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115882	Great, I found it: Evidence for the association of reward with spatial information following navigation with the use of EEG	Thomas Ferguson; Chad Williams; Ron Skelton; Olav Krigolson

115883	Lack of novel current in NALCN-transfected HEK-293 cells	Mark Fry; Colleen Peterson; Jennifer Egan
115884	Characterization of hiPSC derived striatal neurons to study Huntington disease pathology.	SAKTHIKUMAR MATHIVANAN; SERGEY AKIMOV; CHRISTOPHER A ROSS; LYNN A RAYMOND
115886	Assessing Cardiac Dysfunction Post-Stroke in the Insular Cortex Ischemic Stroke Rat Model	Victoria Jaremek; Brittany Balint; Victoria Thorburn; Maryse Paquet; Jamie Melling; Luciano Sposato; Shawn Whitehead
115887	Automated, high-throughput assessment of functional connectivity in mouse homecage following stroke	Matilde Balbi; Matthieu Vanni; Jamie Boyd; Federico Bolanos; Jeffrey LeDue; Timothy Murphy
115888	Relationship between Response Network and Default Mode Network Predicts Reaction Time in the Stroop Task Paradigm	Jessica Luk; Todd Woodward
115889	CHIMERA repetitive mild traumatic brain injury induces long-term pathological and PTSD-like changes in APP/PS1 mice	Wai Hang Cheng; Kris Martens; Sophie Stukas; Emily Button; Anna Wilkinson; Asma Bashir; Carlos Barron; Peter Cripton; Cheryl Wellington
115890	The role of endogenous cellular prion protein in brain synaptic function	Aeen Ebrahim Amini; John Georgiou; Changiz Taghibiglou; Graham Collingridge
115891	Pannexin 1: a novel regulator of dendritic spine development in the postnatal cerebral cortex	Juan Sanchez-Arias; Olga Shevtsova; Mei Liu; Maria Weaver; Leigh Anne Swayne
115892	Suppressing interferons reinvigorates microglial repair of microbleeds in the diabetic brain	Stephanie Taylor; Eslam Mehina; Emily White; Kristian Doyle; Patrick Reeson
115893	Axonal tiling in D-type motor neurons	Ardalan Hendi; Kota Mizumoto
115894	The impact of methylenetetrahydrofolate reductase (MTHFR) deficiency in a paraquat mouse model of Parkinson's disease	Lauren Murray; Nafisa Jadavji; Chris Rudyk; Shawn Hayley; Patrice Smith
115895	The Role of Gut Bacteria in Obesity Predisposition in Preterms	Elisha Phull; Diana Bedoya
115896	A Comparison of Neural Circuitry in Older Persons with Late-Life Depression, Mild Cognitive Impairment, Alzheimer's Dementia, or Normal Cognition	Neda Rashidi-Ranjbar; Benoit Mulsant; Nathan Herrmann; Linda Mah; Alastair Flint; Corrine Fischer; Bruce Pollock; Sanjeev Kumar; Tarek Rajji; Aristotle Voineskos; on behalf of the PACT-MD Study Group
115897	Metabolic triggers of slow wave brain states	Axita Shienh; Claire Scavuzzo; Clayton Dickson
115898	Selective melatonin MT2 receptor ligands relieve neuropathic pain through modulation of brainstem descending antinociceptive pathways and opioid interactions	Luca Posa; Martha Lopez-Canul; Stefano Comai; Serena Boccella; Sabatino Maione; Vinicio Granados-Soto; Gabriella Gobbi
115899	Isolation of plasma high-density lipoproteins by differing methods reveals multiple distinct protective effects on brain endothelial cells against amyloid beta	Emily Button; Jerome Robert; Megan Gilmour; Harleen Cheema; Cheryl Wellington
115900	The role of Clusterin and its putative Plexina4 receptor in the developing zebrafish brain	Zachary Nurcombe; Carrie Hehr; Sarah McFarlane
115901	SLC6A3 Polymorphism Affects Ability to Encode, but not Recall, Abstract Images in Medicated Parkinson's Disease	Brian Robertson; Abdullah Al Jaja; Ken Seergobin; Nole Hiebert; Adrian Owen; Penny MacDonald

115902	Cognitive, emotional, and postural adaptations to repeated postural threat exposure	Kyle Johnson; Martin Zaback; Craig Tokuno; Mark Carpenter; Allan Adkin
115903	mab-9, a T-box transcription factor, is required for synaptic tiling in <i>C. elegans</i>	Jane Wang; Kota Mizumoto
115904	Murine overexpression of the LRRK2 G2019S mutation is implicated in stress response and neuroplastic effects following sub-chronic paraquat treatment	Zachary Dwyer; Christopher Rudyk; Ashley Thompson; Shawn Hayley
115905	The influence of lactate dehydrogenase on long-term memory in <i>Drosophila melanogaster</i>	Ariel Frame; Anne Simon; Robert Cumming
115906	Multiple Actions of Rotenone, an Inhibitor of Mitochondrial Respiratory Chain, on Ionic Currents and Miniature End-Plate Potential in Mouse Hippocampal (mHippoE-14) Neurons	Te-Yu Hung; Sheng-Nan Wu; Chin-Wei Huang
115907	TNIK/mig-15 is a negative regulator of synapse formation in <i>C. elegans</i> .	Ethan Fortes; Kota Mizumoto
115908	Mechanism of pannexin channel activation in Alzheimer's disease	Chetan Patil; Natalie Lavine; Michael Jackson
115909	Molecular mechanisms underlying Pannexin 1 trafficking in neural cells	Anna Epp; Leigh Wicki-Stordeur; Andrew Boyce; Leigh Anne Swayne
115910	Wnt Signaling in Asymmetrical Neurite Pruning in <i>C. elegans</i>	Menghao Lu; Kota Mizumoto
115911	Developing novel mouse lines to investigate the roles of TAN-secreted ACh and Glu	Ornela Kljacic; Helena Janickova; Mohammed Al Onaizi; Salah Mestikawy; Marco Prado; Vania Prado
115912	Examining possible sex differences in maturation rate of new neurons in adult rats	Daria Tai; Shunya Yagi; Liisa A. Galea
115913	Role of MMP-9 in schizophrenia-like behaviors in rodents	behnam vafadari; Leszek Kaczmarek
115915	The influence of visual stimulation and systemic metabolite availability on extracellular fluctuations of glucose and lactate in the mouse visual cortex	Alexandria Beland; Claude Messier
115916	Motor learning and execution: Involvement of Akt3-GSK-3 pathway	Bruno Ouimet; Michel Cyr
115917	HIGH-THROUGHPUT TOUCHSCREEN TASKS AND OPEN ACCESS DATABASE INTEGRATION TO ACCELERATE DRUG DISCOVERY FOR NEURODEGENERATIVE DISORDERS	Flavio Beraldo; Daniel Palmer; David Wasserman; Benjamin Kolisnyk; Samantha Creighton; Justin Mels; Wai-Jane Lee; Matthew Cowan; Chris Fodor; Tom Gee; Robert Bartha; Stephen Strother; Tim Bussey; Lisa Saksida; Vania Prado; Boyer Winters; Marco Prado
115918	Effect of unilateral Endothelin-1 injections into the medial prefrontal cortex and/or nucleus accumbens on depressive- and anxiety-like behaviour in the rat	Denise Happ; R. Andrew Tasker; Gregers Wegener
115920	Perinatal Exposure to a Contaminant Mixture: Effects on Estrogen Receptor Expression in the Ventral Tegmental Area	Sandra Konji; Hannah Landry; Dana Tabet; Anne TM Konkle
115921	Novel role of cGMP signaling in hippocampal synaptic plasticity and mouse cognitive function	Jelena Borovac; Thomas Luyben; Keizo Takao; Kenichi Okamoto

