

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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: 20260801T190532+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 412 mentions in open access literature.

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

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*.

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

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*.

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*.

Oh S, et al. (2025) The Synergistic Effect of PARP Inhibitors and Irinotecan in Small Cell Lung Cancer Cells. *Cancer research and treatment*, 57(4), 1040.

Lucaciu SA, et al. (2025) Skin disease-associated GJB4 variants differentially influence connexin stability, cell viability and channel function. *The Journal of physiology*, 603(15), 4383.

Tofigh N, et al. (2025) A Novel Phosphorylated Tau Conformer Implicated in the Tauopathy Pathogenesis of Human Neurons. *Biomolecules*, 15(4).

Kang M, et al. (2025) Cd99l2 regulates excitatory synapse development and restrains immediate-early gene activation. *Cell reports*, 44(1), 115155.

Wan M, et al. (2025) Loss of RNASEK Terminates Egg Cylinder Development by Impairing Lysosomal Function Associated With V-ATPase in Mouse. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(24), e71332.

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).

Tucker N, et al. (2024) The pro-apoptotic function of the *C. elegans* BCL-2 homolog CED-9 requires interaction with the APAF-1 homolog CED-4. *Science advances*, 10(41), eadn0325.

Smith CC, et al. (2024) Kv2 channels do not function as canonical delayed rectifiers in spinal motoneurons. *iScience*, 27(8), 110444.

Fieni C, et al. (2024) Prevention of prostate cancer metastasis by a CRISPR-delivering nanoplatform for interleukin-30 genome editing. *Molecular therapy : the journal of the American Society of Gene Therapy*, 32(11), 3932.

Oliva S, et al. (2023) Anti-TLR4 biological response to titanium nitride-coated dental implants: anti-inflammatory response and extracellular matrix synthesis. *Frontiers in bioengineering and biotechnology*, 11, 1266799.

Zhang S, et al. (2023) LncRNA INPP5F ameliorates stress-induced hypertension via the miR-335/Cttn axis in rostral ventrolateral medulla. *CNS neuroscience & therapeutics*, 29(7), 1830.

Ishii K, et al. (2023) Reelin regulates the migration of late-born hippocampal CA1 neurons via cofilin phosphorylation. *Molecular and cellular neurosciences*, 124, 103794.

Marmor-Kollet N, et al. (2023) Actin-dependent astrocytic infiltration is a key step for axon defasciculation during remodeling. *Cell reports*, 42(2), 112117.