

Resource Summary Report

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Zeiss: LSM 880 with Airyscan Confocal Laser Scanning Microscope

RRID:SCR_020925

Type: Tool

Proper Citation

Zeiss: LSM 880 with Airyscan Confocal Laser Scanning Microscope (RRID:SCR_020925)

Resource Information

URL: <https://microscopy.stanford.edu/inverted-zeiss-lsm-880-laser-scanning-confocal-microscope-airyscan>

Proper Citation: Zeiss: LSM 880 with Airyscan Confocal Laser Scanning Microscope (RRID:SCR_020925)

Description: Fully enclosed laser scanning confocal imaging microscope for heating and environmental control with media perfusion capabilities and CO2 control. It can be used for Live Cell Imaging, FRET and Anisotropy, FRAP and FLIP, FCS, Photoactivation/ -conversion., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16, 2025.

Resource Type: instrument resource

Keywords: Zeiss, Confocal Laser Scanning Microscope, Multi-photon Confocal Microscope, Confocal Laser Scanning Microscope, Confocal Microscope, Instrument Equipment, USEDit

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Zeiss: LSM 880 with Airyscan Confocal Laser Scanning Microscope

Resource ID: SCR_020925

Alternate IDs: Model_Number_LSM 880

Record Creation Time: 20220129T080352+0000

Record Last Update: 20260815T182649+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss: LSM 880 with Airyscan Confocal Laser Scanning Microscope.

No alerts have been found for Zeiss: LSM 880 with Airyscan Confocal Laser Scanning Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Kang M, et al. (2026) Pertuzumab Enhances the Antitumor Activity of T-DXd in HER2-Positive Gastric Cancer Cells. *Molecular cancer therapeutics*, 25(5), 814.

Engel D, et al. (2026) Protocol for whole-cell patch-clamp recording and post hoc identification of hippocampal CA2 pyramidal neurons in adult mouse brain slices. *STAR protocols*, 7(2), 104470.

Laporte C, et al. (2026) Protocol for visualizing microglial lysosomal content by immunohistochemistry in the rodent brain. *STAR protocols*, 7(2), 104438.

Dontamsetti KD, et al. (2026) Systematic Characterisation of GLP-1R in Human Enteric Nervous System: Implications for GLP-1 as a Key Regulator of Colonic Activity. *Journal of neurochemistry*, 170(5), e70461.

Zhou Z, et al. (2026) The lipid-metabolic enzyme HSD17B12 drives lysosomal degradation of PD-L1 potentiating anti-tumor immunity in a mouse model. *PLoS biology*, 24(1), e3003603.

Casas M, et al. (2026) Bilateral equalization of synaptic output in olfactory glomeruli of *Xenopus* tadpoles. *eLife*, 14.

Huang M, et al. (2026) KRT81 promotes metastasis of colorectal cancer by acting as a protein scaffold for ezrin. *Oncogene*, 45(3), 459.

Merchant W, et al. (2026) RYGB induces vagal sensory neuropathy characterized by altered *Glp1r* expression and enhanced exendin-4 responsiveness in male mice. *American journal of physiology. Endocrinology and metabolism*, 330(1), E114.

Herget U, et al. (2026) Pth4 neurons define a novel hypothalamic circuit that promotes sleep via brainstem monoaminergic neurons. *Current biology : CB*, 36(1), 161.

Lueck J, et al. (2026) Dimerization-dependent gel-like condensation with dsDNA underpins the activation of human cGAS. *Cell reports*, 45(2), 116920.

Kobayashi A, et al. (2026) tRNA-derived fragments elevated in Alzheimer's disease promote Tau aggregation. *bioRxiv : the preprint server for biology*.

Koury J, et al. (2025) EphB2-mediated ephrin-B reverse signaling on microglia drives an anti-viral, but inflammatory and neurotoxic response associated with HIV. *Journal of neuroinflammation*, 22(1), 171.

Salvato I, et al. (2025) Adenoviral delivery of the CIITA transgene induces T-cell-mediated killing in glioblastoma organoids. *Molecular oncology*, 19(3), 682.

Cooke P, et al. (2025) Functional Regrowth of Norepinephrine Axons in the Adult Mouse Brain Following Injury. *eNeuro*, 12(1).

Abdullah KG, et al. (2025) Gliomas phenocopy an inborn error of metabolism to drive neuronal activity and tumor growth. *bioRxiv : the preprint server for biology*.

DiRusso JA, et al. (2025) Sex-specific expression and function of TRIM28 during mouse primordial germ differentiation. *iScience*, 28(10), 113474.

Gu N, et al. (2025) Microglia regulate neuronal activity via structural remodeling of astrocytes. *Neuron*.

Yu J, et al. (2025) Resilience and vulnerabilities of tumor cells under purine shortage stress. *Clinical cancer research : an official journal of the American Association for Cancer Research*.

Nelson AJ, et al. (2025) Lung-resident memory B cells maintain allergic IgE responses in the respiratory tract. *Immunity*, 58(4), 875.

Huang Z, et al. (2025) Hippocampal Inhibitory Interneuron-Specific DREADDs Treatment Alters mTORC1-4E-BP Signaling and Impairs Memory Formation. *Journal of neurochemistry*, 169(3), e70048.