

Resource Summary Report

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Zeiss: LSM 710 Confocal Inverted Microscope

RRID:SCR_018063

Type: Tool

Proper Citation

Zeiss: LSM 710 Confocal Inverted Microscope (RRID:SCR_018063)

Resource Information

URL: <https://www.selectscience.net/products/zeiss-lsm-710-for-fluorescence-imaging/?prodID=84549#tab-2>

Proper Citation: Zeiss: LSM 710 Confocal Inverted Microscope (RRID:SCR_018063)

Description: Inverted microscope that enables confocal microscopy in cell and developmental biology.

Synonyms: LSM-710 with incubation

Resource Type: instrument resource

Keywords: ABRF, Confocal Inverted Microscope, Zeiss, instrument, equipment

Resource Name: Zeiss: LSM 710 Confocal Inverted Microscope

Resource ID: SCR_018063

Alternate IDs: Model_Number_LSM 710

Alternate URLs: https://www.zmbh.uni-heidelberg.de/Central_Services/Imaging_Facility/info/780ZEN2010.pdf

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260808T190113+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss: LSM 710 Confocal Inverted Microscope.

No alerts have been found for Zeiss: LSM 710 Confocal Inverted Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Hatta D, et al. (2026) Proline-Rich Transmembrane Protein 2 Is Variably Expressed Across Excitatory and Inhibitory Neurons in Mouse Motor Circuits. *The Journal of comparative neurology*, 534(6), e70176.

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.

Serra-Almeida C, et al. (2026) Autophagy dysfunction in iPSCs-derived neurons and midbrain organoids carrying a SNCA triplication. *NPJ Parkinson's disease*, 12(1).

Barmppa K, et al. (2026) Parkinson's Disease Patient-Specific Striatum Organoids Show Hallmarks of Increased Inflammation. *Movement disorders : official journal of the Movement Disorder Society*, 41(4), 948.

Arumugam P, et al. (2026) Mitochondrial transfer to granulocytic myeloid-derived suppressor cells augments immunosuppressive activity. *Cell reports*, 45(3), 117057.

Lopes CR, et al. (2026) Genetic Deletion of Adenosine A2A Receptors Attenuates Aged-Related Alterations of Glial Cells Morphology and of Inflammasome in the Hippocampus and Prefrontal Cortex of Mice. *Glia*, 74(9), e70197.

Suzuki K, et al. (2026) Targeting the $\alpha 5$ Integrin Modifies the TGF β -Rich Tumor Microenvironment of Pancreatic Cancer. *Cancer research*, 86(15), 3801.

Wang D, et al. (2026) Intratumoral bicarbonate functions as an adjuvant to potentiate PD-1 blockade in hepatocellular carcinoma. *Oncogene*, 45(27), 2683.

Ennis CS, et al. (2025) Plasma exosomes from individuals with type 2 diabetes drive breast cancer aggression in patient-derived organoids. *Communications biology*, 8(1), 1276.

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

Luna-Maldonado F, et al. (2025) Protocol for induction and study of DNA double-strand breaks in mammalian cells using PALM microdissection and expansion microscopy. *STAR protocols*, 6(3), 103938.

Ferreira PA, et al. (2025) Early-life IL-4 administration induces long-term changes in microglia in the cerebellum and prefrontal cortex. *Journal of neurochemistry*, 169(1),

e16266.

Radiske A, et al. (2025) Theta-encoded information flow from dorsal CA1 to prelimbic cortex drives memory reconsolidation. *iScience*, 28(7), 112821.

Gomez-Giro G, et al. (2025) α -Synuclein Pathology Spreads in a Midbrain-Hindbrain Assembloid Model. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(20), e2409040.

Jobst M, et al. (2025) Retrograde rearrangement of mitochondria correlates with nuclear deformation and genotoxic damage. *iScience*, 28(8), 112955.

Soulard M, et al. (2025) Elimination of cells with local mismatch in differentiation timing contributes to synchronize tissue development. *iScience*, 28(8), 113135.

Fnu T, et al. (2025) Sympathetic Neurons Promote Small Cell Lung Cancer through the α -2-Adrenergic Receptor. *Cancer discovery*, 15(3), 616.

Sanches ES, et al. (2025) Methylphenidate triggers retinal oxidative stress and mitochondrial dysfunction under physiological conditions but has beneficial effects in inflammatory settings. *Neuropharmacology*, 279, 110623.

Baeken MW, et al. (2025) Conserved LIR-specific interaction of Sigma-1 receptor and GABARAP. *iScience*, 28(9), 113287.

Gong X, et al. (2025) Adaptation to Volumetric Compression Drives an Apoptosis-Resistant and Invasive Phenotype in Liver Cancer. *Cancer research*, 85(16), 3156.