hormone and the terminal nerve in neonatal opossum (<i>Monodelphis domestica</i>)	Tuesday, May 27 2014
3-B-36	Howard, D	Activity induced changes in neuronal excitability in a developing central synapse	Wednesday, May 28 2014
1-E-138	Hryhorczuk, C	The monounsaturated fatty acid oleate in the ventral tegmental area inhibits food intake and dopamine neurotransmission	Monday, May 26 2014
1-D-120	Huang, C	Differential neural responses to naturally occurring envelopes in the electrosensory system	Monday, May 26 2014
1-B-37	Huang, S	Electrophysiological properties of rat subfornical organ neurons expressing calbindin d28K	Monday, May 26 2014
2-E-140	Huang, S	Morphological and electrophysiological plasticity of tyrosine hydroxylase neurons in mouse arcuate nucleus	Tuesday, May 27 2014
1-F-160	Huntgeburth, S	Local Morphology Predicts Functional Organization for the Cognitive Map Task within Parahippocampal Cortex in the Human Brain	Monday, May 26 2014
1-C-81	Hutchings, S	Recombinant IL-4 injection into the brain alters the inflammatory response and grey matter injury in a rat model of ischemic stroke	Monday, May 26 2014
2-C-83	Imbeault, E	The role of the NOD-like receptor, NLRX1, in neuronal cell death	Tuesday, May 27 2014
3-E-138	Inoue, W	Brainstem noradrenergic afferents excite hypothalamic neurons through glutamate co-release	Wednesday, May 28 2014
3-A-8	Irvine, E	Controlling postsynaptic receptors expression as a model to investigate synaptic refinement	Wednesday, May 28 2014
3-F-157	Isacu, D	The supraoptic nucleus neuron-glia structural plasticity and the social behavior responses to salt loading in rodents are regulated by EphA4	Wednesday, May 28 2014
1-C-82	Isingrini, E	Dissociating dopamine functions with new models of dopamine depletion specific to the mesocorticolimbic or nigrostriatal pathways	Monday, May 26 2014
1-C-96	Iworima, D	Impact of molecular motor disruption on mitochondrial dynamics and function	Monday, May 26 2014
2-C-84	Iyirhiaro, G	Regulation of ischemic neuronal death by E2F4/p130 complexes.	Tuesday, May 27 2014

2-F-162	Jacklin, D	Investigating the role of orbitofrontal cortex in crossmodal object recognition in rats	Tuesday, May 27 2014
2-B-38	Jalloul, A	Residues Important for Ca ²⁺ Transport in the Neuronal Na ⁺ /Ca ²⁺ and K ⁺ Exchanger (NCKX2)	Tuesday, May 27 2014
2-D-122	Jantz, J	Functional connectivity of the subthalamic nucleus and substantia nigra pars reticulata depends on behavior	Tuesday, May 27 2014
3-D-120	Javadi, P	The role of cannabinoid receptors in monkey retina	Wednesday, May 28 2014
3-C-106	Jayabal, S	Developmental abnormalities in the cerebellum of spinocerebellar ataxia type 6 mice	Wednesday, May 28 2014
1-E-139	Jego, S	Optogenetic dissection of the MCH system: implications for sleep-state modulation.	Monday, May 26 2014
3-C-83	Jiang, D	Abnormal Myelination during Brain Development in Fragile X Mice	Wednesday, May 28 2014
3-B-37	Jinadasa, T	Role of synaptically-induced intracellular acidification on synaptic plasticity	Wednesday, May 28 2014
1-C-83	Jmaeff, S	GDNF Mimetics for Neuroprotection in the Retina	Monday, May 26 2014
3-F-160	Joseph-Hernández, S	Identifying TrkA receptor mediated mechanisms affecting hippocampal-dependent memory	Wednesday, May 28 2014
2-C-85	Joshi, K	Delineating the role of the GIRK2 channel in the generation of Behavioral Spasms and Electrodecremental events in Infantile Spasms	Tuesday, May 27 2014
3-C-84	Julien, C	Endoplasmic reticulum stress, TDP-43, FUS and progranulin involvement in models of Huntington's disease	Wednesday, May 28 2014
1-C-84	Juzwik, C	Identifying microRNA regulators of neuronal viability and repair in multiple sclerosis	Monday, May 26 2014
2-A-9	Kaplan, A	14-3-3 proteins regulate commissural neuron responses to netrin	Tuesday, May 27 2014
1-F-161	Keeley, R	The effects of beta-amyloid administration in an animal model of diabetes	Monday, May 26 2014
3-C-85	Kennedy, M	Ceramidase Activity is Required for the Neurotoxic Effects of a Lipid Second Messenger Molecule Elevated in Alzheimer's Disease	Wednesday, May 28 2014
3-C-101	Khalaj, S	Role of the lipid transcription factor SBP-1 and its down-stream genes in dopaminergic neurons degeneration in C. elegans	Wednesday, May 28 2014
1-B-38	Khan, M	The role of CaMKII beta in regulating structural plasticity of dendritic spines	Monday, May 26 2014
1-C-85	Khan, S	The Frequency of Coagulopathy And Its Significance In An Emergency Neurotrauma Facility.	Monday, May 26 2014
2-D-123	Khanafer, S	The influence of remembered sensory information on sensory integration	Tuesday, May 27 2014