115922	Robotic Quantification of Systematic Age-Related Developments in Bimanual Coordination	Stephan Dobri; Stephen Scott; T. Claire Davies
115923	The Influence of Postural Threat Type and Direction on Anticipatory Postural Control	Alyssa Bax; Kyle Johnson; Alexander Watson; Allan Adkin; Mark Carpenter; Craig Tokuno
115925	The influence of optogenetic rebound effects on visual after-responses in mouse primary visual cortex	Jared Shapiro; Jillian King; Nathan Crowder
115926	Motor deterioration and Purkinje cell firing alterations in aging mice	Eviatar Fields; Sriram Jayabal; Alanna Watt
115927	Metabolically slowing down the brain during sleep	Claire Scavuzzo; Axita Shienh; Clayton Dickson
115928	Aerobic glycolysis is required for spatial memory consolidation but not memory retrieval in mice	Richard Harris; Asad Lone; Heeseung Lim; Timothy Scholl; Robert Cumming
115929	The cellular and molecular mechanisms underlying the role of LIMK1 in synaptic plasticity	Youssif Ben Zablah
115930	Stress-induced Activation of Discrete Projection Neuron Populations in the Basolateral Amygdala	Robert Aukema; Andrei Nastase; Matthew Hill
115931	Assessing cognitive and motor behaviours within the mouse home-cage: applications for the study of genetic models of disease	Cameron Woodard; Jamie Boyd; Timothy Murphy; Lynn Raymond
115932	Formaldehyde Induces Diabetes-related Cognitive Dysfunction	Yun Zhang; Tan Tao; Wenhong Luo; Jihui Lv; Chanshuai Han; Jason N.R. Hamlin; Hongjun Luo; Hui Li; You Wan; Yang Xu; Zhiqian Tong; Weihong Song
115933	Glutamatergic modulation of dopamine activity in the nucleus accumbens can enhance or inhibit motivation as a function of recent failure or success	David Lindenbach; Anthony Phillips; Jeremy Seamans
115934	The role of microbiota in major depressive disorder: a pilot study in gnotobiotic mice.	Marc Louis-Auguste; Giada De Palma; Jun Lu; Elena Verdu; Rebecca Anglin; Mike Surette; Steve Collins; Premysl Bercik
115935	Presynaptic development precedes dendritic input in <i>C. elegans</i> inhibitory motor neurons: different assembly sequences and a strategy to minimize disruption to circuit output	Ben Mulcahy; James Mitchell; Daniel Witvliet; WanXian Koh; Maggie Chang; Peter Bermant; Doug Holmyard; Richard Schalek; Jeff Lichtman; Andrew Chisholm; Aravinthan Samuel; Mei Zhen
115936	MISMATCH NEGATIVITY-INDEXED AUDITORY CHANGE DETECTION OF SPEECH SOUNDS IN EARLY AND CHRONIC SCHIZOPHRENIA	Derek Fisher; Erica Rudolph; Emma Ells; Verner Knott; Alain Labelle; Philip Tibbo
115937	Medulloblastoma secreted ligands disrupt normal neural stem cell function	Freda Miller; David Kaplan
115938	Contribution of Pannexin-1 activation to amyloid- β induced synaptic dysfunction	Albert Yeung; Yufeng Xie; Natalie Lavine; Michael Jackson
115939	Independent effects of age and levodopa on reversal learning in healthy volunteers	Andrew Vo; Ken Seergobin; Penny MacDonald
115940	ALTERATIONS OF MISMATCH NEGATIVITY (MMN) IN SCHIZOPHRENIA PATIENTS DIFFERING ON PERCEIVED SPATIAL LOCATION OF AUDITORY HALLUCINATIONS	Derek Fisher; Dylan Smith; Alain Labelle; Verner Knott

