## **Resource Summary Report**

Generated by RRID on May 20, 2025

# **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

**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

Funding:

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://lsm-image-examiner.software.informer.com

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

Record Last Update: 20250519T203827+0000

### **Ratings and Alerts**

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

No alerts have been found for LSM Image Examiner.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 409 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID.

Chen X, et al. (2024) An oncolytic virus delivering tumor-irrelevant bystander T cell epitopes induces anti-tumor immunity and potentiates cancer immunotherapy. Nature cancer, 5(7), 1063.

Hernández-Hernández I, et al. (2024) Endogenous LXR signaling controls pulmonary surfactant homeostasis and prevents lung inflammation. Cellular and molecular life sciences : CMLS, 81(1), 287.

Estupiñán HY, et al. (2024) In BTK, phosphorylated Y223 in the SH3 domain mirrors catalytic activity, but does not influence biological function. Blood advances, 8(8), 1981.

Jo A, et al. (2023) Modular interneuron circuits control motion sensitivity in the mouse retina. Nature communications, 14(1), 7746.

Wei Y, et al. (2023) CD161 Characterizes an Inflamed Subset of Cytotoxic T Lymphocytes Associated with Prolonged Survival in Human Papillomavirus-Driven Oropharyngeal Cancer. Cancer immunology research, 11(3), 306.

Jo A, et al. (2023) A sign-inverted receptive field of inhibitory interneurons provides a pathway for ON-OFF interactions in the retina. Nature communications, 14(1), 5937.

Cardoso MH, et al. (2023) Impaired Lysosome Reformation in Chloroquine-Treated Retinal Pigment Epithelial Cells. Investigative ophthalmology & visual science, 64(11), 10.

Yang B, et al. (2023) Optimized protocol for live imaging of overnutrition-elicited interactions between immune cells and ? cells in zebrafish. STAR protocols, 4(1), 102039.

Lin X, et al. (2022) IL-17RA-signaling in Lgr5+ intestinal stem cells induces expression of transcription factor ATOH1 to promote secretory cell lineage commitment. Immunity, 55(2), 237.

Bolgi O, et al. (2022) Dipeptidyl peptidase 9 triggers BRCA2 degradation and promotes DNA damage repair. EMBO reports, 23(10), e54136.

Yang B, et al. (2022) Macrophages and neutrophils are necessary for ER stress-induced? cell loss. Cell reports, 40(8), 111255.

Kong D, et al. (2022) Multifunctional Targeting Liposomes of Epirubicin Plus Resveratrol Improved Therapeutic Effect on Brain Gliomas. International journal of nanomedicine, 17, 1087.

Kang SH, et al. (2022) Glycine induces enhancement of bactericidal activity of neutrophils. The Korean journal of physiology & pharmacology: official journal of the Korean Physiological Society and the Korean Society of Pharmacology, 26(4), 229.

Kim JH, et al. (2021) Decreased urothelial expression of caveolin 1 and 2 in aging rats showing detrusor overactivity: Potential association with aging bladder. Investigative and clinical urology, 62(6), 690.

Bae JE, et al. (2021) Impact of starch granule-associated channel protein on characteristic of and ?-carrageenan entrapment within wheat starch granules. International journal of biological macromolecules, 174, 440.

Wang Q, et al. (2021) CaMKII oxidation is a critical performance/disease trade-off acquired at the dawn of vertebrate evolution. Nature communications, 12(1), 3175.

Seo S, et al. (2021) A Fully Human Monoclonal Antibody Targeting cKIT Is a Potent Inhibitor of Pathological Choroidal Neovascularization in Mice. Pharmaceutics, 13(8).

Xue P, et al. (2021) A novel protoapigenone analog RY10-4 induces apoptosis of breast cancer cells by exacerbating mitochondrial Ca2+ influx through mitochondrial calcium uniporter. Toxicology and applied pharmacology, 433, 115776.

Yamamoto K, et al. (2021) The TLR4-TRIF-type 1 IFN-IFN-? pathway is crucial for gastric MALT lymphoma formation after Helicobacter suis infection. iScience, 24(9), 103064.

Reddy HP, et al. (2021) Encephalopathy-causing mutations in G?1 (GNB1) alter regulation of neuronal GIRK channels. iScience, 24(9), 103018.