2-C-87	Khoutorsky, A	Pharmacogenetic inhibition of eIF4E-dependent Mmp9 mRNA translation reverses Fragile-X syndrome-like phenotypes	Tuesday, May 27 2014
2-F-163	Kielar, A	Oscillatory responses to sentence embedded semantic and syntactic violations: Effect of bilingualism	Tuesday, May 27 2014
3-D-121	King, J	Orientation Plasticity in Mouse Primary Visual Cortex	Wednesday, May 28 2014
2-E-141	Kmeid, M	Methyl-CpG-binding domain protein 2 (MBD2) is associated with levels of maternal care in C57/BL6 mice	Tuesday, May 27 2014
2-B-39	Kolisnyk, B	Cholinergic regulation of cognitive function and underlying molecular mechanisms	Tuesday, May 27 2014
3-B-38	Konefal, S	Adaptive role for TNF α -mediated plasticity in cocaine addiction	Wednesday, May 28 2014
3-A-9	Korgan, A	Prenatal paternal stress and postnatal enhanced home cage affect maternal care and anxiety like behaviour in juvenile rats	Wednesday, May 28 2014
3-F-174	Korgan, A	Maternal care effects on ATRX expression and long-term neurobehavioural development	Wednesday, May 28 2014
3-C-86	Koshimori, Y	Elevated microglial activation in PD patients expressing a polymorphism for high- affinity binding for [18F]-FEPPA in striatal and extra-striatal regions: A PET study	Wednesday, May 28 2014
1-C-86	Krawczyk, M	PATHOLOGICAL SHARP WAVES AND HYPEREXCITABILITY IN A MOUSE MODEL OF FETAL ALCOHOL SPECTRUM DISORDER (FASD)	Monday, May 26 2014
1-B-39	Krief, N	Altered neuron-glia interactions at the neuromuscular synapse during normal aging	Monday, May 26 2014
2-C-88	Kroner-Milsch, A	Macrophage polarization after spinal cord injury is influenced by TNF- α and iron	Tuesday, May 27 2014
3-C-87	Kuhlmann, N	Investigation of neurotransmission and synapse maintenance in cultures from G2019S knock-in mice	Wednesday, May 28 2014
1-D-121	Kujala, J	MEG gamma oscillations in primary visual cortex are correlated with resting GABA-A receptor density	Monday, May 26 2014
2-B-40	Kuksis, M	Hydrogen sulfide influences sodium channels in subfornical organ neurons	Tuesday, May 27 2014
3-IBRO-187	Kunwar, A	Absence of endosomal SNAREs vti1a and vti1b led to significant neuronal degeneration in central as well as peripheral nervous system.	Wednesday, May 28 2014
3-B-39	Kupferschmidt, D	Active zone proteins RIM1ab are required for normal corticostriatal transmission and striatal-dependent behaviours	Wednesday, May 28 2014
1-A-9	Kwan, V	Regulation of Neural Connectivity by DISC1 through a novel Dixdc1-Actin Cytoskeleton Pathway	Monday, May 26 2014
1-B-40	La Fontaine, A	Synaptic inputs to somatostatin interneurons display transcription- and translation-dependent long-term synaptic plasticity	Monday, May 26 2014
1-D-122	Labbé, S	Effects of transcranial direct current stimulation, tDCS, of primary somatosensory cortex, S1, on tactile detection.	Monday, May 26 2014

3-F-161	L'Abbée Lacas, K	What prevents us from engaging in self-unfit behaviors: the putative role of the frontal N400 event-related potential in their preconscious inhibition	Wednesday, May 28 2014
2-B-41	Labrecque, S	Roles of alpha and betaCaMKII in exocytosis and synaptic trapping of AMPA receptors	Tuesday, May 27 2014
2-A-10	Lacoste, B	Neuronal activity drives vascular network formation in layer IV of the mouse somatosensory cortex	Tuesday, May 27 2014
3-A-10	Lai Wing Sun, K	The Rho guanine nucleotide exchange factor beta-Pix is required for netrin-1 mediated chemoattraction	Wednesday, May 28 2014
2-D-124	Lai, J	Changes in contrast responses of cells in the primary visual cortex after deactivation of the pulvinar	Tuesday, May 27 2014
1-B-41	Lalanne, T	Synapse-specific plasticity in the neocortical layer 5 microcircuit	Monday, May 26 2014
1-A-10	Landry, J	The distribution of cFos-immunoreactive neurons in the brainstem and hypothalamus of late gestation chicken embryos in response to acute hypoxia	Monday, May 26 2014
3-D-122	Lanthier, F	C-fos study of vestibular activity in neonatal opossums, Monodelphis domestica, a marsupial model for sensorimotor development	Wednesday, May 28 2014
1-D-123	Lapointe, T	TRPV1 sensitization is essential for the development of chronic, but not acute pain following colonic inflammation	Monday, May 26 2014
1-D-125	Larson, E	Serotonin modulates electrosensory processing and behavior via 5-HT2 receptors	Monday, May 26 2014
2-C-89	Lau, C	Robust stress response does not alter adult hippocampal neurogenesis after acute predator stress	Tuesday, May 27 2014
2-A-11	Law, C	Spinal Neuron Identity and Survival in the Absence of Neurosecretion	Tuesday, May 27 2014
1-F-162	Leavitt, M	Correlated spiking during spatial working memory in macaque prefrontal area 8r	Monday, May 26 2014
3-A-11	Lebrun-Julien, F	mTOR signaling in oligodendrocytes	Wednesday, May 28 2014
3-G-183	Lee, J	Effective Long-term Upper-Limb Tremor Treatment in Parkinson Disease Patients	Wednesday, May 28 2014
3-C-88	Legroux, L	Elevated NKG2D and NKG2D ligands expression in a mouse model of multiple sclerosis (EAE)	Wednesday, May 28 2014
3-B-41	Lemieux, M	Imaging of miniature synaptic Ca ²⁺ -transients as a readout of synaptic potentiation	Wednesday, May 28 2014
3-E-139	Lenglos, C	Acute intracerebroventricular administration of relaxin-3 induces sex-specific effects on food intake in rats	Wednesday, May 28 2014
1-A-11	Lesperance, S	Activity Induced Plasticity in AMPAR composition at the Developing Calyx of Held/MNTB Synapse	Monday, May 26 2014
2-C-81	Lessard-Beaudoin, M	Age-related changes in brain region weights are associated with caspase activation in wild type C57Bl6 mice.	Tuesday, May 27 2014

1-B-42	Leung, C	The role of PAK signaling in synaptic transmission and plasticity using a tetracycline inducible system in mice	Monday, May 26 2014
2-F-164	Levy, A	Intraoral self-administration of sweeteners in laboratory rats	Tuesday, May 27 2014
3-B-42	Li Fraine, S	Dynamic regulation of TREK-1 gating by polycystin-2 via a Filamin A-mediated cytoskeletal mechanism.	Wednesday, May 28 2014
1-B-43	Liao, E	The Kinesin Khc-73 regulates BMP signaling and Synaptic Homeostasis at the Neuromuscular Junction	Monday, May 26 2014
2-C-90	Liebsch, F	Determining the oligomeric state of the beta-site APP-cleaving enzyme 1 (BACE1) in natural membranes and detergents	Tuesday, May 27 2014
2-B-44	Liou, J	Developmental regulation of synaptic function by hydrogen peroxide at developing Xenopus neuromuscular synapse.	Tuesday, May 27 2014
3-C-89	Liu, J	The role of neuroligins in the generation of abnormal rhythmic theta discharges in EEG recordings	Wednesday, May 28 2014
3-B-43	Lively, S	The microglial activation state regulates migration and invasion	Wednesday, May 28 2014
3-G-179	Lo, C	Quantification of Protein Levels in Single Cells	Wednesday, May 28 2014
3-F-162	Lopez, J	Systems consolidation and reconsolidation in the thalamus	Wednesday, May 28 2014
2-I-191	Lorenzo, L	Gephyrin clusters are absent from small diameter primary afferent terminals despite the presence of GABA(A) receptors	Tuesday, May 27 2014
1-F-163	Lortie, C	The loss of a generation: the accelerating decline of hearing acuity among healthy adults	Monday, May 26 2014
2-G-181	Lou, J	A novel method of electrical stimulation to reduce tibialis anterior contraction fatigue	Tuesday, May 27 2014
2-D-125	Lowrey, C	Rapid whole-body postural responses following mechanical perturbations to the upper limb.	Tuesday, May 27 2014
1-C-89	Luczynski, P	The hemisphere-specific effect of chronic stress on the dendritic morphology of rat prefrontal cortical callosal neurons	Monday, May 26 2014
2-C-91	Luedke, A	Changes in functional connectivity correlate with attentional deficits in Alzheimer's disease	Tuesday, May 27 2014
2-F-172	Lupien-Meilleur, A	Synaptic impairment of cortical and hippocampal fast-spiking basket cells induces cognitive deficits in Cacna1a mutants.	Tuesday, May 27 2014
1-B-44	Luyben, T	Two-photon optogenetic control of cAMP dynamics in dendritic spines for studying synaptic plasticity	Monday, May 26 2014
2-A-12	MacDonald, J	The Transcriptional Co-Regulator Cited2 functions at Two Distinct Stages of Precise Neocortical Callosal Projection Neuron Development	Tuesday, May 27 2014
1-E-140	MacKay, H	Alterations in Hypothalamic Feeding Circuitry and Leptin Response in CD-1 Mice Perinatally Exposed to the Endocrine Disruptor Bisphenol-A (BPA)	Monday, May 26 2014

