

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

Olympus: BX51WI Fixed Stage Upright Microscope

RRID:SCR_023069

Type: Tool

Proper Citation

Olympus: BX51WI Fixed Stage Upright Microscope (RRID:SCR_023069)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscopes/upright/bxwi/>

Proper Citation: Olympus: BX51WI Fixed Stage Upright Microscope (RRID:SCR_023069)

Description: BX51WI is for all physiological experiments such as patch clamping and intravital microscopy. Fixed stage and vibration free frame design ensures stability throughout experiment. Use of infrared light protects living cells and offers high penetration depths of thick tissue slices, while high NA optics allow magnification changes without moving objective.

Synonyms: BX51WI Fixed Stage Microscope

Resource Type: instrument resource

Keywords: USEDit, Olympus, fixed stage upright microscope, physiological experiments, vibration free, infrared light, living cells

Availability: Restricted

Resource Name: Olympus: BX51WI Fixed Stage Upright Microscope

Resource ID: SCR_023069

Alternate IDs: Model_Number_BX51WI

Record Creation Time: 20221229T050156+0000

Record Last Update: 20260919T195528+0000

Ratings and Alerts

No rating or validation information has been found for Olympus: BX51WI Fixed Stage Upright Microscope.

No alerts have been found for Olympus: BX51WI Fixed Stage Upright Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Monteagudo-García Ó, et al. (2026) ZC3H13 Loss Drives Cancer Metastatic Progression by Disrupting m6A RNA Methylation. *Cancer research*, 86(3), 622.

Campos J, et al. (2025) Modeling Spinal Cord Injury in a Dish with Hyperosmotic Stress: Population-Specific Effects and the Modulatory Role of Mesenchymal Stromal Cell Secretome. *International journal of molecular sciences*, 26(7).

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. *Immunity*, 58(1), 197.

Cano JC, et al. (2025) Newly generated striatal neurons rescue motor circuitry in a Huntington's disease mouse model. *Cell reports*, 44(4), 115440.

Valvo VM, et al. (2025) Olaparib and Radiotherapy Induce Type I Interferon- and CD8+ T Cell-Dependent Sensitization to Immunotherapy in Pancreatic Cancer. *Molecular cancer therapeutics*, 24(6), 843.

Jørgensen SK, et al. (2024) An analogue of the Prolactin Releasing Peptide reduces obesity and promotes adult neurogenesis. *EMBO reports*, 25(1), 351.

Kalyuzhnaya YN, et al. (2024) An Alternative Photothrombotic Model of Transient Ischemic Attack. *Translational stroke research*.

Cheung G, et al. (2024) Multipotent progenitors instruct ontogeny of the superior colliculus. *Neuron*, 112(2), 230.

Pinho AG, et al. (2023) The Central Nervous System Source Modulates Microglia Function and Morphology In Vitro. *International journal of molecular sciences*, 24(9).

Chen HC, et al. (2023) Differentiation, Transcriptomic Profiling, and Calcium Imaging of Human Hypothalamic Neurons. *Current protocols*, 3(6), e786.