NOLDUS

SfN 2026
November 14-18 · Washington, DC

Noldus in neuroscience

Your guide to selected posters and talks at SfN 2026

Saturday — November 14

1:00 - 5:00 PM — Posters

The importance of habituation in scopolamine induced cognitive impairment assessed in the novel object recognition task

A. Chand et al.

EthoVision XT · **Board KK1** · PSTR035.12

Sunday — November 15

8:00 AM - noon — Posters

Longitudinal characterization of hyperreflexia and hypertonia following stroke in mice

S. Kaul et al.

CatWalk · **Board W11** · PSTR051.16

Genetic background influences the detection of behavioral phenotypes following mild traumatic brain injury

C. Pick, L. Bikovski

CatWalk · **Board X12** · PSTR053.04

Therapeutic potential of FGF-2 delivery strategies in experimental autoimmune encephalomyelitis: immunomodulatory and neuroprotective effects

S. J. Ortiz Peñuela et al.

CatWalk · **Board Y14** · PSTR054.14

Defining bioenergetic stress-induced cholinergic neurodegeneration in mice: Molecular and phenotypic characterization

S. Saha et al.

PhenoTyper · **Board U31** · PSTR049.22

1:00 - 5:00 PM — Posters

Systemic administration of pramipexole and 4-aminopyridine improve the gait pattern in male taiep rats: a model of human leukodystrophy

J. R. Eguibar et al.

CatWalk · **Board BB1** · PSTR101.02

An experiential learning skills-development module improved understanding and perceptions of content for college age students in a neuroscience methods course

A. L. M. Severino

EthoVision XT · **Board C53** · LBP016.03

Monday — November 16

8:00 AM - noon — Online

Socially-inexperienced zebrafish affect partner's motor and social behaviours during adult dyadic interactions

S. Shams, R. T. Gerlai

EthoVision XT · **Web only** · LBP027.10

1:00 - 5:00 PM — Posters

Goal-directed and habitual processes govern voluntary wheel running in rats

M. A. Abdin et al.

EthoVision XT · **Board FF12** · PSTR193.09

Developing a sustained release single dose immunomodulatory therapy for hypoxic ischemic encephalopathy

B. Collins

CatWalk · **Board V10** · PSTR176.07

Dose-dependent efficacy of intrathecal hiPSC derived chromaffin cell transplantation in a peripheral neuropathic pain model

S. Jergova et al.

CatWalk · **Board W29** · PSTR179.02

Chronic optogenetic activation of hypothalamic AgRP1 neurons drives hyperlocomotion and altered thigmotaxis in larval zebrafish open field test

H. Mehrabi, E. Jung

EthoVision XT · **Board CC24** · PSTR189.01

Blocking terminal cholesterol synthesis in CD4+ cells causes sex-dependent differences in locomotion, foraging, and sleep in mice

M. Yun et al.

PhenoTyper · **Board U29** · PSTR175.08

Talk · CatWalk — NANO22.03

Integrated gait and pose analysis utilizing computer vision for Parkinsonian behavioral phenotyping in mice

M. J. Jennings et al.

1:30 - 1:45 PM — WCC room 146C

More posters and Noldus research on the reverse.

All times Eastern. Poster times are session blocks. Check the SfN program for presenter availability.

Visit Noldus at booth 823

Explore the tools behind the research.

noldus.com

Noldus in neuroscience

More posters to explore, plus additional research from Noldus

Tuesday — November 17

8:00 AM - noon — Posters

Role of microglial infiltration in early symptom onset and progression of epileptogenesis in an immunocompetent mouse model of glioblastoma.

D. E. Fletcher, T. Vue

CatWalk + PhenoTyper · **Board R4** · PSTR217.03

Gene-edited HTRA1 mutant rats show behavioral, vascular, and molecular features of cerebral autosomal recessive arteriopathy with subcortical infarcts and leukoencephalopathy (CARASIL)

B. Monte et al.

CatWalk · **Board U32** · PSTR220.01

Longitudinal multimodal evaluation of cervical spinal cord injury progression and therapeutic effects of nanoparticle-based oxygen therapy in rats

J. Hou et al.

CatWalk · **Board Y19** · PSTR225.09

1:00 - 5:00 PM — Posters

Utilizing conditioned place preference to assess tactile threshold of whiskers in wildtype, barrelless, and Prrxl1 KO mice

C. Narciso et al.

EthoVision XT · **Board CC16** · PSTR272.10

An image-based detection approach to identify tinnitus-associated behavioral patterns in mice

S. Shapiro et al.

EthoVision XT · **Board DD26** · PSTR275.03

Wednesday — November 18

8:00 AM - noon — Posters

Investigating the pathogenic mechanism of SCA51 using Thap11-polyQ knock-in mouse models

E. Ruan, S. Yang

CatWalk · **Board W18** · PSTR307.01

A novel mouse model of sporadic ALS recapitulates systemic extracellular vesicle-mediated pathology

V. Ricotti et al.

CatWalk · **Board Y17** · PSTR309.18

1:00 - 5:00 PM — Posters

Bioengineered PCL/GelMA membranes and FGF2 synergize with TEMPOL-PEG-mediated axonal fusion to enhance peripheral nerve repair

L. Salamanca Guillén et al.

CatWalk · **Board Y18** · PSTR357.08

Validating a valproic acid model of ASD to study the role of microglia in the brain

A. J. Krumbein, N. J. Silva

DanioVision · **Board D5** · PSTR340.05

Also from Noldus

Digital monitoring and animal welfare

Saturday, November 14 · 1:00 - 5:00 PM

Adoption, use, and perceived value of continuous digital monitoring technologies in animal research: A mixed-methods survey

L. P. Noldus et al.

Board MM25 · TKP06.06SA

Monday, November 16 · 1:00 - 5:00 PM

An automated home-cage monitoring platform for multimodal welfare and behavior assessment in rats

E. O. Yilmaz et al.

Board LL88 · PSTR207.05

Author lists abbreviated. Times are Eastern. Check the SfN program for updates.

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Explore the tools behind the research.

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