2-I-192	Madwar, C	Interfacing synthetic and native membranes: model lipid membrane domains for evaluating specific cellular responses	Tuesday, May 27 2014
3-B-59	Magnin, E	Synapse-specific expression of the alpha5 GABAA receptor subunit in hippocampal interneurons and its rapid decline in the pilocarpine model of temporal lobe epilepsy	Wednesday, May 28 2014
3-A-12	Mahar, I	Effects of exogenous neuregulin-1 on maturing adultborn neurons in the hippocampus	Wednesday, May 28 2014
1-A-12	Maheu, M	Evidence for impaired migration of SVZ-derived neuroblasts in suicide	Monday, May 26 2014
1-C-88	Mahmoudi, S	Haloperidol-induced dopamine D3 receptor upregulation in the direct pathway correlates with tardive dyskinesia in non-human primates	Monday, May 26 2014
3-C-90	Mahvelati, T M	The role of NOD-like Receptor Nlrp12 in Multiple Sclerosis	Wednesday, May 28 2014
1-C-90	Majer, A	Characterizing upregulated miRNAs during preclinical prion disease: possible roles in neuroprotection	Monday, May 26 2014
2-B-45	Mapplebeck, J	Sex differences in the spinal mechanisms underlying neuropathic pain in mice	Tuesday, May 27 2014
3-B-40	Marcoux, L	Cacnb4 regulates cortical fast-spiking basket cells synaptic efficiency: implications for epilepsy and cognitive impairment.	Wednesday, May 28 2014
2-F-165	Marshall, P	Differences of fructose/glucose ratios on operant self-administration and c-fos expression in the hypothalamus and nucleus accumbens	Tuesday, May 27 2014
3-D-123	Martin, C	Comparison of the reference frames for encoding translational self-motion in the vestibular and rostral fastigial nuclei	Wednesday, May 28 2014
2-C-92	Martineau, É	Glial cells at the NMJ are maladapted for reinnervation in the SOD1G37R ALS mouse model.	Tuesday, May 27 2014
1-D-124	Martinez, M	Role of residual dorsolateral pathways in locomotor recovery after spinal hemisection in cats	Monday, May 26 2014
1-G-182	Martinez, R	Neurointensivist as the main providers of care for Tele-stroke transfers: Our 4-year experience.	Monday, May 26 2014
1-C-91	Massart, R	Overlap in transcriptional and epigenetic signatures between sleep deprivation and epilepsy	Monday, May 26 2014
3-C-91	Massart, R	Nucleus accumbens DNA methylation states determine cocaine craving	Wednesday, May 28 2014
2-E-142	Massicotte, R	Chronic social stress influences maternal behavior in rats	Tuesday, May 27 2014
3-B-44	McAdam, R	Role of the Synaptotagmin-Dynamin interaction in synaptic vesicle recycling	Wednesday, May 28 2014
1-B-45	McCamphill, P	eEF2 acts as a biochemical sensor during synaptic plasticity, coupling diverse activity patterns to translational control	Monday, May 26 2014
2-B-46	McKinney, R	Christianson Syndrome-Linked Mutation in the Na ⁺ /H ⁺ Exchanger SLC9A6 Disrupts Recycling Endosomes and Synaptic Structures	Tuesday, May 27 2014

3-E-140	McLaughlin, R	Repeated Maternal Separation and Fragmented Maternal Care Differentially Modulate Neonatal Neuroendocrine Activation in Response to a Novel Psychological Stressor	Wednesday, May 28 2014
2-C-93	McLelland, G	Lysosomal targeting of mitochondrial vesicles requires components of the endocytic system: implications for Parkinson's disease	Tuesday, May 27 2014
1-E-141	McMahon, D	The effects of gonadectomy on hippocampal dendritic spine density and branching in adult male mice	Monday, May 26 2014
1-F-164	Ménard, C	Glutamate presynaptic vesicular transporter and postsynaptic receptor levels correlate with spatial memory in aging rat models	Monday, May 26 2014
3-B-45	Mendell, A	Activation of the ERK/MAPK pathway by dimethyl sulfoxide is ameliorated by the 5 α -reduced testosterone metabolite 3 α -androstenediol via GABAergic modulation in SH-SY5Y neuroblastoma cells.	Wednesday, May 28 2014
2-F-166	Mendrek, A	Lack of sex differences but menstrual cycle phase dependent modulation of craving for cigarettes in female smokers : An fMRI study	Tuesday, May 27 2014
2-D-126	Merritt, K	The Debate Is Over: Action and Perception Dissociate Using a 3D Variant of the Sanders Parallelogram Illusion While Controlling for Visual and Haptic Feedback	Tuesday, May 27 2014
2-A-13	Messa, I	High-Fat Diet-Induced Obesity Disrupts Hippocampal Synaptic Plasticity in both Female Rats and their Offspring	Tuesday, May 27 2014
1-B-46	Messier, C	Extracellular glucose and lactate rapidly increase in the motor cortex after initiation of movement	Monday, May 26 2014
3-D-124	Metzen, M	Changes in stimulus envelope reveal two classes of peripheral electrosensory neurons	Wednesday, May 28 2014
1-C-87	Michaud, J	The genetic landscape of infantile spasms	Monday, May 26 2014
2-D-127	Millicamps, M	Moderate to Severe Degenerative Intervertebral Discs identified by T2-RARE MRI in alive SPARC-null mice.	Tuesday, May 27 2014
2-E-143	Mimee, A	alpha-MSH exerts direct postsynaptic excitatory effects on NTS neurons and enhances GABAergic signaling in the NTS	Tuesday, May 27 2014
3-F-164	Minhas, M	Effects of heroin dependence on yohimbine-induced reinstatement of heroin seeking and startle reflex in rats	Wednesday, May 28 2014
1-F-165	Minogianis, E	INCREASING THE SPEED OF COCAINE DELIVERY AUGMENTS THE MOTIVATION TO TAKE THE DRUG AND PROMOTES REGULATION OF CORTICOSTRIATAL BDNF and TrkB mRNA	Monday, May 26 2014
3-D-125	Miranda, Z	Contribution of presynaptic inhibition to balance control reactions in healthy subjects	Wednesday, May 28 2014
1-G-181	Miracourt, L	Characterization of a new red genetically encoded calcium indicator optimized for 2-photon imaging	Monday, May 26 2014
2-B-47	Miracourt, L	Endocannabinoid signaling enhances visual responses through modulation of intracellular chloride levels in retinal ganglion cells.	Tuesday, May 27 2014
1-D-126	Mirédin, K	Training induced dynamic filtering of auditory distractors in the rat primary auditory cortex	Monday, May 26 2014
2-D-128	Mitchell, D	Investigating the neural encoding of linear self-motion	Tuesday, May 27 2014

