

Resource Summary Report

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FinchScope project

RRID:SCR_021484

Type: Tool

Proper Citation

FinchScope project (RRID:SCR_021484)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/finchscope/>

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Description: Project related to fluorescent imaging. Provides single photon fluorescent imaging microscope systems. System includes modular in vivo all optical neurophysiology rigs with transparent hardware, and acquisition and analysis software. Provide designs for 3D printed, lightweight, wireless capable microscope and motorized commutator, designed for multi month monitoring neural activity of zebra finches while they sing their courtship songs. Adapted for rodents and birds such as canaries.

Synonyms: FinchScope

Resource Type: data or information resource, project portal, instrument resource, portal

Defining Citation: [DOI:10.1088/1741-2552/aa6806](https://doi.org/10.1088/1741-2552/aa6806)

Keywords: Single photon, fluorescent imaging, microscope systems, OpenBehavior, Instrument

Availability: Free, Freely available

Resource Name: FinchScope project

Resource ID: SCR_021484

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260806T054727+0000

Ratings and Alerts

No rating or validation information has been found for FinchScope project.

No alerts have been found for FinchScope project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.