

Resource Summary Report

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Leica: STELLARIS 5 microscope

RRID:SCR_024663

Type: Tool

Proper Citation

Leica: STELLARIS 5 microscope (RRID:SCR_024663)

Resource Information

URL: <https://www.leica-microsystems.com/products/confocal-microscopes/p/stellaris-8/>

Proper Citation: Leica: STELLARIS 5 microscope (RRID:SCR_024663)

Description: STELLARIS 5 microscope has core system with integrated WLL, combined with proprietary Acousto-Optical Beam Splitter and Power HyD S detectors. Together with the TauSense technology, STELLARIS 5 sets a new standard for the quality of images and quantity of information generated. Imaging with user interface, ImageCompass.

Resource Type: instrument resource

Keywords: microscope, imaging, Acousto-Optical Beam Splitter, Power HyD S detectors, TauSense technology,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_024663.pdf

Resource Name: Leica: STELLARIS 5 microscope

Resource ID: SCR_024663

Alternate IDs: Model_Number_STELLARIS 5

Record Creation Time: 20231027T050251+0000

Record Last Update: 20260829T182830+0000

Ratings and Alerts

No rating or validation information has been found for Leica: STELLARIS 5 microscope.

No alerts have been found for Leica: STELLARIS 5 microscope.

Data and Source Information

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Pfeil U, et al. (2026) Preparation of cleared whole-mount urethra and urinary bladder from transcardially perfused mice for immunolabeling and analysis by CLSM. STAR protocols, 7(2), 104542.

Bischoff AC, et al. (2026) Wilms Tumor 1-Expressing Stromal Cells Promote Pancreatic Cancer Progression. Cancer research, 86(2), 331.

Park DH, et al. (2026) Proteolytic cleavage of G3BP1 by calpain 1 couples NMDAR activation to mTOR-dependent local translation. EMBO reports, 27(10), 2749.

Porschen LT, et al. (2026) Circulating sphingosine-1-phosphate depletion is associated with endothelial activation and altered brain-endothelial S1P pathway expression in ischemic stroke. Fluids and barriers of the CNS, 23(1).

Walker AB, et al. (2026) The Neuroanatomy of the Hawaiian Bobtail Squid Juvenile Bacterial Light Organ. bioRxiv : the preprint server for biology.

Liu Y, et al. (2026) PDGFR α /Integrin α 2+ Fibroblasts Orchestrate Tumor Budding in Oral Squamous Cell Carcinoma via Mechano-Metabolic Symbiosis: E-Cadherin/Integrin α 2 β 1 Adhesion and Mitochondrial Transfer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e76385.

Richards BK, et al. (2026) Efferent projections of topographically distinct relaxin family peptide receptor-3 (RXFP3) lateral hypothalamus/zona incerta cells. Brain structure & function, 231(7).

Wang Y, et al. (2025) Homeodomain protein PRRX1 anchors the Ku heterodimers at DNA double-strand breaks to promote nonhomologous end-joining. Nucleic acids research, 53(6).

Matera A, et al. (2025) Protocol to assess engulfment and degradation of synaptosomes by murine microglia in vitro. STAR protocols, 6(3), 103936.

Yi E, et al. (2025) Selective Depletion of Cancer Cells with Extrachromosomal DNA via Lentiviral Infection. Cancer research communications, 5(8), 1458.

Stevens NA, et al. (2025) Diversity of axon initial segment geometry in the mouse hippocampus and its predicted influence on neuronal excitability. Cerebral cortex (New York, N.Y. : 1991), 35(12).

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

Yin Y, et al. (2024) ASGR1 is a promising target for lipid reduction in pigs with PON2 as its inhibitor. *iScience*, 27(7), 110288.

Ni Bhraonain E, et al. (2024) Immunohistochemical characterization of interstitial cells and their relationship to motor neurons within the mouse esophagus. *Research square*.

Ni Bhraonain EP, et al. (2024) Immunohistochemical characterization of interstitial cells and their spatial relationship to motor neurons within the mouse esophagus. *Cell and tissue research*.