

Resource Summary Report

Generated by [ASWG](#) on Aug 5, 2026

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 processing software, software resource, software application, image analysis software, software toolkit, data acquisition software

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: 20260805T044330+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](#)

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 [ASWG](#).

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).

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.

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

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.

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

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.

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.

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

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.

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

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*.

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

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).

Derrick CJ, et al. (2025) Zebrafish arterial valve development occurs through direct differentiation of second heart field progenitors. *Cardiovascular research*, 121(1), 157.

Lee HS, et al. (2025) A Novel Strain of *Orientia tsutsugamushi* Detected from Chiggers (Acari: Trombiculidae) on Wild Rodents. *Pathogens (Basel, Switzerland)*, 14(1).

Konishi CT, et al. (2025) Modeling and correction of protein conformational disease in iPSC-derived neurons through personalized base editing. *Molecular therapy. Nucleic acids*, 36(1), 102441.