115941	Investigating an Alpha-Synuclein Binding Aptamer as a Potential Treatment Avenue to Prevent Protein Fibril Formation in Parkinson's Disease	Katelyn Ventura; Erin McConnell; Joshua Callahan; Vernon Hunt; Anna Koudrina; Maria DeRosa; Matthew Holahan
115942	Differential expression pattern of the endocannabinoid system in the monkey primary visual cortex	Ryan Kucera; Joseph Bouskila; Michel Toutoungy; Karys Peterson; Roberta Palmour; Jean-François Bouchard; Maurice Ptito
115943	Effect of Low Field Magnetic Stimulation on Restoring Neuronal and Glial Function Against 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine Induced Parkinson's Disease Mouse Model	Sathiya Sekar; Yanbo Zhang; Changiz Taghibiglou
115944	Dynamic behavioral and molecular changes induced by chronic stress exposure in mice: importance of astroglia integrity	Thomas PREVOT; Keith Misquitta; Corey Fee; Dwight Newton; Hyunjung Oh; Etienne Sibille; Mounira Banasr
115945	Adaptation and retention of standing balance changes following prolonged exposure to height-related threat	Martin Zaback; Minh Luu; Allan Adkin; Mark Carpenter
115947	Adult Neurogenesis Regulates the Activity of Neurons Born in Early Postnatal Development	Shaina Cahill; Angela Martinovic; John Darby Cole; Jason Snyder
115948	Loss of Activating Transcription Factor 3 function diminishes the intrinsic regenerative response of peripheral nerves	Seth Holland; Ana Maria Oproescu; Matt Ramer
115949	Inflammation in the gut of a new progressive model of Parkinson's disease	Joyce Sze Tung Lam; Geoffrey Ching; Daniel Kim; Jupjeet Sandhu; John O'Kusky; Doris Doudet
115950	Effects of Magnocellular Selective Inhibition on Dorsal Stream Vision-For-Action Tasks.	Megan McFadyen; Jenni Karl
115951	Altered coordination among functional networks underlying semantic association in schizophrenia	Meighen Roes; Todd Woodward
115952	Microglial GPR120 plays an essential role in the prevention of inflammation	Geneviève Demers; Jérôme Roy; Diane Bairamian; Khalil Bouyakdan; Nathalie Arbour; Cyril Laurent; Vincent Poitout; Guillaume Ferreira; Stephanie Fulton; Thierry Alquier
115953	A novel platform for quantifying social interactions: mesoscopic dual brain imaging of GCaMP mice	Federico Bolanos; Luis Bolanos; Jeffrey Ledue; Matilde Balbi; Matthieu Vanni; Dongsheng Xiao; Allen Chan; Timothy Murphy
115955	An acute session of continuous theta burst stimulation (ctBS) decreases dopamine release in non-human primate striatum	Lucero Aceves Serrano; Jason Neva; Katelyn Brown; Lara Boyd; Doris Doudet
115956	Single neuron defined cortico-subcortical mesoscale networks are associated with specific motor actions in awake chronic mice.	Dongsheng Xiao; Jeffrey LeDue; Matthieu Vanni; Timothy Murphy
115957	Development of an Insular Ischemic Stroke Animal Model to Study the Pathophysiology of Atrial Fibrillation Detected after Stroke (AFDAS)	Victoria Thorburn; Brittany Balint; Maryse Paquet; Luciano Sposato; Shawn Whitehead
115958	MicroRNA-RNA interactions within a pain-centered EAE mouse model: an unbiased predictive computational approach utilizing Next Generation Sequencing	Timo Friedman; Muhammad Saad Yousuf; Ana Cantuneanu; Bradley Kerr
115959	ADULT-BORN NEURONS MODULATE ACTIVITY IN DEVELOPMENTALLY-BORN NEURONS IN THE RODENT DENTATE GYRUS	Alyssa Ash; Jack Clemans-Gibbon; Timothy O'Leary; Erin Chahley; Desiree Seib; Jason Snyder

115960	Focused ultrasound (FUS) enhancement of intranasal delivery of GDNF DNA nanoparticles to the rat brain	Amirah Aly; Tao Sun; Yongzhi Zhang; Ozge Sesenoglu-Laird; Linas Padegimas; Mark Cooper; Nathan McDannold; Barbara Waszczak
115961	The brain as a mirror for understanding actions	Kendra Underhill; Christine Tipper
115962	Internal states of low self-efficacy can induce learned placebo effects on thermal sensation in youth	Ella Weik; Christine Tipper; Regula Neuenschwander; Karin Jensen; Tim Oberlander
115963	Role of Palmitoylation of huntingtin (HTT) on the HTT post-translational modification (PTM) network in Huntington disease	Fanny Lemarie; Shaun Sanders; Dale Martin; Michael Hayden
115964	An interaction between monoglycosylated form of PrPc and GluA2 regulates Ca ²⁺ impermeable AMPA receptor trafficking to the neuronal lipid rafts	Hajar Miranzadeh-Mahabadi; Sathiya Sekar; Graham Collingridge; Changiz Taghibiglou
115965	Using 3D cell-printing to study astrocytes morphology changes in real time	Mitra Tabatabaee; Kabilan Sakthivel; Keekyoung Kim; Frederic Menard
115966	Role of JAK2-STAT3 in Synaptic and Homeostatic Plasticity	Sun-Lim Choi; Eric Salter; Tomas Sanderson; Graham Collingridge
115967	Stress During Gestation Augments Females' Prone to Develop Alzheimer's Disease Later in Life	Zahra Jafari; Bryan E. Kolb; Majid M. Mohajerani
115968	Effects of Repeated Mild Traumatic Brain Injury on Hippocampal Synaptic Plasticity in the Juvenile Brain	Cristina Pinar; Christine Fontaine; Juan Trivino-Paredes; Brian Christie
115969	A simple protocol to use Dil for dendritic spine visualization in lightly fixed rat sections	Juan Trivino Paredes; Patrick Nahirney; Brian Christie
115970	Spontaneous Cortical Dynamics Revealed by High-Speed Voltage Imaging	Mark Reimers; Majid Mohajerani; Mike Moore; Javad Karimi; Sam Nola
115972	AGE, RATHER THAN BODY WEIGHT, IS A DETERMINANT OF COGNITIVE ABILITIES IN CERTAIN INBRED MOUSE STRAINS	Gabor Nagy; Gyorgy Levay
115974	Therapeutic exercise in a mouse model of spinocerebellar ataxia type 6	Anna Cook; Sriram Jayabal; Mohini Bhade; Alanna Watt
115975	Shape-mask similarity seems to influence successful localization of a masked target shape	Robert Whitwell; James Enns; Robert Foley
115977	Regional distribution, density, and morphology of the peripheral myeloid cells invading the murine brain during normal postnatal development	micael Carrier; Julie Savage; Frederic Geissmann; Marie-Ève Tremblay
115978	Early seizures differentially regulate excitatory synaptic Inputs to CA1 pyramidal and interneurons in the immature brain	Ting Ting Wang; Hongyu Sun
115979	Ablation of hippocampal neurogenesis and chronic inhibition of immature hippocampal neurons with DREADDs differently affect delay-based decision-making	Desiree Seib; Delane Espinueva; Oren Princz-Lebel; Erin Chahley; Stan Floresco; Jason Snyder
115980	Genetic deletion of melanin-concentrating hormone receptor 1 from GABAergic neurons in the nucleus accumbens increases ambulatory activity	Alex Hebert; Stephen Flaherty III; Nadege Briançon; Pavlos Pissios; Jeffrey Flier; Eleftheria Maratos-Flier; Melissa Chee

