

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

PiDose project

RRID:SCR_021441

Type: Tool

Proper Citation

PiDose project (RRID:SCR_021441)

Resource Information

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

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Description: Project related to oral drug administration to group housed mice. Provides open source system for oral drug administration to group housed mice. System includes home cage attached device that weighs individual animals and administers daily dosage of drug solution based on each animal bodyweight through their drinking water. Group housed mice are identified through use of RFID tagging and receive both regular water and drug solution drops by licking at spout within PiDose module.

Synonyms: PiDose

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

Defining Citation: [DOI:10.1038/s41598-020-68477-2](https://doi.org/10.1038/s41598-020-68477-2)

Keywords: Oral drug administration, group housed mice, OpenBehavior, Instrument

Availability: Free, Freely available

Resource Name: PiDose project

Resource ID: SCR_021441

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260912T195955+0000

Ratings and Alerts

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

No alerts have been found for PiDose project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.