

# 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](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](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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Gil J, et al. (2026) Unique territorial and compartmental organization of chromosomes in the holocentric silkworm. The EMBO journal, 45(5), 1573.

Capik O, et al. (2026) CCL26-Mediated Modulation of Endothelial Secretome by Hypoxia-Induced Tumor-Derived Exosomes Enhances Metastatic Progression in Head and Neck Cancer. Head & neck, 48(9), 2377.

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.

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.

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.

Totiger TM, et al. (2025) XPO1 R749Q Mutations Co-occur with POLE Mutations in Cancer and Can Be Targeted to Overcome Chemoresistance. Cancer research, 85(17), 3219.

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

Bocci M, et al. (2025) Development of Multivalent FAP-Targeted Small Molecule-Drug Conjugates with Tailored MMAE Release Kinetics. Molecular cancer therapeutics, 24(10), 1487.

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).