3-D-126	Mitchell, D	Characterization of central vestibular neuron activity during electrical stimulation delivered by a vestibular prosthesis	Wednesday, May 28 2014
3-B-46	Mitra, A	Decreased activity of the lateral septum in sucrose-overeating rats with a history of repeated food restriction and stress	Wednesday, May 28 2014
2-F-167	Mohamed Ali, O	The effect of atypical antipsychotics on an index of semantic processing	Tuesday, May 27 2014
1-D-127	Monaco, S	Neural substrates involved in the integration of object properties and intended actions	Monday, May 26 2014
3-F-165	Mondragon Rodriguez, S	Optogenetic modulation of cholinergic neurons in the medial septum-vertical limb of the diagonal band of Broca (MSvDB) and its effect on hippocampal activity	Wednesday, May 28 2014
2-D-129	Monnor, T	Neural Correlations in the Electrosensory Lateral Line Lobe of the Weakly Electric Fish, <i>Apteronotus leptorhynchus</i> : Analysis of Multi-Channel Recordings	Tuesday, May 27 2014
2-I-190	Monseratt Lopez Ayon, G	Creating Artificial Neuronal Connections	Tuesday, May 27 2014
3-C-92	Moonen, G	Development of a Novel Lumbar Spinal Cord Injury Model to Examine the Therapeutic Potential of Transplanting Neuronally Induced Neural Stem/Progenitor Cells.	Wednesday, May 28 2014
2-G-185	Moreau, J	BrainDir: A Public Online Repository for Healthy Control Neuroimaging Data	Tuesday, May 27 2014
1-F-166	Morrissey, M	Linking memory-related firing of prefrontal neurons to the strength of their entrainment to theta oscillations in the rhinal cortex and ventral hippocampus	Monday, May 26 2014
3-D-127	Mostafa, A	Generalization of Reach Adaptation and Proprioceptive Recalibration to Different Distances of the Workspace	Wednesday, May 28 2014
1-B-53	Mu Nar Saw, N	The role of Disrupted-in-Schizophrenia 1 (DISC1) in synaptic plasticity	Monday, May 26 2014
1-B-47	Mukherjee, B	Unlearning: NMDA receptor mediated metaplasticity in the anterior piriform cortex following early odor preference training in rats	Monday, May 26 2014
2-F-168	Mulvihill, K	Profile differences in 50 kHz vocalizations induced by systemic or intraaccumbens application of amphetamine	Tuesday, May 27 2014
1-A-13	Munz, M	Patterned activity instructs axon refinement: a revision of Hebb's rules	Monday, May 26 2014
3-G-184	Naderian, A	Functional optical imaging of the retina through intrinsic signals	Wednesday, May 28 2014
2-B-48	Nagi, K	Beta-ARRESTIN2 MODULATES THE SIGNALLING COMPLEXES FORMED BY THE INWARD RECTIFYING POTASSIUM CHANNELS KIR3 AND DELTA OPIOID RECEPTORS	Tuesday, May 27 2014
1-C-92	Nantes, J	Atrophy and cortical demyelination predict the severity of depressive symptoms among people with relapsing-remitting multiple sclerosis	Monday, May 26 2014
1-D-128	Nashed, J	The sensitivity of primary motor cortex to pre-perturbation muscle activity suggests knowledge of the inherent properties of motoneurons	Monday, May 26 2014
3-B-47	Nath, A	Functional Analysis of Calcium Channel-Synaptic Vesicle Tethering in Live Cryoloaded Synaptosomes.	Wednesday, May 28 2014

2-D-130	Neupane, S	Dynamics of peri-saccadic receptive fields in monkey area V4	Tuesday, May 27 2014
1-B-48	Nguyen, H	Variations in Early Life Maternal Care Program Molecular Determinants of Hippocampal Plasticity and Intrinsic Excitability	Monday, May 26 2014
3-D-128	Nguyen, H	Activation pattern of the primary visual cortex elicited by electrical stimulation of the prefrontal cortex in mice	Wednesday, May 28 2014
2-C-94	Nguyen, R	GABA Neuron Inhibition in the Ventral Hippocampus Induces Behavioural Models of Schizophrenia	Tuesday, May 27 2014
3-C-93	Nicolini, C	Decreased mTOR signaling via p70S6K/eIF4B is associated with loss of the excitatory postsynaptic marker PSD-95 in autism	Wednesday, May 28 2014
1-B-55	Njap, F	Population bursts in large excitatory network models of hippocampus with biological constraints	Monday, May 26 2014
1-C-93	Noel, A	Involvement of ERK1/2 in Tau phosphorylation	Monday, May 26 2014
2-B-49	Nona, C	Examination of TrkB-receptor signalling and accumbal dendritic spine density in the sensitization response to ethanol	Tuesday, May 27 2014
3-F-166	Norris, C	Endocannabinoid System Involvement in Impulsivity and Decision-Making	Wednesday, May 28 2014
1-B-49	Nuro, E	Investigating the Role of the mRNA Binding Protein FXR1P in Brain Plasticity	Monday, May 26 2014
1-D-129	Oliveira Ferreira de Souza, B	Retinotopic maps and functional properties of V1 in D2 dopamine receptor knockout mice	Monday, May 26 2014
1-C-78	Pacelli, C	Axonal arborization and mitochondrial metabolism as key contributors to the selective vulnerability of substantia nigra dopamine neurons.	Monday, May 26 2014
2-B-50	Paradis-Isler, N	Activity-dependent localization and turnover of Argonaute proteins in hippocampal neurons.	Tuesday, May 27 2014
2-C-95	Paré, A	EARLY EFFECTS OF NEUTROPHILS AND IL-1 β IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS.	Tuesday, May 27 2014
2-A-14	Parent, C	The effects of environmental enrichment on transcriptional regulation in the hippocampus are associated with early life maternal care in rats.	Tuesday, May 27 2014
1-F-167	Parr, A	A brain network for strategic decision-making	Monday, May 26 2014
1-F-150	Pastor-Bernier, A	Premotor cortical activity reflects value and effort biases during reach decisions	Monday, May 26 2014
3-C-94	Patten, S	Chemical genetic screens of TARDBP modifiers in C. elegans and zebrafish	Wednesday, May 28 2014
3-B-49	Penna, A	Hydrogen peroxide potentiation of a tonic GABA current in hippocampal neurons requires extracellular oxidation and the Fenton reaction	Wednesday, May 28 2014
1-B-50	Perez, A	Immature phenotype in Perisynaptic Schwann cells after denervation and during reinnervation	Monday, May 26 2014

