

Resource Summary Report

Generated by NIF on Aug 6, 2026

ZEN-ZEISS Efficient Navigation

RRID:SCR_021725

Type: Tool

Proper Citation

ZEN-ZEISS Efficient Navigation (RRID:SCR_021725)

Resource Information

URL: <https://www.zeiss.com/microscopy/int/products/microscope-software/zen.html>

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Description: Software package for ZEISS light microscopy systems. Universal user interface for every imaging system from ZEISS to assist to acquire images, process images, visualize big data by GPU powered 3D engine, analyze images via Machine Learning-based tools, correlate between light-light or light-electron microscopes, store raw data in secure format locally or in the cloud., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: ZEN

Synonyms: ZEN2010 B SP1 software, ZEISS Efficient Navigation, ZEN - ZEISS Efficient Navigation

Resource Type: data processing software, data acquisition software, software application, data visualization software, software resource, image processing software

Keywords: ZEISS light microscopy, ZEISS, imaging

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ZEN-ZEISS Efficient Navigation

Resource ID: SCR_021725

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260806T054732+0000

Ratings and Alerts

No rating or validation information has been found for ZEN-ZEISS Efficient Navigation.

No alerts have been found for ZEN-ZEISS Efficient Navigation.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 139 mentions in open access literature.

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

Murao N, et al. (2025) β -Adrenergic Blockers Increase cAMP and Stimulate Insulin Secretion Through a PKA/RYR2/TRPM5 Pathway in Pancreatic β -Cells In Vitro. Pharmacology research & perspectives, 13(2), e70092.

Murao N, et al. (2025) Pyruvate kinase modulates the link between β -cell fructose metabolism and insulin secretion. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(7), e70500.

Murao N, et al. (2025) Intestinal fructose metabolism triggers a glucagon-like peptide-1- β -cell axis to prevent post-fructose hyperglycaemia. The Journal of physiology, 603(22), 6833.

Boda A, et al. (2025) The Rab7-Epg5 and Rab39-ema modules cooperatively position autophagosomes for efficient lysosomal fusions. eLife, 13.

Tai W, et al. (2024) NG2 glia reprogramming induces robust axonal regeneration after spinal cord injury. iScience, 27(2), 108895.

Serrano C, et al. (2024) Simple and highly specific targeting of resident microglia with adeno-associated virus. iScience, 27(9), 110706.

Jiang L, et al. (2024) RSU-1 regulates the integrity of dense bodies in muscle cells of aging *Caenorhabditis elegans*. iScience, 27(6), 109854.

Cao S, et al. (2024) Shikonin induces the apoptosis and pyroptosis of EGFR-T790M-mutant drug-resistant non-small cell lung cancer cells via the degradation of cyclooxygenase-2. European journal of medical research, 29(1), 611.

Shohayeb B, et al. (2024) BDNF-dependent nano-organization of Neogenin and the WAVE regulatory complex promotes actin remodeling in dendritic spines. iScience, 27(9), 110621.

Yokose J, et al. (2024) Visuotactile integration facilitates mirror-induced self-directed behavior through activation of hippocampal neuronal ensembles in mice. Neuron, 112(2), 306.

Deska-Gauthier D, et al. (2024) Embryonic temporal-spatial delineation of excitatory spinal V3 interneuron diversity. *Cell reports*, 43(1), 113635.

Xiang Y, et al. (2024) Multiple reorganizations of the lateral elements of the synaptonemal complex facilitate homolog segregation in *Bombyx mori* oocytes. *Current biology : CB*, 34(2), 352.

Murao N, et al. (2024) Sildenafil amplifies calcium influx and insulin secretion in pancreatic β cells. *Physiological reports*, 12(11), e16091.

Wei S, et al. (2024) GPR158 in pyramidal neurons mediates social novelty behavior via modulating synaptic transmission in male mice. *Cell reports*, 43(10), 114796.

Peng S, et al. (2024) Dual circuits originating from the ventral hippocampus independently facilitate affective empathy. *Cell reports*, 43(6), 114277.

Rajshekar S, et al. (2023) Affinity hierarchies and amphiphilic proteins underlie the co-assembly of nucleolar and heterochromatin condensates. *bioRxiv : the preprint server for biology*.

Rajshekar S, et al. (2023) Affinity hierarchies and amphiphilic proteins underlie the co-assembly of nucleolar and heterochromatin condensates. *Research square*.

Rodenburg LW, et al. (2023) Protocol for generating airway organoids from 2D air liquid interface-differentiated nasal epithelia for use in a functional CFTR assay. *STAR protocols*, 4(3), 102337.

Liang S, et al. (2023) Differentiation of stem cell-derived pancreatic progenitors into insulin-secreting islet clusters in a multiwell-based static 3D culture system. *Cell reports methods*, 3(5), 100466.

Teo QW, et al. (2023) Usp25-Erlin1/2 activity limits cholesterol flux to restrict virus infection. *Developmental cell*, 58(22), 2495.