

Resource Summary Report

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Olympus: IX83 Automated Fluorescence Microscope

RRID:SCR_020344

Type: Tool

Proper Citation

Olympus: IX83 Automated Fluorescence Microscope (RRID:SCR_020344)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscopes/inverted/ix83/>

Proper Citation: Olympus: IX83 Automated Fluorescence Microscope (RRID:SCR_020344)

Description: The Olympus IX83 inverted microscope has been integrated into our IXplore systems. IXplore Systems are designed to provide solutions-based packages that suit your research application needs.

Resource Type: instrument resource

Keywords: Olympus, Automated Fluorescence Microscope, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Olympus: IX83 Automated Fluorescence Microscope

Resource ID: SCR_020344

Alternate IDs: Model_Number_IX83

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260808T190141+0000

Ratings and Alerts

No rating or validation information has been found for Olympus: IX83 Automated Fluorescence Microscope.

No alerts have been found for Olympus: IX83 Automated Fluorescence Microscope.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Iyer S, et al. (2026) Neuropeptide Y and peptide YY differentially modulate bitter- and fatty acid-evoked responses in human fungiform taste bud cells. *American journal of physiology. Cell physiology*, 330(4), C991.

Goldman A, et al. (2026) An LRRK2 variant blocks NCOA4 trafficking upon iron overload, leading to ferroptotic death. *Journal of cell science*, 139(14).

Wu N, et al. (2026) Arginine deprivation enhances ASS1-negative glioblastoma radiosensitivity via epigenetic silencing of DNA repair genes. *Cell death & disease*.

Kohl S, et al. (2026) CXCR2 affects sensitization of radioresistant HPV-negative head and neck squamous cell carcinoma cells by ABT-263. *Radiation oncology (London, England)*, 21(1), 33.

Zuccoli E, et al. (2025) Reproducibility of PD patient-specific midbrain organoid data for in vitro disease modeling. *iScience*, 28(10), 113541.

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. *Journal of neurochemistry*, 169(1), e16274.

Le Pelletier L, et al. (2025) C-C chemokine ligand 5 from women subcutaneous adipose tissue has a central role in vascular aging. *Cardiovascular diabetology*, 24(1), 295.

Barmppa K, et al. (2024) Modeling early phenotypes of Parkinson's disease by age-induced midbrain-striatum assembloids. *Communications biology*, 7(1), 1561.

Valenti M, et al. (2023) Human gasdermin D and MLKL disrupt mitochondria, endocytic traffic and TORC1 signalling in budding yeast. *Open biology*, 13(5), 220366.

Mykins M, et al. (2023) Wild-type MECP2 expression coincides with age-dependent sensory phenotypes in a female mouse model for Rett syndrome. *Journal of neuroscience research*, 101(8), 1236.

Ghilarducci K, et al. (2022) Membrane Targeting and GTPase Activity of Rab7 Are Required for Its Ubiquitination by RNF167. *International journal of molecular sciences*, 23(14).