2-B-43	Perreault, O	Identification of gene targets for Nur77, a transcription factor associated with dopamine-related neuroadaptation	Tuesday, May 27 2014
1-C-94	Perret, L	Unraveling the function of norepinephrine in anxiety and depression with a new NE depletion model: the conditional VMAT2 knockout mouse	Monday, May 26 2014
2-C-96	Peters, S	Familial Prion protein mutants inhibit HRD1-mediated retrotranslocation of misfolded proteins	Tuesday, May 27 2014
2-B-51	Petitjean, H	Quantification of the frequency of spontaneous synaptic currents in the dorsal horn of the spinal cord using non stationary analyses.	Tuesday, May 27 2014
3-C-95	Petrin, D	Alteration of Spreading Depolarization During Infarct Maturation	Wednesday, May 28 2014
1-C-95	Petryszyn, S	Calretinin striatal interneurons: characterization and distribution in a murine model of Parkinson's disease	Monday, May 26 2014
2-F-169	Pezarro Schimmel, L	Haloperidol-Environment Interaction Mediates Expression of c-Fos Proteins in the Ventral Pallidum of Rats	Tuesday, May 27 2014
2-D-112	Pham, A	Involvement of foot afferents in corrective postural reactions	Tuesday, May 27 2014
3-F-167	Phillmore, L	Effects of parent removal on parents and offspring in a typically biparental songbird, <i>Taeniopygia guttata</i>	Wednesday, May 28 2014
1-F-168	Pierre, A	Analysis of the sleep - wake cycle in EphA4 knockout mice	Monday, May 26 2014
3-C-82	Pilkiw, M	Reduction of 2-4 Hz coherence between the hippocampus and prefrontal cortex following chronic prefrontal cortex stimulation	Wednesday, May 28 2014
2-F-170	Piraino, A	Sex Differences In Myelination Of The Song Control System	Tuesday, May 27 2014
3-F-168	Pokinko, M	Mesocortical dopamine depletion reverses blunted responses to amphetamine in dcc haploinsufficient mice	Wednesday, May 28 2014
1-G-183	Pollak Dorocic, I	Whole-brain mapping of direct inputs to serotonergic neurons of the dorsal and median raphe nucleus	Monday, May 26 2014
3-B-50	Prager-Khoutorsky, M	Unique interweaved microtubule scaffold mediates osmosensory transduction via physical interaction with TRPV1	Wednesday, May 28 2014
1-B-51	Pressey, J	The role of KCC2 interacting partners in maintaining stability and function at the membrane	Monday, May 26 2014
2-B-52	Pribiag, H	Homeostatic synaptic plasticity at GABAergic synapses requires dystroglycan	Tuesday, May 27 2014
2-D-131	Quessy, S	Interhemispheric modulation of primary motor cortex outputs by the ventral premotor cortex in Capuchin monkeys (<i>Cebus apella</i>)	Tuesday, May 27 2014
2-A-15	Rahimi Balaei, M	Defining a novel subset of mesencephalic derived cerebellar nuclei neurons	Tuesday, May 27 2014
2-G-184	Rahimi, F	Kinematic Assessment Effectively Guide Botulinum Neurotoxin Type A Injections for Essential Tremor Treatment	Tuesday, May 27 2014

2-C-97	Rainer, Q	Regional role of D1 receptor in responses to psychostimulants in new conditional D1 dopamine receptor knockout mice	Tuesday, May 27 2014
3-A-15	Raja, R	AMIGO-1 regulates the targeting of olfactory sensory neuron axons	Wednesday, May 28 2014
1-A-15	Rastegar, N	Maternal care influences susceptibility to anxiety-type behaviours mediated by neurogenesis-dependent mechanisms.	Monday, May 26 2014
3-D-129	Rath-Wilson, K	Visual remapping is more impaired in patients with unilateral parietal lesion than in hemidecorticate patients as revealed by novel version of the double step task	Wednesday, May 28 2014
3-B-51	Ratnam, M	TRPM2 regulates the migration of microglia by mediating cell detachment	Wednesday, May 28 2014
3-E-141	Raymond, J	Central blockade of type 1 CRH receptors prior to transient forebrain ischemia attenuate delayed basal and stress-induced corticosterone secretion in male rats.	Wednesday, May 28 2014
3-C-96	Renaud, J	Effect of 6-hydroxydopamine and resveratrol on Nur77 nuclear to cytoplasmic translocation in PC12 cells	Wednesday, May 28 2014
2-I-193	Ricoult, S	Digital Nanodot Gradients with Adjustable Reference Surfaces to Explore Growth Cone Navigation on Gradients of Nanopatterned Protein Cues	Tuesday, May 27 2014
2-C-98	Robbins, M	Altered Dopamine Transporter and Caspase-3 Staining in the Prefrontal Cortex in Rats Following Neonatal Treatment With Domoic Acid	Tuesday, May 27 2014
2-B-53	Robinson, J	OPTOGENETIC ACTIVATION OF GLUTAMATERGIC NEURONS IN THE MEDIAL SEPTUM DRIVE ACTIVITY WITHIN THE SEPTUM AND ACROSS THE HIPPOCAMPAL NETWORK.	Tuesday, May 27 2014
1-F-169	Rocchetti, J	Hyperdopaminergia induced by DAT blockade alters synaptic plasticity, learning and memory in the temporal hippocampus.	Monday, May 26 2014
2-F-171	Roddick, K	Set, reversal, and long-term olfactory learning in the 3xTG-AD mouse model of Alzheimer's disease.	Tuesday, May 27 2014
3-F-169	Roehrich-Gascon, D	Structural correlates of language abilities: surface-based region-of interest morphometry study	Wednesday, May 28 2014
3-C-97	Rosa, E	TAU-INDUCED DOWN-REGULATION OF BDNF IN TRANSGENIC MOUSE MODELS OF TAUOPATHY	Wednesday, May 28 2014
1-F-170	Rosborough, K	The Role of Cholinergic Tone in Depression	Monday, May 26 2014
1-E-142	Rosenbaum, S	Infusions of ghrelin into the medial preoptic area inhibits appetitive sexual behaviour and shortens copulatory behaviours in the male rat	Monday, May 26 2014
3-B-52	Rosenegger, D	Astrocytes provide steady-state, activity independent control of cerebral blood vessel diameter	Wednesday, May 28 2014
3-C-107	Roth, R	Role of angiogenesis in the development of hippocampal atrophy in the pilocarpine rat model of temporal lobe epilepsy	Wednesday, May 28 2014
2-B-54	Rozanski, G	Low voltage-activated calcium channels gate transmitter release at the dorsal root ganglion Sandwich Synapse	Tuesday, May 27 2014
1-C-97	Rudchenko, A	Synaptic Transmission is Depressed in Sympathetic but not Parasympathetic Ganglia of Diabetic Mice due to Different Susceptibility to Oxidative Stress	Monday, May 26 2014

