

Resource Summary Report

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Leica: DMI6000 B inverted microscope

RRID:SCR_018713

Type: Tool

Proper Citation

Leica: DMI6000 B inverted microscope (RRID:SCR_018713)

Resource Information

URL: <https://www.leica-microsystems.com/products/light-microscopes/p/leica-dmi6000-b/>

Proper Citation: Leica: DMI6000 B inverted microscope (RRID:SCR_018713)

Description: Inverted microscope for biomedical research. Offers Differential Interference Contrast for relief imaging of specimens with varying indices of refraction. Used for fluorescence, live cell, time-lapse imaging, high-speed multi-fluorescence optical sectioning, and micromanipulation. Features automated contrast and illumination manager, motorized Z focus, parfocality function, automatic brightness and diaphragm adjustment, and many other automated functions that provide convenience and reproducible results. Archived Product. Replaced by DMI8 S.

Synonyms: , Leica DMI6000 B, Leica DMI6000 B Fully Automated Inverted Research Microscope

Resource Type: instrument resource

Keywords: Leica, Automated Inverted Research Microscope, Instrument Equipment, USEDit

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018713.pdf

Resource Name: Leica: DMI6000 B inverted microscope

Resource ID: SCR_018713

Alternate IDs: SCR_020216, SCR_020228, SCR_020220, Model_Number_Leica_DMI6000_B

Alternate URLs:

https://www.ed.ac.uk/sites/default/files/atoms/files/leica_dmi6000b_manual.pdf

Record Creation Time: 20220129T080341+0000

Ratings and Alerts

No rating or validation information has been found for Leica: DMI6000 B inverted microscope.

No alerts have been found for Leica: DMI6000 B inverted microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Klemm N, et al. (2025) The Prolonged Half-Life of the p53 Missense Variant R248Q Promotes Accumulation and Heterotetramer Formation with Wild-Type p53 to Exert the Dominant-Negative Effect. *Cancer research*, 85(11), 1978.

del Angel M, et al. (2025) The Serine/Threonine Kinase NDR2 Regulates Integrin Signaling, Synapse Formation, and Synaptic Plasticity in the Hippocampus. *Journal of neurochemistry*, 169(6), e70094.

Suresh S, et al. (2025) PARP inhibitor and PRMT5 inhibitor synergy is independent of BRCA1/2 and MTAP status in breast cancer cells. *Scientific reports*, 15(1), 36766.

Magalhães J, et al. (2025) Rac1 inhibition prevents axonal cytoskeleton dysfunction in transthyretin amyloid polyneuropathy. *Cell reports*, 44(10), 116411.

Zhou H, et al. (2024) Monocyte adhesion to and transmigration through endothelium following cardiopulmonary bypass shearing is mediated by IL-8 signaling. *Frontiers in cardiovascular medicine*, 11, 1454302.

Vidya E, et al. (2024) EDC-3 and EDC-4 regulate embryonic mRNA clearance and biomolecular condensate specialization. *Cell reports*, 43(10), 114781.

Sousa SC, et al. (2024) Stretch triggers microtubule stabilization and MARCKS-dependent membrane incorporation in the shaft of embryonic axons. *Current biology : CB*, 34(19), 4577.

Joshi BS, et al. (2023) Preparation of chaperone-loaded neural stem cell-derived extracellular vesicles to reduce protein aggregation in Huntington's disease cellular models. *STAR protocols*, 4(1), 102134.

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.

Nogueira-Rodrigues J, et al. (2022) Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection. *Developmental cell*, 57(4), 440.

Mohr T, et al. (2022) The prominent role of the S100A8/S100A9-CD147 axis in the progression of penile cancer. *Frontiers in oncology*, 12, 891511.

Ferreira JJ, et al. (2021) SLO2.1/NALCN a sodium signaling complex that regulates uterine activity. *iScience*, 24(11), 103210.

Chou PR, et al. (2021) Simultaneous hyperbaric oxygen therapy during systemic chemotherapy reverses chemotherapy-induced peripheral neuropathy by inhibiting TLR4 and TRPV1 activation in the central and peripheral nervous system. *Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer*, 29(11), 6841.

Flowers BM, et al. (2021) Cell of Origin Influences Pancreatic Cancer Subtype. *Cancer discovery*, 11(3), 660.

Ortiz-Capisano MC, et al. (2014) Endothelin inhibits renin release from juxtaglomerular cells via endothelin receptors A and B via a transient receptor potential canonical-mediated pathway. *Physiological reports*, 2(12).