

Resource Summary Report

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Olympus cellSens Software

RRID:SCR_014551

Type: Tool

Proper Citation

Olympus cellSens Software (RRID:SCR_014551)

Resource Information

URL: <http://www.olympus-lifescience.com/en/software/cellsens/>

Proper Citation: Olympus cellSens Software (RRID:SCR_014551)

Description: Software suite for image acquisition and analysis. The software can be paired with high-quality cameras to maximize output quality and export it for sharing and research applications.

Synonyms: Olympus CellSens Imaging software, Olympus cellSens Dimension

Resource Type: image acquisition software, data acquisition software, software toolkit, software application, data processing software, image analysis software, software resource

Keywords: image, analysis, record, video, research, optimize, processing, acquisition, camera, Olympus

Availability: Restricted

Resource Name: Olympus cellSens Software

Resource ID: SCR_014551

Alternate IDs: SCR_016238, SCR_018869

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260804T043546+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 Olympus cellSens Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3027 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Lasse Opsahl EL, et al. (2026) Fibroblast STAT3 Activation Drives Organ-Specific Premetastatic Niche Formation. Cancer research, 86(1), 22.

Molè MA, et al. (2026) Modeling human embryo implantation in vitro. Cell, 189(1), 87.

Dunn LN, et al. (2026) Altered hepatic metabolism in Down syndrome. Cell reports, 45(1), 116835.

Parada CM, et al. (2025) Growth-dependent concentration gradient of the oscillating Min system in Escherichia coli. The Journal of cell biology, 224(2).

Chen Y, et al. (2025) Macrophage-derived CTSS drives the age-dependent disruption of the blood-CSF barrier. Neuron, 113(7), 1082.

Liu MC, et al. (2025) Choline transporters are required for oligodendrocyte differentiation and myelin sheath formation in mouse postnatal brain. Cell reports, 44(7), 115852.

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

Bari? A, et al. (2025) Bradykinin Type 2 Receptor Deficiency Reshapes Acute Neuroinflammation and Improves Cell Survival after Ischemic Stroke in Diabetic Mice. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology, 20(1), 107.

Ho C, et al. (2025) CXCL12 Engages Cortical Inhibitory Neurons to Enhance Dendritic Spine Plasticity and Structured Network Activity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(24).

Schaub-Clerigué A, et al. (2025) Secreted spermidine synthase reveals a paracrine role for PGC1?-induced growth suppression in prostate cancer. Cell death & disease, 16(1), 330.

Chatterjee P, et al. (2025) Sex-specific impact of selective reduced uterine placental perfusion model of preeclampsia on fetal cardiac maturation and mitochondrial function.

American journal of physiology. Regulatory, integrative and comparative physiology, 329(3), R474.

Dall'Acqua MN, et al. (2025) A constellation of dysfunctional hybrid phenotypes enforces reproductive isolation between *Caenorhabditis* nematode species. *Evolution; international journal of organic evolution*.

Wang Y, et al. (2025) Integrating reproductive states and social cues in the control of sociosexual behaviors. *Cell*, 188(13), 3530.

Ayabe H, et al. (2025) Cellular crosstalk mediated by TGF- β drives epithelial-mesenchymal transition in patient-derived multi-compartment biliary organoids. *Nature communications*, 16(1), 6575.

Reynaud M, et al. (2025) The multi-level effect of chlorpyrifos during clownfish metamorphosis. *Molecular and cellular endocrinology*, 603, 112535.

Wang Y, et al. (2025) Functional analysis of pathological mutations in DNA topoisomerase 3A. *Cell reports*, 44(6), 115764.

Mahul-Mellier AL, et al. (2025) Differential role of C-terminal truncations on alpha-synuclein pathology and Lewy body formation. *NPJ Parkinson's disease*, 11(1), 261.

Heimes D, et al. (2025) Biofunctionalization of silk fibroin scaffolds with enamel matrix protein and injectable platelet rich fibrin for soft tissue augmentation: an in-ovo study. *International journal of implant dentistry*, 11(1), 13.

Kroll F, et al. (2025) Behavioural pharmacology predicts disrupted signalling pathways and candidate therapeutics from zebrafish mutants of Alzheimer's disease risk genes. *eLife*, 13.

Heltmann-Meyer S, et al. (2025) Biofunctionalization of ADA-GEL Hydrogels Based on the Degree of Cross-Linking and Polymer Concentration Improves Angiogenesis. *Advanced healthcare materials*, 14(11), e2500730.