Resource Summary Report

Generated by SPARC SAWG on Aug 9, 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: 20260808T190717+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 SPARC SAWG .

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-? 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.