

# Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

## LSM Image Examiner

RRID:SCR\_014344

Type: Tool

---

### Proper Citation

LSM Image Examiner (RRID:SCR\_014344)

---

### Resource Information

**URL:** [http://www.embl.de/eamnet/html/body\\_image\\_browser.html](http://www.embl.de/eamnet/html/body_image_browser.html)

**Proper Citation:** LSM Image Examiner (RRID:SCR\_014344)

**Description:** Software used to compile images obtained from the Zeiss LSM 510 confocal microscope. The browser can be used for general image archiving and handling and interactive measurement in labs and workgroups. Features include orthogonal sectioning, 3D cut function, 3D view with calculation of single projections, and interactive measurement functions in the overlay dialog, such as scale bar, distance, and area.

**Synonyms:** LSM Image Browser

**Resource Type:** software resource, software application, data management software

**Keywords:** data management software, image archive, image management, interactive measurement

**Availability:** Available for download

**Resource Name:** LSM Image Examiner

**Resource ID:** SCR\_014344

**Alternate URLs:** [http://www.zeiss.com/microscopy/en\\_us/website/downloads/lsm-image-browser.html](http://www.zeiss.com/microscopy/en_us/website/downloads/lsm-image-browser.html) <http://lsm-image-examiner.software.informer.com>

**Record Creation Time:** 20220129T080320+0000

**Record Last Update:** 20260801T042731+0000

---

### Ratings and Alerts

- Used for imaging technique by the Human Islet Research Network community. Contact(s): [Diane Saunders](#), [Marcela Brissova](#), [John Walker](#), [Dale Greiner](#), [Al Powers](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for LSM Image Examiner.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 1508 mentions in open access literature.

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

Zhou MH, et al. (2026) Spinal  $\alpha$ -1 induces GluA3 degradation to regulate assembly of calcium-permeable AMPA receptors and pain hypersensitivity. The Journal of clinical investigation, 136(1).

Baek W, et al. (2025) Phosphorylation-Induced Degradation of Pepper Dehydration-Related Homeobox Gene 12 (CaDRHB12), a Negative Regulator of Drought Response in Pepper, by CaSnRK2.6 Enhances Drought Tolerance. Plant biotechnology journal, 23(11), 5178.

Cordier C, et al. (2025) Targeting TRPV6/CXCR4 complexes prevents castration-resistant prostate cancer metastasis to the bone. Signal transduction and targeted therapy, 10(1), 287.

Jin M, et al. (2025) Sulfur-Doped Carbon Dots as a Highly Selective and Sensitive Fluorescent Probe for Copper Ion Detection in Biological Systems. Small (Weinheim an der Bergstrasse, Germany), 21(46), e2410765.

Choi J, et al. (2025) Role of pepper bZIP transcription factor CaADBZ1 in abscisic acid signalling and drought stress response. Physiologia plantarum, 177(2), e70159.

Tosun S, et al. (2025) Dentinal tubule penetration of AH Plus, MTA Fillapex, and BioRoot flow: a confocal laser scanning microscopy study. BMC oral health, 25(1), 1984.

Kandemir B, et al. (2025) Effect of gutta-percha cone-mediated ultrasonic activation on the push-out bond strength and dentinal tubule penetration of epoxy resin- and silicate-based root canal sealers: an in vitro study. BMC oral health, 25(1), 1879.

Aubry A, et al. (2025) Nestin(+)- and Nestin(-)-Ventricular Cardiomyocytes Reenter the Cell Cycle In Vitro but Are Reciprocally Regulated in the Partial Apex-Resected 7-Day Neonatal Rat Heart. Journal of cellular physiology, 240(4), e70040.

Song J, et al. (2025) Tracking the genome-wide occupancy of Arabidopsis LEAFY COTYLEDON1 in endosperm development. Communications biology, 8(1), 771.

Bonavita R, et al. (2025) Evidence of an unprecedented cytoplasmic function of DDX11, the Warsaw breakage syndrome DNA helicase, in regulating autophagy. *Autophagy*, 21(11), 2385.

Chen Y, et al. (2025) Snap plays a pivotal role in the maintenance of *Drosophila* ISCs survival and tissue homeostasis. *Scientific reports*, 15(1), 18989.

Shinohara HM, et al. (2025) In Utero Electroporation Uncovers an Early-Differentiating Subset of Dentate Gyrus Progenitors. *Cellular and molecular neurobiology*, 45(1), 96.

Park GH, et al. (2025) Ubiquitin-Specific Protease 20 Promotes CCCP-Induced Mitophagy Through Deubiquitination and Stabilization of Serine/Threonine Protein Kinase PINK1. *Journal of molecular neuroscience : MN*, 75(4), 162.

Chen Z, et al. (2025) Increased TNN in Knee Osteoarthritis Accelerates Cartilage Damage via the Negative Regulation of AMPK-PPAR $\gamma$  Signalling. *Journal of cellular and molecular medicine*, 29(23), e70981.

Alshuweishi Y, et al. (2025) AICAR Inhibits Insulin-Stimulated Glucose Uptake in 3T3-L1 Adipocytes via an AMPK-Independent, ZMP-Dependent Mechanism. *Cells*, 14(22).

Chen L, et al. (2025) DNA-PKcs Dysfunction Enhances the Antitumor Activity of Radioimmunotherapy by Activating the cGAS-STING Pathway in HNSCC. *Journal of inflammation research*, 18, 4177.

Trincherro MF, et al. (2025) Audiovisual gamma stimulation enhances hippocampal neurogenesis and neural circuit plasticity in aging mice. *bioRxiv : the preprint server for biology*.

Li M, et al. (2025) Numb provides a fail-safe mechanism for intestinal stem cell self-renewal in adult *Drosophila* midgut. *eLife*, 14.

Shi W, et al. (2025) Involvement of BK Channels and Ryanodine Receptors in Salicylate-induced Tinnitus. *Molecular neurobiology*, 62(4), 4115.

Bae TH, et al. (2025) An Autophagy-Targeting Chimera Induces Degradation of Androgen Receptor Mutants and AR-v7 in Castration-Resistant Prostate Cancer. *Cancer research*, 85(2), 342.