115981	Enhancement of DA efflux by Heantos-4, a traditional herbal treatment for opiate addiction, involves activity-dependent release modulated by antagonism at the presynaptic D2 autoreceptor	Soyon Ahn; Kitty So; Giada Vacca; Haiyan Zou; Maya Nesbit; Peter Axerio-Cilies; Tran Van Sung; Anthony Phillips
115984	WITHIN-SESSION INTERMITTENT COCAINE SELF-ADMINISTRATION PRODUCES ADDICTION-LIKE BEHAVIOURS IN RATS, EVEN WITH SHORT DAILY SESSIONS	Florence Allain; Anne-Noël Samaha
115985	Mesoscale cortical calcium imaging reveals time-dependent functional connectivity changes in a mouse model of electroconvulsive therapy	D. Blair Jovellar; Jeffrey LeDue; Fidel Vila-Rodriguez; Timothy Murphy
115987	CD8-expressing cell density is stage-specifically increased in chronic traumatic encephalopathy and comorbid Alzheimer's disease	Ian Mahar; David Kwasnik; Thor Stein; Rebecca Mathias; Jason Adams; Victor Alvarez; Jonathan Cherry; Ann McKee; Bertrand Huber
115989	Effect of dietary fructose on synaptic plasticity at AgRP neurons	Mikayla Payant; Alex Hebert; Eleftheria Maratos-Flier; Melissa Chee
115990	Inhibiting axon degeneration	Adelaida Kolaj; Konstantin Feinberg; Chen Wu; Natalie Grinshtein; Jonathan Krieger; Michael Moran; Lee Rubin; Freda Miller; David Kaplan
115991	Deletion of the GABA-A receptor's alpha1 subunit causes Juvenile Myoclonic Epilepsy (JME) and aberrant postnatal neurogenesis in mice	Sara-Ivana Calce; Louis-Charles Levros; Brianna Goldenstein; Ana Stoica; Caroline Meloche; Patrick Cossette
115992	Variability in Cognitive Trajectories: Validation Study of the Kaplan-Baycrest Neurocognitive Assessment (KBNA)	Natalia Ladyka-Wojcik; Kristoffer Romero; Larry Leach; Guy Proulx
115993	Association Between Cognitive Reserve and Cognitive Performance in People with HIV: A Systematic Review and Meta-Analysis	Navaldeep Kaur; Nandini Dendukuri; Lesley Fellows; Marie-Josée Brouillette; Nancy Mayo
115994	Effects of perinatal exposure to nicotine on neuronal and glial cell number in the cingulate cortex and paraventricular nucleus of male rat offspring	Lydia Jeong; Dana Tabet; Xavier Seyer; Alison Holloway; Anne Konkle
115995	The serine protease HtrA1 contributes to the formation of an extracellular 25-kDa apolipoprotein E fragment that stimulates neurogenesis	Sonia Sanz Muñoz; Hongyun Li; Qian Chu; Alan Saghatelian; Lezanne Ooi; Brett Garner
115996	Body movements triggered mesoscopic cortical activity in mice.	Matthieu Vanni; Dongsheng Xiao; Matilde Balbi; Jamie Boyd; Tim Murphy
115997	Extracellular cardiolipin modulates microglial phagocytosis and their cytokine secretion in a toll-like receptor (TLR) 4-dependent manner	Tyler Wenzel; Caitlin Pointer; Andis Klegeris
116001	Optogenetic Modulation of GABAergic Interneurons Affects Contrast Response Functions in Mouse Primary Visual Cortex	Jillian King; Cheryl Gill; Rachel Erskine; Jared Shapiro; Nathan Crowder
116003	Enhancing the inhibition control associated with the left prefrontal cortex by increasing connectivity in the right prefrontal cortex: a tDCS-fMRI study	Abrar Alhindi; Natalie Wright; Eun Hyung Choi; Lawrence Ryner; Andrew Goertzen; Colleen Millikin; Ji Hyun Ko
116006	Axon elaboration in the developing retinotectal system is promoted by stimulation of neighbouring inputs	Tasnia Rahman; Martin Munz; Edward Ruthazer

116009	The medial orbitofrontal cortex plays a dissociable role in ""reinstater"" vs ""non-reinstater"" rats during cue-induced reinstatement of reward-seeking behaviour	Nicole Jenni; Nicola Symonds; Stan Floresco
116012	Distinct Neural Signatures of Reward and Sensory Prediction Error in Motor Learning	Dimitrios Palidis; Joshua Cashaback; Paul Gribble
116013	The X-linked intellectual disability gene, zDHHC9, is essential for dendritic maintenance and inhibitory synapse formation	Jordan Shimell; Bhavin Shah; Stuart Cain; D. Blair Jovellar; G. Stefano Brigidi; Igor Tatarnikov; Naila Kuhlmann; Dayne Beccano-Kelly; Austen Milnerwood; Terrance P Snutch; Shernaz Bamji
116015	A Novel Neuro-Rehabilitation Cooperative Journey: Incorporating Patient Input	Bonita Davidson
116016	Are teacher ratings of self-regulation more accurate than parent ratings in children with acquired brain injuries?	Stela Musteata; Chand Taneja; Esther Direnfeld; Mauricio Garcia-Barrera
116017	Oxytocin to mitigate the effects of prenatal alcohol exposure on neurogenesis, stress reactivity, and anxiety-like behaviour in adult male and female rats	Samantha L Baglot; Cecilia Fung; Nicole Minielly; Pushpkiran Ubi; Erin Morgan; Stephanie E Lieblich; Wayne Yu; Joanne Weinberg; Liisa AM Galea
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116024	Altered sensory processing during absence seizures: a view from inside cortical and thalamic neurons.	Mark Williams; Sarah Lecas; Severine Mahon; Stéphane Charpier
116025	BRAINPHYS NEURONAL MEDIUM: A MEDIUM THAT PROMOTES THE MATURATION AND SYNAPTIC FUNCTION OF HUMAN PLURIPOTENT STEM CELL (HPSC)-DERIVED NEURONS IN LONG-TERM CULTURES	Carmen Mak; Kasandra McCormack; Sam Lloyd-Burton; Allen Eaves; Terry Thomas; Sharon Louis; Vivian Lee
116028	Sex differences in stress habituation modulate pre- and post-synaptic 5-HT1A receptor function.	Tristan Philippe; Yi Yang; Judy Chang; Alexandra Ferland; Victor Viau
116031	Impaired fatty acid metabolism mediates cognitive and metabolic symptoms in Alzheimer`s disease	Laura Hamilton; Sandra Joppe; Martin Dufresne; Anne Aumont; Pierre Chaurand; Stephanie Fulton; Karl Fernandes
116032	Amyloid β reduces pannexin-1 channel opening during ischemia through an mGluR1-mediated mechanism	Laura Palmer; Andrew Boyce; Alexander Lohman; Connor Anderson; Roger Thompson
116034	Investigating potential biomarkers of prenatal alcohol exposure using embryonic alcohol exposure in differentiating neural stem cells	Shayan Amiri; Carl Olson; Wayne Xu; James Davie; Mojgan Rastegar
116044	Continuous modulation of human spinal cord function in advance of thermal pain assessed with fMRI	Patrick Stroman; Patrick Stroman; Gabriela Ioachim
116048	Prefrontal responses to optogenetic release of endogenous acetylcholine depend on expression of alpha5 nicotinic receptors	Sridevi Venkatesan; Daniel Sparks; Evelyn Lambe
116050	Assessment of neurological and behavioural deficits following repeated mild traumatic brain injury in juvenile rats.	Katie Neale; Ryan Wortman; Brian Christie
116051	Nervous system development requires pro-survival protein Mcl-1.	Robert Flemmer; Joseph Opferman; Jacqueline Vanderluit

