

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 17, 2026

Zeiss: LSM 980 with Airyscan 2 Microscope

RRID:SCR_025048

Type: Tool

Proper Citation

Zeiss: LSM 980 with Airyscan 2 Microscope (RRID:SCR_025048)

Resource Information

URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_025048.pdf

Proper Citation: Zeiss: LSM 980 with Airyscan 2 Microscope (RRID:SCR_025048)

Description: Upright laser scanning confocal microscope with Airyscan 2 technology. Airyscan module is new detector concept featuring 32 channel GaAsP-PMT area detector. Airyscan detector brings simultaneous improvements in spatial resolution and signal-to-noise ratio in comparison with conventional confocal microscopy.

Synonyms: ZEISS LSM 980 with Airyscan 2

Resource Type: instrument resource

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_025048.pdf

Resource Name: Zeiss: LSM 980 with Airyscan 2 Microscope

Resource ID: SCR_025048

Alternate IDs: Model_Number_LSM 980

Old URLs: <https://www.zeiss.com/microscopy/en/products/light-microscopes/confocal-microscopes/lsm-980-with-airyscan-2.html>

Record Creation Time: 20240305T200904+0000

Record Last Update: 20260912T200436+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss: LSM 980 with Airyscan 2 Microscope.

No alerts have been found for Zeiss: LSM 980 with Airyscan 2 Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Merchant W, et al. (2026) Glucagon-Like Peptide-1 Targets in the Human Nodose Ganglion. The Journal of comparative neurology, 534(2), e70135.

Karmali N, et al. (2026) Single-cell RNA profiling of oligodendroglial lineage cells derived from iPSCs carrying Parkinson's disease-relevant LRRK2-G2019S mutation. iScience, 29(7), 116368.

Bernard MJ, et al. (2026) OGDHL Promotes Prostate Cancer Progression and Regulates Neuroendocrine Marker Expression and Nucleotide Abundance. Molecular cancer research : MCR, 24(5), 356.

Wu Y, et al. (2026) Stress-Induced ADGRL4 Orchestrates Tumor Progression and Metastasis by Inhibiting YAP1 Signaling and Activating Angiogenesis. Cancer research, 86(11), 2743.

Wang R, et al. (2026) Constructing the spatiotemporal atlas of single-cell lineage trajectories in stereotypic biological structures. iScience, 29(1), 114307.

Eme-Scolan E, et al. (2026) Remodeling of skull bone channels regulates immune infiltration into the meninges during neuroinflammation. Immunity, 59(1), 116.

Lichtenstein HD, et al. (2025) A common Iba1 antibody labels vasopressin neurons in mice. bioRxiv : the preprint server for biology.

Boswell CW, et al. (2025) Genetically encoded affinity reagents are a toolkit for visualizing and manipulating endogenous protein function in vivo. Nature communications, 16(1), 5503.

Musthafa T, et al. (2025) Altered Mitochondrial Bioenergetics and Calcium Kinetics in Young-Onset PLA2G6 Parkinson's Disease iPSCs. Journal of neurochemistry, 169(4), e70059.

Kim CW, et al. (2025) Gut dysbiosis from high-salt diet promotes glioma via propionate-mediated TGF- β activation. The Journal of experimental medicine, 222(8).

Tuñon-Ortiz A, et al. (2025) Inhibitory Neurons Marked by the Connectivity Molecule Kirrel3 Regulate Memory Precision. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(38).

Youlten SE, et al. (2025) In vivo differentiation of embryonic cells devoid of key reprogramming factors. *Cell reports*, 44(11), 116498.

Oba R, et al. (2025) Upregulation of Piezo2 and increased extracellular matrix protein in diabetic kidney disease mice. *Hypertension research : official journal of the Japanese Society of Hypertension*, 48(4), 1514.

Kuno S, et al. (2025) Multivalent afadin interaction promotes IDR-mediated condensate formation and junctional separation of epithelial cells. *Cell reports*, 44(3), 115335.

Wang S, et al. (2025) IL-33 secreted from astrocytes alleviates cognitive impairment associated with neuropathic pain via oxidative stress in mice. *Journal of neurophysiology*, 133(6), 1919.

Trevizan-Baú P, et al. (2024) Protocol for the isolation of the mouse sympathetic splanchnic-celiac-superior mesenteric ganglion complex. *STAR protocols*, 5(2), 103036.

Pankova V, et al. (2024) Clinical Implications and Molecular Features of Extracellular Matrix Networks in Soft Tissue Sarcomas. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(15), 3229.

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