

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

Zeiss: LSM 800 with Airyscan Microscope

RRID:SCR_015963

Type: Tool

Proper Citation

Zeiss: LSM 800 with Airyscan Microscope (RRID:SCR_015963)

Resource Information

URL: <https://engineering.unl.edu/nercf/zeiss-lsm-800-airyscan/>

Proper Citation: Zeiss: LSM 800 with Airyscan Microscope (RRID:SCR_015963)

Description: Compact confocal microscope with highly sensitive GaAsP detection and fast linear scanning. The airyscan system allows capture images with high sensitivity and superresolution compared with conventional confocal microscope., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: instrument resource

Keywords: microscope, confocal, instrument, equipment, hardware

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Zeiss: LSM 800 with Airyscan Microscope

Resource ID: SCR_015963

Alternate IDs: Model_Number_LSM 800

Old URLs: <https://www.zeiss.com/microscopy/int/products/confocal-microscopes/lsm-800-with-airyscan.html>

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260905T132801+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss: LSM 800 with Airyscan Microscope.

No alerts have been found for Zeiss: LSM 800 with Airyscan Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 425 mentions in open access literature.

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

Netolicky J, et al. (2026) The Role of Disulfide Bonds in the GluN1 Subunit in the Early Trafficking and Functional Properties of GluN1/GluN2 and GluN1/GluN3 NMDA Receptors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(13).

Bener MB, et al. (2026) Protocol to evaluate a lineage marking system in the Drosophila testis. STAR protocols, 7(2), 104479.

Ciummo SL, et al. (2026) Prostatic fibroblast reprogramming by Interleukin-30 activates prostate cancer metastasis programs. Molecular biomedicine, 7(1).

Balzasch BM, et al. (2026) Monocytes acquire a tumor-associated IL1B program upon encountering patient-derived colon cancer organoids. Oncoimmunology, 15(1), 2633012.

Arumugam P, et al. (2026) Mitochondrial transfer to granulocytic myeloid-derived suppressor cells augments immunosuppressive activity. Cell reports, 45(3), 117057.

Hatta D, et al. (2026) Proline-Rich Transmembrane Protein 2 Is Variably Expressed Across Excitatory and Inhibitory Neurons in Mouse Motor Circuits. The Journal of comparative neurology, 534(6), e70176.

Huang KK, et al. (2026) Mutational Signatures and Clonal Hematopoiesis in Intestinal Metaplasia across Countries with Varying Stomach Cancer Incidence. Cancer discovery, 16(3), 497.

Kim MJ, et al. (2026) Excessive epithelial mechanosensation drives nociceptive innervation and chronic bladder pain via the PIEZO1-SLC7A11-glutamate axis. Cell.

Cong XX, et al. (2026) CRM1 inhibits NPAT condensation and histone locus body formation via a competitive occupation strategy. The Journal of cell biology, 225(2).

Fischer S, et al. (2026) Loss of ADAMTS9 disrupts ciliogenesis and collagen homeostasis resulting in Nephronophthisis-like polycystic kidneys. bioRxiv : the preprint server for biology.

Pinto-Pardo N, et al. (2026) The contribution of dorsal horn cyclin-dependent kinase 5 (CDK5) to the initiation and maintenance of chronic pain is defined by the nature of injury. British journal of pharmacology.

Lu H, et al. (2026) Epithelial-mesenchymal transition is associated with altered immune composition and cytotoxic function in triple-negative breast cancer. Breast cancer

research : BCR, 28(1).

Weng JH, et al. (2026) Polyglutamine homorepeat regulates Runx2 condensation and cellular localization in a KPNA3-dependent manner. *Cell reports*, 45(4), 117205.

Kawase M, et al. (2026) Phospholipid flippases ATP8A1 and ATP8A2 regulate GABAA receptor trafficking through distinct mechanisms in hippocampal neurons. *iScience*, 29(7), 116626.

Yang ZZ, et al. (2025) DCAF13-mediated K63-linked ubiquitination of RNA polymerase I promotes uncontrolled proliferation in Breast Cancer. *Nature communications*, 16(1), 557.

Lu H, et al. (2025) Epithelial-Mesenchymal Transition is Associated with Altered Immune Composition and Cytotoxic Function in Triple-Negative Breast Cancer. *bioRxiv : the preprint server for biology*.

Wannakul T, et al. (2025) Loss of fatty acid-binding protein 7 promotes B16F10 melanoma metastasis. *Scientific reports*, 15(1), 10495.

Xu SB, et al. (2025) KPNA3 regulates histone locus body formation by modulating condensation and nuclear import of NPAT. *The Journal of cell biology*, 224(1).

Marotta VE, et al. (2025) OTUD6B regulates KIFC1-dependent centrosome clustering and breast cancer cell survival. *EMBO reports*, 26(4), 1003.

McLaughlin MR, et al. (2025) G Protein Coupled Estrogen Receptor Signaling Maintains ?? Cell Identity in Female Mice. *bioRxiv : the preprint server for biology*.