Resource Summary Report

Generated by SPARC SAWG on Aug 30, 2026

Clocklab

RRID:SCR_014309
Type: Tool

Proper Citation

Clocklab (RRID:SCR_014309)

Resource Information

URL: http://actimetrics.com/products/clocklab/

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Description: Point and click program used to quickly analyse circadian activity data using algorithms and embedded controls to make every graph interactive and useful for data analysis. The analysis program has been used for a variety of species including mice, hamsters, rats, sheep, Drosophila, and humans. This program has three separate applications: one for data collection, one for analysis, and a chamber control program.

Resource Type: data acquisition software, data analysis software, data processing software, software application, software resource, standalone software

Keywords: circadian activity data, interactive, data analysis software, data acquisition software, standalone software

Availability: Pay for product, Users can order different components of ClockLab separately

Resource Name: Clocklab

Resource ID: SCR_014309

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260829T182445+0000

Ratings and Alerts

No rating or validation information has been found for Clocklab.

No alerts have been found for Clocklab.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 573 mentions in open access literature.

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

Hirano A, et al. (2026) Circadian rhythms remain temperature compensated during a Q neuron-induced hibernation-like state in mice. PLoS biology, 24(4), e3003475.

Cunningham HA, et al. (2026) Early meal timing improves nocturnal glucose in pregnancies complicated by gestational diabetes. Diabetologia, 69(7), 1839.

Ramirez-Plascencia OD, et al. (2026) A hypothalamic circuit for circadian regulation of corticosterone secretion. Nature communications, 17(1).

Mace K, et al. (2026) Cross-species evidence for a developmental origin of adult hypersomnia with loss of synaptic adhesion molecules beat-Ia/CADM2. Nature communications, 17(1), 1628.

Gonzalez-Aponte MF, et al. (2026) Daily locomotor activity declines with tumor growth and disease progression in glioblastoma. JCI insight, 11(1).

Tsitkanou S, et al. (2026) Myocellular adaptations to short-term weighted wheel-running exercise are largely conserved during C26-tumour induction in male and female mice. Experimental physiology, 111(6), 3039.

Wu T, et al. (2026) Reciprocal regulation between autism risk gene POGZ and circadian clock. JCI insight, 11(9).

Boareto M, et al. (2026) Modelling the effect of V1a receptor antagonism and its potential therapeutic effect in circadian disorders. Npj biological timing and sleep, 3(1).

Hitrec T, et al. (2026) Clocks slide rather than freeze during torpor in the mouse. iScience, 29(7), 116402.

Chen Q, et al. (2026) SWI/SNF nuclear foci scaffold peripheral gene hubs for circadian chromatin control. bioRxiv : the preprint server for biology.

Zhou H, et al. (2026) Heterogeneity between VIP and GRP neurons underlies AVP receptor signaling in the mouse suprachiasmatic nucleus. Communications biology, 9(1).

Mascarenhas B, et al. (2026) ??-arrestin1 orchestrates endosomal signaling to regulate translational control of circadian light entrainment. Communications biology, 9(1).

Miyagi N, et al. (2026) Timed exercise modulates inter-coupling strength between evening and morning oscillators in mice. Npj biological timing and sleep, 3(1).

Lei HC, et al. (2026) Aging reduces motivation through decreased Bdnf expression in the ventral tegmental area. Molecular psychiatry, 31(3), 1398.

Gardner W, et al. (2026) The mPFC molecular clock mediates the effects of sleep deprivation on depression-like behavior and regulates sleep consolidation and homeostasis. Molecular psychiatry, 31(3), 1530.

Osborne WB, et al. (2026) Exogenous estradiol does not regulate daily metabolic rhythms underlying diet-induced obesity in male mice. PloS one, 21(3), e0343513.

Waight E, et al. (2026) Chronotherapy to reinforce circadian rhythms improves poststroke outcomes and glymphatic function in mice. The Journal of clinical investigation, 136(12).

Wang J, et al. (2026) Regulation of physical activity and energy expenditure through Phf6 in the medial preoptic area. Nature communications, 17(1).

Macheda T, et al. (2026) Glial cytokine modulation improves sleep and circadian disruption in female SAA knock-in mice of Alzheimer's-related pathology. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(4), e71314.

Valcin JA, et al. (2026) Short-term time-restricted feeding improves metabolic rhythms and liver mitochondrial bioenergetic function in high-fat diet-fed mice. Function (Oxford, England), 7(2), e0822025.