3-B-53	Rungta, R	The cellular mechanisms of neuronal swelling underlying cytotoxic brain edema	Wednesday, May 28 2014
2-A-16	Ryan, R	Medial preoptic morphology in the lactating rat and the effects of pCREB	Tuesday, May 27 2014
2-C-99	Ryan, T	Transcriptional Deficits in an Isogenic Stem Cell Model of Parkinson's	Tuesday, May 27 2014
3-C-98	Sabir, M	Effect of mild traumatic brain injury on sleep structure and sleep molecular markers in mice	Wednesday, May 28 2014
3-F-170	Sadeghi, N	Attentional oscillation as a clocking mechanism for timing rhythm intervals	Wednesday, May 28 2014
1-D-130	Sadeghi, S	Properties of synaptic inputs from hair cells and efferents onto the vestibular afferent calyx terminals	Monday, May 26 2014
1-H-189	Saigle, V	The impact of a landmark paper on the concept of free will: Reconsidering the legacy of the Libet EEG experiments	Monday, May 26 2014
1-F-171	Salam, S	Role of dopamine signaling in electrotactic swimming behavior of the nematode <i>Caenorhabditis elegans</i>	Monday, May 26 2014
1-C-98	Salami, P	DYNAMICS OF INTERICTAL SPIKES AND HIGH-FREQUENCY OSCILLATIONS DURING EPILEPTOGENESIS IN TEMPORAL LOBE EPILEPSY	Monday, May 26 2014
1-B-52	Samarova, E	Age-dependant plasticity of cortical GABAergic innervation lessens seizure severity in <i>Cacna1a</i> mutants.	Monday, May 26 2014
2-C-105	Sánchez, M	Differential changes in microglial ultrastructure in the APPswe-PS1 mouse model of amyloid- β deposition	Tuesday, May 27 2014
2-G-186	Saneei, Z	Optimization of SYBR Green real time quantitative PCR for single neurons	Tuesday, May 27 2014
3-A-16	Sanz, R	Proteolytic cleavage of IgLON adhesion proteins by MMPs promotes neurite outgrowth	Wednesday, May 28 2014
3-G-185	Saucier, M A	A Computer model of neuron swelling and shrinkage under synaptic activity. How much can we expect from holographic microscopy?	Wednesday, May 28 2014
2-B-55	Scanlon, D	Identifying the interacting regions between GluN1 & ND2 in the Src-NMDAR pathway.	Tuesday, May 27 2014
2-B-42	Schlichter, L	hERG and hEAG1 K ⁺ channels are regulated by Src kinase and by SHP-1 tyrosine phosphatase via an active ITIM region in the cyclic nucleotide binding domain	Tuesday, May 27 2014
3-C-99	Schmouth, J	Generation of a novel mouse model of the neuronal isoform Kif1a/25b to study hereditary sensory & autonomic neuropathy type II	Wednesday, May 28 2014
2-D-132	Schneider, A	Statistics of natural vestibular stimuli in primates: Implications for nonlinear coding.	Tuesday, May 27 2014
1-C-99	Schreij, A	The Parkinson disease gene LRRK2 works in concert with clathrin-light chains to limit activation of Rac1	Monday, May 26 2014
3-D-130	Scullion, K	The effects of fatty acid amide hydrolase (FAAH) and monoacylglycerol lipase (MAGL) inhibition on motor map expression in rats	Wednesday, May 28 2014

3-B-54	Sekulic, V	Non-uniform dendritic distributions of Ih channels in experimentally-derived multi-compartment models of oriens-lacunosum/moleculare hippocampal interneurons	Wednesday, May 28 2014
1-B-54	Senatore, A	The T-type calcium channel from basal eumetazoan Trichoplax adhaerens highlights the evolutionary history and fundamental features of the Cav3 channel family	Monday, May 26 2014
1-A-16	Senthinathan, G	Precipitated cannabinoid withdrawal in the rat brain: Mapping c-fos gene expression in adolescent and adult rats.	Monday, May 26 2014
2-A-17	Shahrokh, D	Brain-derived neurotrophic factor (BDNF) in the nucleus accumbens mediates individual differences in behavioral responses to a natural, social reward	Tuesday, May 27 2014
2-B-56	Shiri, Z	Neurosteroid modulation of synchronous activity in the piriform and entorhinal cortices of pilocarpine-treated and non-epileptic control rats	Tuesday, May 27 2014
2-F-173	shrivastava, s	DORSO LATERAL CORTICOID AREA AND ITS NEURONAL CLASSES: POSSIBLE ROLE IN VOCAL LEARNING AND COGNITION IN INDIAN RING NECK PARROT (Psittacula krameri)	Tuesday, May 27 2014
3-E-136	Shuo, H	Na ⁺ channel expression in rat subfornical organ is regulated by fasting and AMP kinase	Wednesday, May 28 2014
3-B-55	Sild, M	Radial glia filopodial motility is required for the normal development of excitatory synapses in the optic tectum of <i>Xenopus laevis</i>	Wednesday, May 28 2014
1-C-69	Singh Bhullar, K	Evaluation of wild partridgeberry polyphenols as potential natural health product to reduce the risk of Alzheimer's disease	Monday, May 26 2014
2-B-57	Soltani, S	Seizure patterns induced by cortical deafferentation in adult mice	Tuesday, May 27 2014
2-C-101	Soncin, S	Effects of Task-Irrelevant Emotional Face Processing on Bipolar Disorder and Attention-Deficit Hyperactivity Disorder Patients on an Antisaccade Task	Tuesday, May 27 2014
3-B-56	Soutar, C	Role of Early Acoustic Experience in Development of the Rat Primary Auditory Cortex	Wednesday, May 28 2014
1-B-56	Sparks, D	Cholinergic effects on temporal summation of theta and gamma-frequency synaptic inputs in the parasubiculo-entorhinal pathway	Monday, May 26 2014
2-B-58	Spong, K	Spreading depression in the brain of <i>Drosophila melanogaster</i>	Tuesday, May 27 2014
1-D-131	Sproule, M	Investigating the transformation from a dense to a sparse neural code	Monday, May 26 2014
3-F-171	Srivastava, S	Von Economo neurons may be responsible for vocal acquisition and language	Wednesday, May 28 2014
3-B-57	Standage, D	Calcium-dependent calcium decay explains STDP in a dynamic model of hippocampal synapses	Wednesday, May 28 2014
3-C-100	Stare, J	The Effects of Sepsis on the Neurons of the Osmoregulatory Pathway	Wednesday, May 28 2014
1-C-107	Stephens, L	Impact of Bronchopulmonary Dysplasia on Brain Development	Monday, May 26 2014
1-F-172	Stere, A	Sex differences in olfactory discrimination learning in mice	Monday, May 26 2014

