# **Resource Summary Report**

Generated by dkNET on Apr 18, 2025

# **MouseLight Project**

RRID:SCR 016668

Type: Tool

## **Proper Citation**

MouseLight Project (RRID:SCR\_016668)

### Resource Information

URL: https://www.janelia.org/project-team/mouselight

**Proper Citation:** MouseLight Project (RRID:SCR\_016668)

**Description:** Software imaging platform to generate datasets of whole mouse brains imaged at submicron resolution that allow reconstructions of complete axonal arbors of individual neurons across the entire mouse brain.

**Synonyms:** MouseLight, The Mouse Light Project, Janelia MouseLight project, Mouse Light Project, MouseLight, MouseLight Project

**Resource Type:** database, service resource, data access protocol, software resource, web service, portal, production service resource, data analysis service, analysis service resource, data or information resource

**Keywords:** neuronal, reconstruction, connectomics, projectomics, brain, tissue, image, dataset, mouse, axonal, arbor, individual, neuron

#### **Funding:**

Availability: Free, Freely available, Tutorial available, Acknowledgement required,

Registration required

Resource Name: MouseLight Project

Resource ID: SCR\_016668

Alternate URLs: http://mouselight.janelia.org/

License: CC-BY NC

**Record Creation Time:** 20220129T080331+0000

Record Last Update: 20250418T055455+0000

### Ratings and Alerts

No rating or validation information has been found for MouseLight Project.

No alerts have been found for MouseLight Project.

#### 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 dkNET.

Gandolfi D, et al. (2023) Full-scale scaffold model of the human hippocampus CA1 area. Nature computational science, 3(3), 264.

Cavarretta F, et al. (2023) Modeling Synaptic Integration of Bursty and ? Oscillatory Inputs in Ventromedial Motor Thalamic Neurons in Normal and Parkinsonian States. eNeuro, 10(12).

lavarone E, et al. (2023) Thalamic control of sensory processing and spindles in a biophysical somatosensory thalamoreticular circuit model of wakefulness and sleep. Cell reports, 42(3), 112200.

Etemadi L, et al. (2022) Remote cortical perturbation dynamically changes the network solutions to given tactile inputs in neocortical neurons. iScience, 25(1), 103557.

Bichler EK, et al. (2021) Changes in Excitability Properties of Ventromedial Motor Thalamic Neurons in 6-OHDA Lesioned Mice. eNeuro, 8(1).

Ascoli GA, et al. (2021) Farewell, Neuroinformatics! Neuroinformatics, 19(4), 551.