

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: 20260801T190700+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 41 mentions in open access literature.

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

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

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.

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.

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).

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

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*.

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*.

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

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.

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

Mokhtar N, et al. (2025) 5-HT₆ Receptor Inverse Agonists Modulate Diabetic Neuropathic Pain in Female Rats: Evidence for 5-HT₆ Receptor Constitutive Activity. *Journal of neurochemistry*, 169(8), e70179.

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

Cai W, et al. (2025) The gut microbiota promotes pain in fibromyalgia. *Neuron*, 113(13), 2161.

Montemurro M, et al. (2025) The mechanical state of pre-tumoral epithelia controls subsequent *Drosophila* tumor aggressiveness. *Developmental cell*, 60(7), 1036.

Lu R, et al. (2024) Distinct modes of telomere synthesis and extension contribute to Alternative Lengthening of Telomeres. *iScience*, 27(1), 108655.

Emaldi M, et al. (2024) A functional role for glycosylated B7-H5/VISTA immune checkpoint protein in metastatic clear cell renal cell carcinoma. *iScience*, 27(9), 110587.

Willems M, et al. (2024) The impact of Charcot-Leyden Crystal protein on mesothelioma chemotherapy: targeting eosinophils for enhanced chemosensitivity. *EBioMedicine*, 109, 105418.

Janowitz HN, et al. (2024) Chronic Treatment with Serotonin Selective Reuptake Inhibitors Does Not Affect Regrowth of Serotonin Axons Following Amphetamine Injury in the Mouse Forebrain. *eNeuro*, 11(2).