

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: 20260801T190617+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 36 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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

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.

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.

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

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.

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.

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

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.

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.

Salmerón C, et al. (2025) Histamine H1 Receptor: A potential therapeutic target for pancreatic ductal adenocarcinoma. *The Journal of pharmacology and experimental therapeutics*, 392(5), 103573.

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.

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

Stone ML, et al. (2024) Agarose hydrogel-mediated electroporation method for retinal tissue cultured at the air-liquid interface. *iScience*, 27(12), 111299.

Alcala S, et al. (2024) Autofluorescent Cancer Stem Cells: Potential Biomarker to Predict Recurrence in Resected Colorectal Tumors. *Cancer research communications*, 4(10), 2575.

Danes D, et al. (2024) Embryonic exposure to flubendiamide induces hepatotoxicity in domestic chicks by altering drug-metabolizing enzymes, antioxidant status, and liver function. *Toxicology reports*, 13, 101697.

Kosuge A, et al. (2024) Chronic social defeat stress induces the down-regulation of the Nedd4L-GLT-1 ubiquitination pathway in the prefrontal cortex of mice. *Journal of neurochemistry*.

Chen Y, et al. (2024) A dynamic ubiquitination balance of cell proliferation and endoreduplication regulators determines plant organ size. *Science advances*, 10(11), eadj2570.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. *Developmental cell*, 59(9), 1159.