116055	A Comparison of 2-Dimensional and 3-Dimensional Multiple Object Tracking Training	Erika Shaw; Brian Christie
116056	Sex differences in the role of adult neurogenesis in visuo-spatial learning and memory is dependent on stress during training.	Timothy O'Leary; Delane Espinueva; Desiree Seib; Jason Snyder
116057	The role of PACAP-PAC1 pathway in migraine model induced by repeated electrical stimulation	Qing Zhang; Hangfei Wu; Zhao Dong; Weihong Song; Shengyuan Yu
116058	Mind Over Matter: Understanding the Relationship Between Memory Self-Efficacy, Cognition and Brain Health in Older Adults with Probable Mild Cognitive Impairment; A Pilot Study	Rebecca Horst; Lindsay Nagamatsu
116059	Ryanodine Receptor Type 2: a Novel Therapeutic Target for Alzheimer's Disease	Jinjing Yao; Bo Sun; Xiaoqin Zhan; Florian Hiess; Wenting Guo; Alexander W Chen; Ruiwu Wang; Henk Ter Keurs; Thomas G. Back; Michael Fill; Raymond Turner; S. R. Wayne Chen
116062	Obesity leads to impairment in neurogenesis and reduces brain size	Caroline Fernandes da Silva
116063	Proof-of-concept in a 3D culture model of glioma invasion: towards personalized therapeutics in brain cancer	Derek van Pel; Christian Naus; Wun Sin
116064	Contribution of GABAA Receptors in laterodorsal thalamic nuclei activity and Spike-Wave Discharges in WAG/Rij Rats	maryam jafarian
116069	Age-related bidirectional regulation of object memory by the lysine acetyltransferase PCAF in the 3xTG mouse model of Alzheimer's disease	Samantha Creighton; Alexa Desimone; Kristen Jardine; Megan Zmetana; Sabrina Castellano; Ciro Milite; Gianluca Sbardella; Boyer Winters
116070	EARLY SUBSET OF CEREBELLAR NUCLEI NEURONS DERIVED FROM MESENCEPHALON IN MICE	Maryam Rahimi Balaei; Xiaodan Jiao; Behzad Yeganeh; Hassan Marzban
116075	Roles of the basolateral and central nuclei of the amygdala in reward-related behaviors: Studies using in vivo optogenetics	Alice Servonnet; Giovanni Hernandez; Pierre-Paul Rompré; Anne-Noël Samaha
116078	Cell-dependent aging of cortical microcircuit correlates with mood and cognitive behaviors	RAMMOHAN SHUKLA; Thomas Prevot; Leon French; Ruth Isserlin; Brad Rocco; Mounira Banasr; Gary Bader; Etienne Sibille
116079	Structural and functional cerebrovascular remodeling in two mouse models of ischemic stroke	Xavier Toussay; Cesar Comin; Melissa Yin; Luciano Da F. Costa; Baptiste Lacoste
116081	Myelination of the developing Xenopus laevis retinotectal system	Zahraa Chorghay; Anne Schohl; Nicholas Marsh-Armstrong; Ragnhildur Thóra Káradóttir; Edward Ruthazer
116082	What happens when astrocytes talk to neurons? A PI3K interactome in neurons following exposure to astrocyte secretome	Samih Alqawlaq; Izhar Livne-Bar; Darren Chan; Jeremy Sivak
116084	Lactate from astrocytes: a critical energy source for the learning-induced translation required for long-term memory	Giannina Descalzi; Virginia Gao; Michael Steinman; Cristina Alberini
116086	Increasing APOE in primary human brain pericytes does not modify migration in a scratch-wound assay	Sonja Soo; JianJia Fan; Wenchen Zhao; Jerome Robert; Cheryl Wellington
116088	Transcriptomic correlates of electrophysiological diversity within and across cell types	Claire Bomkamp; Shreejoy Tripathy; Paul Pavlidis; Ann Marie Craig

116089	A Novel Iterative Screen in <i>C. elegans</i> Reveals a Protein in the Insulin Signaling Pathway to be a Key Mediator of Memory	Sylvia Almeida; Daniel Merritt; Glenn Wolfe; Afrin Bhattacharya; Justina Melkis; Derek van der Kooy
116090	Non-amyloid Beta Impacts of Presenilin in Alzheimer's Associated Olfactory Deficits	Mahraz Parvand; Tahereh Bozorgmehr; Dawson Born; Catharine Rankin
116095	Investigating the function of the complement cascade in hippocampus synaptic plasticity	Eric Salter; Sun-Lim Choi; John Georgiou; Graham Collingridge
116102	Cholinergic regulation of deleted-in-colorectal cancer facilitates persistent firing in the entorhinal cortex.	Stephen Glasgow; Julien Gibon; Philippe Séguéla; Edward Ruthazer; Timothy Kennedy
116104	Frequency-dependent coupling between neuronal activity and mitochondrial Ca ²⁺ dynamics in situ	Chris Groten; Alexa Nelson; Brian MacVicar
116105	Motion free micro-endoscopic system for imaging in freely behaving animals at variable focal depths using liquid crystal lenses.	Arutyun Bagramyan; Tigran Galstian; Armen Saghatelian
116106	Fear and anxiety in the hypothalamus	Tamás Füzési; David Rosenegger; Nuria Daviu; Neilen Rasiah; Jaideep Bains
116107	A Putative Channel that Drives Spreading Depolarization evoked by Ischemia	R. David Andrew; Peter Gagolewicz
116109	Early intervention with a multi-ingredient dietary supplement improves mood and delays spatial memory decline in a triple transgenic mouse model of Alzheimer's disease	Craig Hutton; Jennifer Lemon; Boris Sakic; David Rollo; Douglas Boreham; Margaret Fahnstock; Martin Wojtowicz; Sue Becker
116110	PVN CRH neuron anticipate innate coping strategies	Nuria Daviu Abant; Tamas Füzési; David Rosenegger; Neilen Rasiah; Toni-Lee Sterley; Jaideep Bains
116111	AAV-compatible MiniPromoters Delivered Intravenously Target Specific Cell Types of the Brain including the Cortex, Striatum, Dorsal Raphe, Locus Coeruleus, and Endothelial Cells of the Blood Brain Barrier	Andrea Korecki; Siu Ling Lam; Rachelle Farkas; Oriol Fornes; Anthony Mathelier; Wyeth Wasserman; Elizabeth Simpson
116112	Characterization of Adult Human Spinal Cord Stem Cell Proliferation/Differentiation Behavior: A Translational Perspective	Ahmad Galuta; Diana Ghinda; Mahmoud Bedaiwy; Hussam Jabri; Mohammad AlShardan; Michael Taccone; Carolyn Lai; Jessica Rabski; Suzan Chen; Eve Tsai
116114	Illuminating axon tension with a beta spectrin-based sensor in organotypic brain slices	Linda Dansereau; Dong Li; Marianna Kiraly; Daniel Madison; Miriam Goodman
116115	Double-Tap: A novel high-throughput machine vision behavioural paradigm to study sensorimotor gating using <i>Caenorhabditis elegans</i>	Anna Willms; Troy McDiarmid; Catharine Rankin
116119	Pannexin-1 dependent long-term depression at the CA3-CA1 synapse	Allison Werner; Roger Thompson
116122	The role of microglia in the adult olfactory bulb	Sarah Malvaut; Jasna Kriz; Armen Saghatelian
116123	On the Generalizability of Nonlinear Models of fMRI Data and the True Model Selection Problem	James Hughes; Mark Daley
116126	Pleiotrophin reduces chondroitin sulfate proteoglycan mediated inhibition of neurite growth via anaplastic lymphoma kinase	Anna Wiersma; Somnath Gupta; Ian Winship; Kathryn Todd

