Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

PhenoSys

RRID:SCR_004072
Type: Tool

Proper Citation

PhenoSys (RRID:SCR_004072)

Resource Information

URL: http://www.phenosys.com/

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Description: A research- and development-oriented company based in Berlin that engineers and markets technology for animal behavior research offering unique, automated instrumentation. This includes specialized applications of virtual reality and touch screen technology for animal behavior environments and RFID (transponder) operated devices in home cage environments. Their experimental systems are used for behavioral phenotyping, brain research, experimental psychology, and the diagnostic characterization of animal models for translational medicine.

Abbreviations: PhenoSys

Synonyms: PhenoSys GmbH

Resource Type: commercial organization

Keywords: animal behavior, behavior, virtual reality, learning, memory, cognition, navigation, touchscreen, tracking, emotion, group, group cage, multi-cage, olfactometer, odor, olfactory, sensory, behavioral biology, phenotype

Resource Name: PhenoSys

Resource ID: SCR_004072

Alternate IDs: nlx_158513

Record Creation Time: 20220129T080222+0000

Record Last Update: 20260808T185816+0000

Ratings and Alerts

No rating or validation information has been found for PhenoSys.

No alerts have been found for PhenoSys.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Ziraldo G, et al. (2025) A membrane-targeted photoswitch restores physiological ON/OFF responses to light in the degenerate retina. Nature communications, 16(1), 600.

O'Keeffe M, et al. (2025) Typical development of synaptic and neuronal properties can proceed without microglia in the cortex and thalamus. Nature neuroscience, 28(2), 268.

Jeong N, et al. (2025) Goal-specific hippocampal inhibition gates learning. Nature, 642(8069), 1007.

Leinonen H, et al. (2024) A combination treatment based on drug repurposing demonstrates mutation-agnostic efficacy in pre-clinical retinopathy models. Nature communications, 15(1), 5943.

van der Vinne V, et al. (2024) Methods to estimate body temperature and energy expenditure dynamics in fed and fasted laboratory mice: effects of sleep deprivation and light exposure. Journal of comparative physiology. B, Biochemical, systemic, and environmental physiology, 194(3), 369.

Attalla D, et al. (2024) Cognitive training of mice attenuates age-related decline in associative learning and behavioral flexibility. Frontiers in behavioral neuroscience, 18, 1326501.

Tian Z, et al. (2024) Effects of ECM protein-coated surfaces on the generation of retinal pigment epithelium cells differentiated from human pluripotent stem cells. Regenerative biomaterials, 11, rbae091.

Gao F, et al. (2024) Polyunsaturated Fatty Acid - mediated Cellular Rejuvenation for Reversing Age-related Vision Decline. bioRxiv : the preprint server for biology.

Rivalan M, et al. (2024) Serotonin drives aggression and social behaviors of laboratory male mice in a semi-natural environment. Frontiers in behavioral neuroscience, 18, 1450540.

Bonney SK, et al. (2024) Capillary regression leads to sustained local hypoperfusion by inducing constriction of upstream transitional vessels. Proceedings of the National Academy of Sciences of the United States of America, 121(37), e2321021121.

Chidambaram S, et al. (2024) Serial reversal learning in nectar-feeding bats. Animal cognition, 27(1), 24.

Huang K, et al. (2023) Rapid, automated, and experimenter-free touchscreen testing reveals reciprocal interactions between cognitive flexibility and activity-based anorexia in female rats. eLife, 12.

Wong K, et al. (2023) Socially Integrated Polysubstance (SIP) system: An open-source solution for continuous monitoring of polysubstance fluid intake in group housed mice. Addiction neuroscience, 7.

Bogado Lopes J, et al. (2023) Individual behavioral trajectories shape whole-brain connectivity in mice. eLife, 12.

Gan YJ, et al. (2023) Srgap2 suppression ameliorates retinal ganglion cell degeneration in mice. Neural regeneration research, 18(10), 2307.

Oelkrug R, et al. (2023) Maternal thyroid hormone receptor ?? activation in mice sparks brown fat thermogenesis in the offspring. Nature communications, 14(1), 6742.

Xu Q, et al. (2022) Stress induced aging in mouse eye. Aging cell, 21(12), e13737.

Cho WH, et al. (2022) Hippocampal astrocytes modulate anxiety-like behavior. Nature communications, 13(1), 6536.

Cole JD, et al. (2022) Long-term retinal protection by MEK inhibition in Pax6 haploinsufficiency mice. Experimental eye research, 218, 109012.

Leinonen H, et al. (2022) Visual System Hyperexcitability and Compromised V1 Receptive Field Properties in Early-Stage Retinitis Pigmentosa in Mice. eNeuro, 9(3).