

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

Noldus

RRID:SCR_004074

Type: Tool

Proper Citation

Noldus (RRID:SCR_004074)

Resource Information

URL: <http://www.noldus.com/>

Proper Citation: Noldus (RRID:SCR_004074)

Description: Commercial organization that develops tools and systems for measurement and analysis of animal and human behavior. They develop instrumented home cage systems, in which rodent behavior and ultrasonic vocalizations can be measured in a non-intrusive manner. Furthermore, they develop computer vision and pattern recognition technology for automated behavior detection. They believe that this approach has significant potential in research on animal models for Autism Spectrum Disorder.

Abbreviations: Noldus

Synonyms: Noldus Information Technology, Noldus Information Technology BV, Noldus IT

Resource Type: commercial organization

Keywords: behavior, animal behavior, human behavior, instrument supplier

Funding:

Resource Name: Noldus

Resource ID: SCR_004074

Alternate IDs: nlx_158522, ISNI: 0000 0004 0444 4194, grid.425797.a

Alternate URLs: <https://ror.org/00tzgse53>

Record Creation Time: 20220129T080222+0000

Record Last Update: 20250410T065115+0000

Ratings and Alerts

No rating or validation information has been found for Noldus.

No alerts have been found for Noldus.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 203 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Manzoli R, et al. (2024) Mucopolysaccharidosis type II zebrafish model exhibits early impaired proteasomal-mediated degradation of the axon guidance receptor Dcc. *Cell death & disease*, 15(4), 269.

Campbell BFN, et al. (2024) Gephyrin phosphorylation facilitates sexually dimorphic development and function of parvalbumin interneurons in the mouse hippocampus. *Molecular psychiatry*, 29(8), 2510.

Li Y, et al. (2024) Ablation of the integrin CD11b mac-1 limits deleterious responses to traumatic spinal cord injury and improves functional recovery in mice. *Research square*.

Heerey EA, et al. (2024) The subjective value of genuine smiles guides real-world social behaviour. *PLoS one*, 19(6), e0304726.

Simon TB, et al. (2024) Shifts in naturalistic behaviors induced by early social isolation stress are associated with adult binge-like eating in female rats. *Frontiers in behavioral neuroscience*, 18, 1519558.

Casarrubea M, et al. (2024) Behavioral mirroring in Wistar rats investigated through temporal pattern analysis. *Scientific reports*, 14(1), 20877.

Yang WW, et al. (2024) Dissecting Genetic Mechanisms of Differential Locomotion, Depression, and Allodynia after Spinal Cord Injury in Three Mouse Strains. *Cells*, 13(9).

Qi G, et al. (2024) SrHPO₄-coated Mg alloy implant attenuates postoperative pain by suppressing osteoclast-induced sensory innervation in osteoporotic fractures. *Materials*

today. *Bio*, 28, 101227.

Droppelmann CA, et al. (2024) Mitigation of TDP-43 toxic phenotype by an RGNEF fragment in amyotrophic lateral sclerosis models. *Brain : a journal of neurology*, 147(6), 2053.

Li Y, et al. (2024) Ablation of the Integrin CD11b Mac-1 Limits Deleterious Responses to Traumatic Spinal Cord Injury and Improves Functional Recovery in Mice. *Cells*, 13(18).

Strain MM, et al. (2024) Dorsal motor vagal neurons can elicit bradycardia and reduce anxiety-like behavior. *iScience*, 27(3), 109137.

Nielsen BE, et al. (2024) Reduced striatal M4-cholinergic signaling following dopamine loss contributes to parkinsonian and L-DOPA-induced dyskinesic behaviors. *Science advances*, 10(47), eadp6301.

Serra GP, et al. (2024) Opto-Avoidance-Elevated Plus Maze protocol to study positive or negative valence upon optogenetic stimulation in the mouse brain. *STAR protocols*, 5(4), 103474.

Ritzel RM, et al. (2024) Bi-directional neuro-immune dysfunction after chronic experimental brain injury. *Journal of neuroinflammation*, 21(1), 83.

Goode TD, et al. (2024) A dorsal hippocampus-prodynorphinergic dorsolateral septum-to-lateral hypothalamus circuit mediates contextual gating of feeding. *bioRxiv : the preprint server for biology*.

Lesuis SL, et al. (2024) Stress disrupts engram ensembles in lateral amygdala to generalize threat memory in mice. *Cell*.

Ousey J, et al. (2023) Gut microbiota suppress feeding induced by palatable foods. *Current biology : CB*, 33(1), 147.

Bi Y, et al. (2023) Eltoprazine modulated gamma oscillations on ameliorating L-dopa-induced dyskinesia in rats. *CNS neuroscience & therapeutics*, 29(10), 2998.

Zizioli D, et al. (2023) Downregulation of Zebrafish Cytosolic Sialidase Neu3.2 Affects Skeletal Muscle Development. *International journal of molecular sciences*, 24(17).

Ritzel RM, et al. (2023) The brain-bone marrow axis and its implications for chronic traumatic brain injury. *Research square*.