

Resource Summary Report

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Olympus: BX50 microscope

RRID:SCR_018838

Type: Tool

Proper Citation

Olympus: BX50 microscope (RRID:SCR_018838)

Resource Information

URL: <https://microscopecentral.com/products/olympus-bx50-fluorescence-microscope>

Proper Citation: Olympus: BX50 microscope (RRID:SCR_018838)

Description: BX50 fluorescence microscope comes with 4 position mercury fluorescence lamphouse and power supply. Filters can be added as needed. Trinocular viewing head allows you to add camera to this system.

Synonyms: BX50 fluorescence microscope, Olympus BX50 Fluorescence Microscope

Resource Type: instrument resource

Keywords: Microscope, fluorescence microscope, four position mercury lamp, mercury fluorescence lamp, power supply, instrument, equipment, Olympus

Availability: Restricted

Resource Name: Olympus: BX50 microscope

Resource ID: SCR_018838

Alternate URLs:

https://arf.berkeley.edu/files/webfiles/all/arf/equipment/laboratory/microscope/oly_bx51/olympus_bx-51_bx52_microscope_manual.pdf

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Ratings and Alerts

No rating or validation information has been found for Olympus: BX50 microscope.

No alerts have been found for Olympus: BX50 microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Zhang R, et al. (2025) Soyasaponin I alleviates inflammation and oxidative stress in chronic obstructive pulmonary disease through inhibiting the mitogen-activated protein kinase (MAPK) signaling pathway. *Experimental animals*, 74(4), 407.

Molinari YA, et al. (2023) The Effects of Cuprizone on Murine Subventricular Zone-Derived Neural Stem Cells and Progenitor Cells Grown as Neurospheres. *Molecular neurobiology*, 60(3), 1195.

Kawata M, et al. (2022) Long-range axonal projections of transplanted mouse embryonic stem cell-derived hypothalamic neurons into adult mouse brain. *PloS one*, 17(11), e0276694.

Franco C, et al. (2022) Impairment in the Intestinal Morphology and in the Immunopositivity of Toll-like Receptor-4 and Other Proteins in an Autistic Mouse Model. *International journal of molecular sciences*, 23(15).

Borsani E, et al. (2022) Role of melatonin in autism spectrum disorders in a male murine transgenic model: Study in the prefrontal cortex. *Journal of neuroscience research*, 100(3), 780.