

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

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: 20260905T132748+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 3045 mentions in open access literature.

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

Güvenir Seven S, et al. (2026) Therapeutic Effects of MOTS-c in the Valproic Acid-Induced Autism Model in Rats: Role of Tetrahydrobiopterin and Brain-Derived Neurotrophic Factor. *Molecular neurobiology*, 63(1), 453.

Paulson SG, et al. (2026) The Arp2/3 complex is required for in situ haptotactic response of microglia to iC3b. *EMBO reports*, 27(7), 1666.

Yoshimoto D, et al. (2026) Downregulation of HLA Class I Expression through HLA-A DNA Methylation Is Associated with Reduced CD8+ T-cell Infiltration in Cervical Cancer. *Cancer immunology research*, 14(1), 77.

Bischoff AC, et al. (2026) Wilms Tumor 1-Expressing Stromal Cells Promote Pancreatic Cancer Progression. *Cancer research*, 86(2), 331.

Fukumura K, et al. (2026) Ionizing Radiation Enhances Prognostically Significant Cellular Immunity Programs in the Brain Metastasis Microenvironment. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(11), 2305.

Furukawa S, et al. (2026) Posterior shift of Shh-Fgf signaling in axolotl limb regeneration drives sequential digit formation. *iScience*, 29(6), 116256.

Christenson JL, et al. (2026) Metastasis-Associated Wound Repair Promotes Reciprocal Lung Epithelium Activation and Breast Cancer Metastatic Outgrowth. *Cancer research communications*, 6(4), 750.

Buckley KH, et al. (2026) Gastric Epithelium from BRCA1 and BRCA2 Carriers Harbors Increased Double-Stranded DNA Damage and Enhanced Growth Potential. *Molecular cancer research : MCR*, 24(7), 589.

Tsymala I, et al. (2026) Innate lymphoid cells integrate sensing and plasticity to control fungal infections. *Cell reports*, 45(4), 117140.

Körner J, et al. (2026) Molecular architecture of human dermal sleeping nociceptors. *Cell*, 189(6), 1820.

Dabrosin N, et al. (2026) Systemic testosterone induces structural, immunological, and sex steroid receptor changes in human XX skin. *Scientific reports*, 16(1).

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

Li M, et al. (2026) Mechanotransducer Piezo1 drives ventilator-induced lung injury in lung epithelial cells via the calcineurin/NFATc3 pathway. *Molecular medicine reports*, 33(6).

Hachey JS, et al. (2026) Exploring the 89Zr/177Lu Theranostic Pairing with an Extracellular Matrix-Targeted Radiopharmaceutical against Triple-Negative Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(7), 1337.

Yi-Dan Zhu D, et al. (2026) Naturally self-reactive B cells are poised to cross the selection barrier into autoimmune germinal centers. *Cell reports*, 45(4), 117224.

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

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

Jordan P, et al. (2026) The hepatitis E virus capsid protein forms amyloid-like fibrils that sequester TANK-binding kinase 1 to dampen antiviral responses. *Cell reports*, 45(6), 117513.

Reimann GR, et al. (2025) PIKI-1, a class II phosphatidylinositol 3-kinase, functions in endocytic trafficking. *bioRxiv : the preprint server for biology*.

Wang Y, et al. (2025) AP2A1 activates Rab7 to promote axonal autophagosome transport and slow the progression of Alzheimer's disease. *Alzheimer's research & therapy*, 17(1), 132.