

EthoVision XT

11 NOVEMBER / 1:00 PM

55.11

(Olfactory
Processing I)

A. Gumaste - John B. Pierce Lab., New Haven, CT, U.S.A.

Mouse navigation to ethologically relevant odors in a complex odor environment

12 NOVEMBER / 8:00 M

158.28

(Neural Control of
Social Interactions)

A. Velkey - Psychology, Christopher Newport Univ., Newport News, VA, U.S.A.

Using behavior tracking to examine Zebrafish (*Danio rerio*) responses to live and simulated social stimuli

156.26

(Neuroethology: Circuits
and Behavioral Analyses)

A.B. Parsons-White - Biol. Sci., Marshall Univ., Huntington, WV, U.S.A.

Low-level, short-term manganese exposure has long-term effects on escape response and monoamine levels in juvenile *Procambarus clarkii*

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247.17

(Animal Models of
Trauma, Stress, and
Anxiety II)

J. Colom-Lapetina - Psychology, Northeastern Univ., Boston, MA, U.S.A.

Active vs. passive coping across paradigms: Sex differences in trait-like behaviors and neural markers

14 NOVEMBER / 8:00 AM

504.05

(Early-Life Stress: Neuro-
physiological and Neuro-
chemical Consequences)

M.E. Gallo - Cognitive, Linguistic and Psychological Sci., Brown Univ., Providence, RI, U.S.A.

Early life stress: In depth analysis of maternal behavior in response to limited access to bedding

519.2

(The Hippocampal Horizon:
Memory Consolidation
and Reconsolidation Across
Structures)

S. Ercan - Dept. Pharmacol & Physiol, Oklahoma State Univ. Ctr. for Hlth. Sci., Tulsa, OK, U.S.A.

Estrogen depletion in female rats decreases glia expression in hippocampus and amygdala and affects memory formation in a "single trial learning" test

15 NOVEMBER / 8:00 AM

685.06

(Motion:
Psychophysics)

S. Ferguson - Roskamp Inst., Sarasota, FL; 2The Roskamp Inst., Sarasota, FL, U.S.A.

Assessment of visual dysfunction of the optomotor response in APOE transgenic mice after TBI

PhenoTyper

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129.02

(Cognitive Dysfunction
in Alzheimer's Disease)

M. Loos - Sylics, Amsterdam, Netherlands

Longitudinal cognitive testing in mouse models of A β and Tau toxicity using an automated CognitionWall task

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330.28

(Animal Models for
Affective Disorders:
Mechanisms I)

C.J. Fee - Ctr. For Addiction and Mental Hlth., Toronto, ON, Canada

Acute and chronic chemogenetic silencing of somatostatin-expressing GABA interneurons induces rapid, robust, and lasting elevation of depressive- and anxiety-like behaviors

14 NOVEMBER / 8:00 AM

501.03

(Poster: 501 - Spinal Cord
Injury: Training, Rehabi-
litation, and Recovery)

F.J. Thompson - North Florida/South Georgia Veterans Hlth. Syst., Gainesville, FL, U.S.A.

Intrathecal baclofen (ITB) combined with locomotor exercise provides better therapeutic outcome in reducing spasticity, improving anxiety, cognitive and activity performance, and no adverse effect on balance performance in a traumatic brain injury (TBI) rodent model

14 NOVEMBER / 8:00 AM

712.26

(Learning and Memory:
Aging and Behavior)

B. Koopmans - Sylics, Amsterdam, Netherlands

Specific behavioral and cognitive changes in mouse models of different neuro-degenerative diseases and normally aging mice

The Observer XT

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34.03

(Autism: Behavioral
Analysis)

C.M. Holland - Div. of Occup. Sci. and Occup. Therapy, USC, Los Angeles, CA, U.S.A.

Quantifying and aligning activity profiles between therapists and children with autism spectrum disorder during sensory integration therapy

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701.05

(Behavioral Effects
in Preclinical Models
of Anxiety)

C.J. Fee - Benemerita Univ. Autonoma De Puebla, Puebla, Pue., Mexico

Low-yawning line showed higher anxiety and depression respect to high-yawning and Sprague-Dawley rats

CatWalk XT

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53.09

(Spinal Cord Injury:
Recovery and Repair)

S. Nori - Div. of Genet. and Develop., Krembil Res. Inst., Toronto, ON, Canada

Therapeutic impact of grafted oligogenic-directly reprogrammed neural precursor cells and chondroitinase ABC for chronic spinal cord injury

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139.04

(Brain Injury:
Cellular Mechanisms)

X. Jiang - State Key Lab. of Med. Neurobio., Fudan Univ., Shanghai, China

PTEN Inhibition improves white matter reparation after traumatic brain injury via activating Akt/mTOR pathway

143.02

(Spinal Cord Injury:
Animal Models and
Human Studies)

N.D. Neckel - Dept of Neurosci., Georgetown Univ., Washington, DC, U.S.A.

Gains from robotic gait training are reduced with the addition of skilled forelimb training in a rat model of spinal cord injury

133.06

(Parkinson's Disease:
Rodent Toxin and
Behavior Models)

R. Andreatini - Univ. Federal Do Paraná, Curitiba, Brazil

Ketamine reversed depressive-like behaviour and memory impairment but did affect vocal impairment in a rat model of Parkinson's disease

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186.01

(Neurodevelopmental
Disorders: Mechanisms)

E.J. Rahn - Dept. of Neurobio., Univ. of Alabama at Birmingham, Birmingham, AL, U.S.A.

Aberrant pain phenotype in a mouse model of the rare autism spectrum disorder Pitt Hopkins Syndrome

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304.17

(Neuroinflammation in
Neurodegenerative
Diseases)

A.L. Bombeiro - Depto. Biologia Estrutural e Funcional, Univ. Estadual De Campinas, Campinas, Brazil

Dimethyl fumarate accelerates axonal regeneration following peripheral nerve axotomy by modifying macrophage response post-injury

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485.16

(Pain Models: Physiology
and Behavior II)

A.K. Feehan - Neurosci., Tulane Univ., New Orleans, LA, U.S.A.

Evaluation of ZH853, a novel endomorphin analog, versus morphine in acute and long term dosing for chronic pain

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578.06

(Spinal Cord Injury:
Therapeutic Strategies)

H. Suzuki - Yamaguchi Univ., ube, Japan

Neural stem cell mediated recovery is enhanced by chondroitinase ABC pretreatment in chronic cervical spinal cord injury