116130	18F-FDG PET imaging of brain glucose hypometabolism in the 3xTg mouse model of Alzheimer's disease	Aida Adlimoghaddam; Wanda Snow; George Stortz; Andrew Goertzen; Ji Ko; Jelena Djordjevic; Claudia Perez; Benedict Albeni
116134	Inhibition of 5alpha-reductase impairs object recognition memory and dysregulates hippocampal dendritic morphology in male 3xTg-AD mice	Ari Mendell; Samantha Creighton; Hayley Wilson; Lauren Isaacs; Boyer Winters; Neil MacLusky
116138	Structure-function analysis of Pannexin-1's permeability to anandamide	Connor Anderson; Allison Werner; Alex Lohman; Roger Thompson
116142	Dissecting Neural Circuits Underlying Delayed Motor Learning of 16p11.2+/- Mice	Xuming Yin; Nabil Asraoui; Marie-Eve Mathieu; Simon Chen
116144	Impact of minocycline treatment on spatial learning and memory performance following prenatal alcohol exposure	Melissa Chiu; Amanada Chao; Srishti Sarkar; Samantha Baglot; Tamara Bodnar; Joanne Weinberg
116149	Increased risk for heterotopic ossification and delayed bone consolidation in orthopedic patients suffering from a concomitant mild traumatic brain injury	Marianne Jodoin; Dominique Rouleau; Benoit Benoit; Stephane Leduc; Yves Laflamme; Emilie Sandman; Erik Therrien; Louis De Beaumont
116150	""Graspability"" Determines the Utility of Weber's Law in Evaluating the Visual Codes Supporting Grasping and Manual Estimation	Naila Ayala; Matthew Heath; Gordon Binsted
116151	The Effect of Social Context on Functional Connectivity and Between-Brain Coupling	Amna Hyder; Naznin Virji-Babul
116154	Characterization of neural activity in a hippocampus-like region of teleost fish brain in the context of active spatial navigation	Haleh Fotowat; James Jun; Candice Lee; Leonard Maler
116155	Development of the dedicated neural circuit for swimming in the Zebrafish (Danio rerio) spinal cord.	Yann Roussel; Tuan Bui
116157	A novel Cas9 mutant confers reduced off-target gene editing while maintaining on-target potency	Rolf Turk; Christopher Vakulskas; Garrett Rettig; Michael Collingwood; Ashley Jacobi; Mark Behlke
116162	Neural correlates of risk/reward decision making in the medial prefrontal cortex and basolateral amygdala	Einar Einarsson; Ryan Fayyazi; Jeremy Seamans; Stan Floresco
116163	Neuroanatomical Correlates of Mouse Home Cage Social Behaviours	Darren Fernandes; Lily Qiu; Brooke Green; Jason Lerch
116169	Axon degeneration requires cytosolic Ca ²⁺ influx through TrpV1	Aaron Johnstone; Philip Barker
116170	Motor cortical circuit interactions in Parkinson's disease	James Saravanamuttu; Natasha Radhu; Kaviraja Udupa; Carolyn Gunraj; Julianne Baarbé; Robert Chen
116171	Pre-adolescent Oxytocin Treatment Increases Social Investigation Dependent on Sex and Maternal Fluoxetine Exposure	Nicole Minielly; Wansu Qiu; Natasha Black; Jared Splinter; Paula Duarte-Guterman; Liisa Galea
116172	The effect of pregabalin on neurological function following spinal cord injury	Erin Erskine; Ward Plunet; Nicholas Salterio; Wolfram Tetzlaff; Matthew Ramer; John Kramer
116173	An investigation of Wnts as retrograde cues in retinotectal circuit development	Ryan McPhedrain; Stephen Glasgow; Edward Ruthazer
116174	Advances in familial multiple sclerosis genetics pave the way for novel neuroscience research	Carles Vilarino-Guell
116175	TNF pathway genes in Drosophila sensory neuron development	Charlene Hoi; Wenjing Ruan; Redouane Allanche; Philip Barker