2-F-174	Stiver, M	Muscarinic cholinergic receptor activation destabilizes object memories, possibly via proteasome-mediated protein degradation	Tuesday, May 27 2014
1-C-100	Stover, K	Characterization of cognitive function in the 3xTg-AD mouse model of Alzheimer's disease at 6 months of age	Monday, May 26 2014
1-D-115	Stover, K	Optogenetic modulation of GABAergic activity in mouse primary visual cortex affects contrast adaptation	Monday, May 26 2014
1-B-57	Sturgeon, R	Fine-tuning of cation channel function by TRP channel modulators in Aplysia bag cell neurons	Monday, May 26 2014
2-C-102	Sugumar, S	The Neuroprotective Role of Gap Junctions in Brain Glucose Deprivation	Tuesday, May 27 2014
2-B-59	Sun, J	Structural Insight into the Uncoupled Conformation of the Nicotinic Acetylcholine Receptor	Tuesday, May 27 2014
3-F-172	Takehara-Nishiuchi, K	Awake reactivation of association-related neuronal ensemble patterns in rat medial prefrontal cortex	Wednesday, May 28 2014
3-B-58	Takkala, P	Using dynamic clamp to quantify changes in somatosensory afferent excitability associated with neuropathic pain	Wednesday, May 28 2014
1-C-101	Tang, M	Deciphering the mechanisms of action of parkin during mitophagy using a structure-based FRET-reporter system	Monday, May 26 2014
2-C-103	Tanninen, S	The overexpression of mutated tau in the entorhinal cortex: its effects on local neurons, cortical theta oscillations, and memory	Tuesday, May 27 2014
2-I-195	Tardif, C	A novel Fluorescence Lifetime Nanoscopy approach to resolve protein interactions inside dendritic spines.	Tuesday, May 27 2014
3-C-102	Tauffmanberger, A	Glucose influences aging, proteotoxicity and stress response in C. elegans	Wednesday, May 28 2014
1-C-102	Tennant, K	Longitudinal imaging of thalamocortical projections after stroke	Monday, May 26 2014
1-B-58	Thambirajah, A	Hippocampal development and neural excitation modulate H2A histone variant epigenetic responses	Monday, May 26 2014
2-C-104	Therrien, M	Deletion of C9ORF72 results in motor neuron degeneration and stress sensitivity in C. elegans	Tuesday, May 27 2014
2-B-60	Thompson-Steckel, G	Selective post-synaptic deletion of DCC from CA1 pyramidal neurons alters dendritic spine morphology and impairs spatial memory in aging mice	Tuesday, May 27 2014
3-C-103	Tibshirani, M	Changes in the histone code - a loss of function mechanism resulting from cytoplasmic redistribution and aggregation of FUS	Wednesday, May 28 2014
2-D-133	Tong, M	TrkB receptor activity in the olfactory bulb is needed for long-term memory of odour-reward learning	Tuesday, May 27 2014
1-C-103	Torres-Platas, S	INCREASED MICROGLIAL PRIMING AND PERIVASCULAR MACROPHAGE DENSITY IN THE DORSAL ANTERIOR CINGULATE WHITE MATTER OF DEPRESSED SUICIDES	Monday, May 26 2014
3-C-104	Tremblay, E	Motor unit specific synaptic changes at the neuromuscular junction in an ALS mouse model	Wednesday, May 28 2014

2-F-175	Tremblay, S	Decoding the focus of visual attention from prefrontal ensemble activity	Tuesday, May 27 2014
3-F-173	Tremblay, S	UNILATERAL CEREBELLAR HAEMORRHAGE COMBINED WITH EARLY SYSTEMIC INFLAMMATION ALTERS NEONATAL MOUSE SENSORIMOTOR REFLEX DEVELOPMENT	Wednesday, May 28 2014
3-D-131	Trewartha, K	Modelling Altered Adaptive Processes for Motor Learning in Aging	Wednesday, May 28 2014
2-B-61	Tripathy, S	Predicting brain-wide electrophysiological diversity of mammalian neurons from genome-wide expression atlases	Tuesday, May 27 2014
3-B-60	Tse, A	The adrenocorticotrophin (ACTH) secretagogue, arginine vasopressin (AVP) reduces the background TREK-1 current in mouse pituitary corticotropes	Wednesday, May 28 2014
1-B-60	Tse, F	Fructose feeding increases catecholamine release from rat adrenal chromaffin cells	Monday, May 26 2014
1-H-188	Tselichtchev, P	Extending the neuroscience classroom: Approaches to enhance student learning and specific learning outcomes	Monday, May 26 2014
3-A-17	Unda, B	Investigating the role of Disrupted in Schizophrenia 1 (DISC1) in cortical inhibitory interneuron development	Wednesday, May 28 2014
1-C-104	Vaillancourt, K	DNA Methylation in the Striatum of Dependent Cocaine Abusers	Monday, May 26 2014
2-F-156	Valyear, M	Quinine adulteration allows for an access-induced consumption difference to emerge with higher sucrose concentrations	Tuesday, May 27 2014
1-F-174	van den Brink, C	The hormone replacement therapy Premarin differentially affects spatial memory and hippocampal plasticity dependent on reproductive experience in middle age female rats.	Monday, May 26 2014
2-B-62	Van Horn, M	The importance of D-serine in circuit refinement in the developing visual system of the Xenopus tadpole	Tuesday, May 27 2014
3-B-48	Ventura-Silva, A	Neurotensin And Anxiety In The Oval Bed Nucleus Of The Stria Terminalis	Wednesday, May 28 2014
2-C-106	Vérièpe, J	The role of the innate immune system in neuronal toxicity in C. elegans models of ALS	Tuesday, May 27 2014
3-C-105	Voisin, A	Vesicular glutamate transporter 3 expression in Raphe serotonin neurons: evidence for transmitter phenotype segregation and for a role in serotonin neurons survival	Wednesday, May 28 2014
2-G-187	Vousden, D	Whole-brain mapping of neural activation in mice	Tuesday, May 27 2014
1-D-132	Wang, C	Modulation of stimulus saliency on human pupil orienting response	Monday, May 26 2014
1-A-17	Wang, J	Atypical PKC-CBP Pathway Regulates Murine Adult Neurogenesis	Monday, May 26 2014
3-B-23	Wang, L	Increasing extracellular potassium excites and then depresses cortical seizure activity in vitro and in vivo	Wednesday, May 28 2014
2-C-107	Wang, Y	Overexpression of the insulin-like growth factor-II receptor increases β -amyloid production in fibroblast	Tuesday, May 27 2014

