Resource Summary Report

Generated by dkNET on May 23, 2025

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

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

Funding:

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: 20250523T055032+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 2898 mentions in open access literature.

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

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

Yun S, et al. (2025) The longitudinal behavioral effects of acute exposure to galactic cosmic radiation in female C57BL/6J mice: Implications for deep space missions, female crews, and potential antioxidant countermeasures. Journal of neurochemistry, 169(1), e16225.

Yang L, et al. (2025) A tunable human intestinal organoid system achieves controlled balance between self-renewal and differentiation. Nature communications, 16(1), 315.

Özen I, et al. (2025) Traumatic brain injury causes early aggregation of beta-amyloid peptides and NOTCH3 reduction in vascular smooth muscle cells of leptomeningeal arteries. Acta neuropathologica, 149(1), 10.

Shanto PC, et al. (2025) 3D bio-printed proteinaceous bioactive scaffold loaded with dual growth factor enhanced chondrogenesis and in situ cartilage regeneration. Bioactive materials, 46, 365.

Wang K, et al. (2025) Exploring the Role of Ccn3 in Type III Cell of Mice Taste Buds. Journal of neurochemistry, 169(1), e16291.

Floor E, et al. (2025) Development of a Caco-2-based intestinal mucosal model to study intestinal barrier properties and bacteria-mucus interactions. Gut microbes, 17(1), 2434685.

Römpp A, et al. (2025) The clinical-stage drug BTZ-043 accumulates in murine tuberculosis lesions and efficiently acts against Mycobacterium tuberculosis. Nature communications, 16(1), 826.

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.

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

Bach ML, et al. (2025) ACE2 and TMPRSS2 in human kidney tissue and urine extracellular vesicles with age, sex, and COVID-19. Pflugers Archiv : European journal of physiology, 477(1), 83.

Kempthorne L, et al. (2025) Dual-targeting CRISPR-CasRx reduces C9orf72 ALS/FTD sense and antisense repeat RNAs in vitro and in vivo. Nature communications, 16(1), 459.

D'Halluin A, et al. (2025) An IS element-driven antisense RNA attenuates the expression of serotype 2 fimbriae and the cytotoxicity of Bordetella pertussis. Emerging microbes & infections, 14(1), 2451718.

Negishi K, et al. (2025) Elaborating the connections of a closed-loop forebrain circuit in the rat: Circumscribed evidence for novel topography within a cortico-striato-pallidal triple descending projection, with thalamic feedback, to the anterior lateral hypothalamic area. bioRxiv : the preprint server for biology.

Wright SS, et al. (2025) Transplantation of gasdermin pores by extracellular vesicles propagates pyroptosis to bystander cells. Cell, 188(2), 280.

Liu X, et al. (2025) Tubular MYDGF Slows Progression of Chronic Kidney Disease by Maintaining Mitochondrial Homeostasis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(3), e2409756.

Keiffer TR, et al. (2025) HPV16 entry requires dynein for minus-end transport and utilizes kinesin Kif11 for plus-end transport along microtubules during mitosis. Journal of virology, 99(1), e0093724.

Zheng G, et al. (2025) Spatial and Single-Cell Transcriptomics Unraveled Spatial Evolution of Papillary Thyroid Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(2), e2404491.

Knoche M, et al. (2025) Cracking susceptibility of full-sibs of a cross of a cracking tolerant and cracking susceptible sweet cherry: Relation to cuticle characteristics, microcracking and calcium. PloS one, 20(1), e0316637.

Raj Murthi S, et al. (2025) Contribution of hypoxia-inducible factor 1alpha to pathogenesis of sarcomeric hypertrophic cardiomyopathy. Scientific reports, 15(1), 2132.