

# Resource Summary Report

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## Falcon

RRID:SCR\_023199

Type: Tool

### Proper Citation

Falcon (RRID:SCR\_023199)

### Resource Information

**URL:** <https://bitbucket.org/kloostermannerflab/>

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**Description:** Open source software tool for closed loop neuroscientific experiments capable of sub-millisecond response latency over high-rate streaming data acquired from high-count multi-electrode arrays. Used for processing and controlling closed-loop neuroscience data.

**Resource Type:** software toolkit, software resource

**Defining Citation:** [DOI:10.1088/1741-2552/aa7526](https://doi.org/10.1088/1741-2552/aa7526)

**Keywords:** OpenBehavior, processing and controlling closed-loop data, implementing closed loop neuroscience experiments, high rate streaming data, high count multi electrode arrays, neuroscience data

**Availability:** Free, Freely available

**Resource Name:** Falcon

**Resource ID:** SCR\_023199

**Alternate URLs:** <https://edspace.american.edu/openbehavior/project/falcon/>

**Record Creation Time:** 20230128T050204+0000

**Record Last Update:** 20260803T040853+0000

### Ratings and Alerts

No rating or validation information has been found for Falcon.

No alerts have been found for Falcon.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Cluzet V, et al. (2025) Pharmacologic Inhibition of SIRT1 Limits the Growth of Tumoral and Metastatic Granulosa Cells by Affecting mTOR, Myc, and E2F Pathways. *Molecular cancer therapeutics*, 24(8), 1197.

Souza-Borges CH, et al. (2024) De novo assembly and characterization of a highly degenerated ZW sex chromosome in the fish *Megaleporinus macrocephalus*. *GigaScience*, 13.

Lu Y, et al. (2024) Whole-genome sequencing of the invasive golden apple snail *Pomacea canaliculata* from Asia reveals rapid expansion and adaptive evolution. *GigaScience*, 13.

Li J, et al. (2024) Chromosome-level genome assembly and annotation of rare and endangered tropical bivalve, *Tridacna crocea*. *Scientific data*, 11(1), 186.

Lax C, et al. (2024) Symmetric and asymmetric DNA N6-adenine methylation regulates different biological responses in Mucorales. *Nature communications*, 15(1), 6066.

Gu H, et al. (2023) Evolution, Inheritance, and Strata Formation of the W Chromosome in Duck (*Anas platyrhynchos*). *Genome biology and evolution*, 15(11).