2-F-176	Wasserman, D	Muscarinic Control of Rostromedial Tegmental Nucleus GABA Neurons and Morphine-induced Locomotion	Tuesday, May 27 2014
3-G-186	Weber-Adrian, D	Gene Delivery to the Spinal Cord using MRI-guided Focused Ultrasound	Wednesday, May 28 2014
3-B-61	Weilinger, N	Non-canonical signaling of NMDARs to pannexin-1 in ischemia	Wednesday, May 28 2014
1-C-106	Weishaupt, N	The quest for early reversible changes in Alzheimer's disease: mass spectrometric imaging of gangliosides in a novel transgenic rat model of prodromal AD	Monday, May 26 2014
1-B-61	Whissell, P	δ GABAA receptors facilitate long-term potentiation in the CA3 subfield of the hippocampus	Monday, May 26 2014
2-D-134	Whitwell, R	DF's Visual Brain in Action: The Role of Tactile and Visual Feedback	Tuesday, May 27 2014
2-A-18	Wilkin, M	Exposure to water immersion stress in mid-adolescence increases risk-taking behaviour and sensitivity to amphetamine in adult rats.	Tuesday, May 27 2014
2-C-108	Wilson, A	Inhibitor of Apoptosis Stimulating Protein of p53 (iASPP) is required for retinal ganglion cell survival after axonal injury	Tuesday, May 27 2014
3-D-132	Wilson, N	STEREOLOGICAL ANALYSIS OF SPINAL CORD NEURONS INVOLVED IN PRIMATE FORELIMB MOTOR CONTROL	Wednesday, May 28 2014
2-E-144	Woelfle, R	Modulation of corticotropin-releasing factor (CRF)-mediated stress and anxiety-related behaviours by teneurin C-terminal associated peptide (TCAP)-1	Tuesday, May 27 2014
3-A-18	Wright, L	Repeated predator odour stress across the adolescent period alters γ 2 GABAA receptor subunit levels in hippocampus of male and female rats	Wednesday, May 28 2014
1-C-105	Xiang Wang, L	BETACELLULIN REGULATES THE FORMATION OF MYELIN INCISURES AND CONDUCTION OF NERVE IMPULSES IN THE REGENERATING PERIPHERAL NERVE	Monday, May 26 2014
2-C-109	Xiao, C	5HT receptor neurons differentially modulate locomotor recovery from anoxia in Drosophila	Tuesday, May 27 2014
2-F-177	Xu, K	Sensitization of the Activity-Decreasing Effects of Haloperidol in Rats: Preliminary Results	Tuesday, May 27 2014
2-I-194	Xu, L	Quantification of Cellular Mechanotransduction Force with Micropillar Array Detectors	Tuesday, May 27 2014
3-G-178	Yalnizyan-Carson, A	A Dynamic Model of the Potassium Chloride Co-transporter KCC2 in Regulating Efficacy of Inhibitory Neurotransmission	Wednesday, May 28 2014
1-A-18	Yang, K	Functional connectivity changes induced by monocular deprivation during the critical period	Monday, May 26 2014
3-C-108	Yang, M	A new animal model of spontaneous autoimmune peripheral polyneuropathy: implications for Guillain-Barré syndrome	Wednesday, May 28 2014
1-C-108	Yeung, M	The effects of intra-hippocampal histamine on dorsal and ventral hippocampal theta rhythm	Monday, May 26 2014
1-A-14	Yip, A	Development of melanin-concentrating hormone neurons in the chicken hypothalamus	Monday, May 26 2014

3-F-175	Yiu, A	Neurons are recruited to a memory trace based on relative neuronal excitability at the time of training	Wednesday, May 28 2014
1-F-176	Yoon, S	Infusions of Neuropeptide Y into the ventral hippocampus decrease rats' defensive behaviour in the shock-probe burying test of anxiety	Monday, May 26 2014
2-A-19	Young, K	Nemo kinase modulates bmp signaling in synaptic growth	Tuesday, May 27 2014
2-B-63	Yu, J	δ GABAA receptors: A novel target for gabapentin actions	Tuesday, May 27 2014
1-F-173	Yu, X	Trace eyeblink conditioning depends on neural activity, but not NMDA or muscarinic acetylcholine receptors, in the lateral entorhinal cortex	Monday, May 26 2014
3-E-142	Zaelzer, C	Conservation of dN-TRPV1osmosensitive channel in osmoregulating animals.	Wednesday, May 28 2014
2-C-110	Zarruk, J G	Role of ceruloplasmin on iron accumulation after permanent experimental brain ischemia.	Tuesday, May 27 2014
2-F-178	Zhang, J	The Nature of Forgetting: Storage or Retrieval Impairment in Experimental Amnesia	Tuesday, May 27 2014
3-B-62	Zhang, W	Regulation of NMDA receptors by tyrosine-protein kinase Fyn in human induced pluripotent stem cell-derived neurons	Wednesday, May 28 2014
1-H-190	Zizzo, N	""Everyday ethics"" in neurodegenerative conditions: Examining salient challenges in Parkinson's disease research and health care	Monday, May 26 2014
3-F-176	Zlatkina, V	Morphology and patterns of the anterior intermediate parietal sulcus of Jensen in the human brain	Wednesday, May 28 2014
1-B-62	Zurek, A	General anesthetics cause memory deficits after drug elimination by increasing a tonic inhibitory current in the hippocampus	Monday, May 26 2014
1-G-184	Zwaenepoel, D	Lipid nanoparticle delivery of RNA for loss- and gain-of-function studies in neurons in vitro and in vivo.	Monday, May 26 2014