

Resource Summary Report

Generated by [RRID](#) on Aug 11, 2026

Meso-Py

RRID:SCR_026530

Type: Tool

Proper Citation

Meso-Py (RRID:SCR_026530)

Resource Information

URL: <https://pmc.ncbi.nlm.nih.gov/articles/PMC10731520/>

Proper Citation: Meso-Py (RRID:SCR_026530)

Description: Cost-effective, compact foot-print, and open-source Raspberry Pi-based widefield imaging system. Used for close-proximity dual-brain cortical mesoscale functional-imaging to simultaneously observe activity in two head-fixed animals in staged social touch-like interaction. We provide all schematics, code, and protocols for a rail system where head-fixed mice are brought together to a distance where the macrovibrissae of each mouse make contact.

Resource Type: instrument resource

Defining Citation: [PMID:38053472](#)

Keywords: compact foot-print, Raspberry Pi-based widefield imaging system, close-proximity, dual-brain, cortical mesoscale functional imaging,

Resource Name: Meso-Py

Resource ID: SCR_026530

Record Creation Time: 20250307T060316+0000

Record Last Update: 20260808T190747+0000

Ratings and Alerts

No rating or validation information has been found for Meso-Py.

No alerts have been found for Meso-Py.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.