116177	Towards CRISPR/Cas9-Mediated Gene Therapy to Correct Blindness in a Novel Mouse Model of Aniridia	Zeinab Mirjalili Mohanna; Siu Ling Lam; Tom Johnson; Tess Lengyell; Elizabeth Simpson
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116182	Engineering next-generation optogenetic Pannexin-1 channels	Alexander Lohman; Robert Campbell; Roger Thompson
116183	The Effects of Exercise-Induced Fatigue and Eccentric Muscle Damage on Kinesthesia	Gregg Eschelmuller; George Grose; Damian Manzone; Ryan Peters; Mark Carpenter; J. Timothy Inglis; Romeo Chua
116185	Underperformance in the Workplace: Using a Rodent Model to Explore the Neural Mechanisms of Lost Productivity	Jason Tabor; Yannick Griep; Richelle Mychasiuk
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116189	Comparing spatial normalization methods on brain MRI data in the presence of MS lesions on real and simulated data	Salina Pirzada; Nasir Uddin; Chase Figley; Teresa Figley
116190	Metformin results in hippocampal remodeling and improved memory encoding in paediatric brain tumor survivors treated with cranial radiation: A pilot randomized controlled crossover study	Ramy Ayoud; Freda Miller; Kiran Beera; Cynthia de Medeiros; Suzanne Laughlin; Eric Bouffet; Donald Mabbott
116192	Mechanisms of AMPA-receptor trafficking alterations in a novel VPS35 p.D620N knock-in mouse model of Parkinson's disease.	Chelsie Kadgien; Matthew Farrer; Austen Milnerwood
116193	The role of MDGA proteins in regulation of neuroligin-neurexin signaling	Vedrana Cvetkovska; Jonathan Elegheert; Ina Ammendrup-Johnsen; Daiki Ojima; Steven Connor; Amber Clayton; Yicheng Xie; Tohru Yamamoto; Radu Aricescu; Ann Marie Craig
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116197	Functional Variomics Group: Precise structure-function analysis of ASD associated gene variants in PTEN using <i>Saccharomyces cerevisiae</i>	Kathryn Post; Barry Young; Fabian Meili; Benjamin Callaghan; Sanja Rogic; Catharine Rankin; Timothy O'Connor; Paul Pavlidis; Douglas Allan; Shernaz Bamji; Manuel Belmadani; Christopher Loewen; Kurt Haas
116198	Targeted memory reactivation during rapid eye movement sleep improves procedural skills learned in virtual reality: a pilot study	Claudia Picard-Deland; Arnaud Samson-Richer; Julianne Chénier; Tyna Paquette; Tore Nielsen
116204	Mouse models to explore genetic underpinnings of Developmental coordination disorder (DCD)	Jeffy Rajan Soundara Rajan; Kamaldeep Gill; Jill Zwicker; Daniel Goldowitz
116205	Calcium signaling determines the transition from quiescent to proliferative states of neural stem cell of the adult brain.	Archana Gengatharan; Marina Snapyan; Marie-Anne Lebel-Cormier; Magdalena Gotz; Armen Saghatelian
116207	Functional Variomics Group: Precise structure-function analysis of ASD associated gene variants in PTEN using targeted CRISPR gene replacement in <i>Caenorhabditis elegans</i>	Troy McDiarmid; Kathryn Post; Riki Dingwall; Payel Ganguly; Matthew Edwards; Ben Callaghan; Manuel Belmadani; Fabian Meili; Warren Meyers; Barry Young; Sanja Rogic; Chris Loewen; Douglas Allan; Timothy O'Connor; Shernaz Bamji; Paul Pavlidis; Kurt Haas; Catharine Rankin

116211	Emotional Memory in Bipolar Disorder and Major Depressive Disorder: A Preliminary Report	Bryce Bogie; Monisha Persaud; Flavio Kapczinski; Benicio Frey
116212	High-throughput phenomic characterization of ASD-associated genes reveals a functional gene network underlying hypersensitivity and impaired habituation	Troy McDiarmid; Manuel Belmadani; Fabian Meili; Kurt Haas; Paul Pavlidis; Catharine Rankin
116214	Functional connectivity organization underlying emotion perception in 8 month old infants following prenatal maternal exposure to SSRIs - Preliminary results	Naama Rotem-Kohavi; Naznin Virji-Babul; Tim Oberlander
116216	Strategies Towards Live Imaging for 3D Glial Cell Cultures: A Preliminary Study	Christopher Tsui; Kyle Koss; Matthew Churchward; Mischa Bandet; Ian Winship; Kathryn Todd
116219	A new model for repeated concussion can cause acute neurologic impairment without structural damage in juvenile rats	Alicia Meconi; Ryan Wortman; David Wright; Sandy Shultz; Brian Christie
116220	Gamma oscillations in the rodent anterior limbic system: local generation or external source?	James Carmichael; Matthew Yuen; Matthijs van der Meer
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116222	Assessing the Contribution of Anterior Cingulate Cortex On Checking Behaviors in a Rat Model of Obsessive Compulsive Disorder	Sukriti Gupta; Nathaniel Powell; Jeremy Seamans
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116228	Two-colour optogenetics for studying the roles of cAMP and cGMP in target synapses and subregions of the brain	Megan Valencia; Thomas Luyben; Kenichi Okamoto
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116231	Role of the msxC gene in stem cell populations of the CNS during development and regeneration	Benjamin Lindsey; David Zheng; Shei Keil; Selena Do; Marie-Andree Akimenko; Tuan Bui

116232	The effect of ketamine on 3D spatial working memory in rhesus macaques	Megan Roussy; Rogelio Luna; Lena Palaniyappan; Julio Martinez-Trujillo
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116236	Influence of Neurexin 1 and PTPsigma on the formation of synapses established by dopaminergic neurons	Charles Ducrot; Charlotte Michaud-Tardif; Anne-Sophie Racine; Samuel Burke-Nani; Marie-Josée Bourque; Gisselle Correa; Guillaume Fortin; Louis-Eric Trudeau
116237	Inhibitory Intolerance of Uncertainty and Decision-Making in Obsessive-Compulsive Disorder	Erin Orr; Tisha Ornstein; Randi McCabe; Margaret McKinnon; Neil Rector
116239	Effects of Low Field Magnetic Stimulation on cognitive and motor functions in a Traumatic Brain Injury Mouse Model	Sathiya Sekar; Yanbo Zhang; Changiz Taghibiglou
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116241	Rapid cAMP signalling regulates postsynaptic structural modification underlying synaptic plasticity	Tyler Luyben; Jelena Borovac; Megan Valencia; Fiona Bergin; Mustafa Khan; Hang Li; Takashi Tominaga; Kenichi Okamoto
116242	Prenatal Disruption of D1R-SynGAP Complex Impairs GABAergic Interneuron Migration and Causes Cognitive Deficits in Adulthood	Terence Kai Ying Lai; Ping Su; Frankie Lee; Andrew Abela; Paul Fletcher; Fang Liu
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116258	Synaptic changes in the ALS cortex: an interplay between neurons and astrocytes	Marie Franquin; Mahshad Kolaoudouzan; Blandine Ponroy; Pragya Komal; Carl Ernst; David Stellwagen
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116260	Quality control of hiPSCs-derived neurons and astrocytes: assessing and improving maturation	Mahshad Kolaoudouzan; Marie Franquin; Blandine Ponroy; Huashan Peng; Carl Ernst; David Stellwagen
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116270	Antibiotic treatment disrupts synaptic plasticity in the PVN and impairs memory of an acute stress	Agnieszka Zurek; Toni-Lee Sterley; Dina Baimoukhametova; Jaideep Bains
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116286	Foot sole cutaneous signals modulate soleus tendon vibration reflex coupling during standing	Robyn Mildren; Gregg Eschelmuller; Jean-Sébastien Blouin; Mark Carpenter; J. Timothy Inglis
116287	Effects of the type 1 cannabinoid receptor positive allosteric modulator GAT211 on absence seizures and the anxiety-like phenotype of Genetic Absence Epilepsy Rats from Strasbourg	John Howland; Quentin Greba; Mariam Alaverdashvili; Michael Anderson; Andrew Roebuck; Wendie Marks; Pushkar Kulkarni; Terrance Snutch; Ganesh Thakur; Robert Laprairie
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116292	Ventral pallidum Drd3-expressing neurons mediate persistent cocaine seeking behaviors	Horia Pribiag; Sora Shin; Eric Wang; Varoth Lilascharoen; Byungkook Lim
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116296	Chronic Traffic Noise Exposure Increases the Risk of Developing Alzheimer's Disease	Zahra Jafari; Majid Mohajerani
116297	Adult-Generated GABA-ergic Neurons within the Injured Cortex after Stroke	Timal Kannangara; Anthony Carter; Jean-Claude Beique; Diane Lagace

116298	Ethanol inhibition of long term depression and NMDA receptor currents in the developing rat dentate gyrus	Scott Sawchuk; Brian Christie
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116310	Direct comparison of MRI based myelin measurements in MS lesions and normal appearing white matter	Md Nasir Uddin; Teresa Figley; Ruth Ann Marrie; Chase Figley
116311	Differential expression of gangliosides across multiple microglial phenotypes and their role in fine-tuning microglia activation	Danny Galleguillos; Qian Wang; Karin Rubinstein; Matthew Churchward; Kamaldeep Dhami; Kathryn Todd; Simonetta Sipione
116312	Testosterone metabolism affects hippocampal amyloid beta levels and tau phosphorylation in the 3xTg mouse model of Alzheimer's disease	Hayley Wilson; Ari Mendell; Samantha Creighton; Boyer Winters; Neil MacLusky
116313	Contribution of Pannexin-1 to 4-AP Seizures in Mouse Neocortex	Mark Aquilino; Paige Whyte-Fagundes; Georg Zoidl; Berj Bardakjian; Peter Carlen
116314	A T-type calcium-activated signaling cascade for CREB activation	Hadhimulya Asmara; Xiaoqin Zhan; Giriraj Sahu; Peter Stys; Gerald Zamponi; Raymond Turner
116316	Individual neural and behavioral differences in moral decision-making: relevance for driverless cars	Annemarie Wolff; Georg Northoff
116317	Neonatal Ventral Hippocampal Lesions (NVHL) rats show working memory deficits on a delayed alternation task	Nathaniel Powell; Jeremy Seamans
116319	Aerobic exercise does not help improve long-term cognitive alterations present in middle to late adulthood mild traumatic brain injury (mTBI) victims	Camille Larson-Dupuis; H�el�ene Bergeron; Edith L�eveill�e; Martine Desjardins; V�eronique Pepin; Louis De Beaumont
116324	Highly sensitive and specific in situ detection of splice junctions to visualize expression dynamics in circular RNAs and their linear counterparts at single-cell level in developing mouse brain using BaseScopeTM technology.	Annelies Laeremans; Jonathan Samson; Emily Park; Xiao-Jun Ma
116329	Nonlinear frequency-dependent recruitment of a slow inhibitory circuit in the raphe by habenula inputs	Michael Lynn; Sean Geddes; S�ebastien Maill�e; David Lemelin; Richard Naud; Samir Haj-Dahmane; Jean-Claude B�eique

116331	The neuron baseball card project: A catalog of interneuron types in the primate lateral pre-frontal cortex	Eric Kuebler; Megan Roussy; Jackson Blonde; Roberto Gulli; Rogelio Luna; Gustavo Parfitt; Jude Reslan; Michelle Jimenez; Julia Sunstrum; Sara Matovic; Meagan Wiederman; Chakravarthi Narla; Jaymin Jeong; Michelle Everest; Kim Thomaes; Rhonda Kersten; Stefan Everling; Wataru Inoue; Micheal Poulter; Julio Martinez-Trujillo
116332	The influence of cortical morphology on bold signal variability	Daiana Pur; Roy Eagleson; Nathalie Mella; Anik de Ribaupierre; Sandrine de Ribaupierre
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116335	Expression of microRNA-21 in non-traumatic spinal cord injury is associated with poor motor function	Alex Laliberte; Spyridon Karadimas; Pia Vidal; Kajana Satkunendrarajah; Michael Fehlings
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116339	Depressive behaviour and the dorsal raphe: Sex-specific effects of chronic social isolation	David Oliver; Katheron Intson; Derya Sargin; Evelyn Lambe
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116353	Non-uniform subthreshold dynamics and integrative features in dorsal raphe neurons	Emerson Harkin; Michael Lynn; Alexandre Payeur; André Longtin; Richard Naud; Jean-Claude Béïque
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116360	Post-mortem analysis of a Parkinson's disease brain after 11 years of deep brain stimulation of the subthalamic nucleus	Francis Desmeules; Cynthia Lecours; Sylvine Carrondo Cottin; Angela Noecker; Peter Gould; Stephan Saikali; Marie-Ève Tremblay; Cameron McIntyre; Michel Prud'Homme; Léo Cantin; Martin Parent
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116366	The effects of SDC3 and FGFR1 on neurodegeneration in AD and PD	JUELU WANG; Weihong Song
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116368	Ultra-fast scanning two-photon microscopy reveals neuronal calcium dynamics in vivo	Tristan Dellazizzo Toth; Kelly Sakaki; Kasper Podgorski; Kurt Haas
116369	Does repetitive, intentional heading cause sub-concussive injury in the young adult brain?	Rebecca Kenny; Aaron Varga; Chantel Mayo; Jodie Gawryluk; Mauricio Garcia-Barrera; Brian Christie
116371	Antidepressant Effects of Transcranial Direct Current Stimulation (tDCS) in Adolescent and Adult Rats	Shannon Waye; Joshua Dean Conway; Lucas Walters; Francis Bambico
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116383	Does electrical vestibular stimulation circumvent the velocity storage?	Navid Khosravi-Hashemi; Anthony Chen; Oscar Ortiz-Angulo; John Kramer; Jean-Sébastien Blouin
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116388	Noxious heat pain processing is global phenomenon - a contact heat evoked potential study	Catherine Jutzeler; Armin Curt; Jan Rosner; Michele Hubli; John Kramer
116392	Revisiting the Sygen© data using data mining methods reveals the dose dependency of efficacy of the GM-1 ganglioside in Spinal Cord Injury (SCI) patients	Navid Khosravi-Hashemi; Fred Geisler; John Kramer