

Resource Summary Report

Generated by [dkNET](#) on May 21, 2025

Leica Application Suite X

RRID:SCR_013673

Type: Tool

Proper Citation

Leica Application Suite X (RRID:SCR_013673)

Resource Information

URL: <https://www.leica-microsystems.com/products/microscope-software/details/product/leica-las-x-ls/>

Proper Citation: Leica Application Suite X (RRID:SCR_013673)

Description: Software for image capture, processing and analysis with Leica fluorescence and confocal microscopes.

Abbreviations: LAS X

Synonyms: Leica LAS, Leica LAS AF Image Acquisition Software, Leica Application Suite X, Leica Application Suite X (LAS X), Leica LAS X Life Science Microscope Software, Leica LAS X LS, LASX, Leica LAS X Life Science software, LAS X

Resource Type: resource

Keywords: confocal, image, analysis, leica, microscope, microbiology

Funding:

Availability: Commercially available

Resource Name: Leica Application Suite X

Resource ID: SCR_013673

Old URLs: <http://www.leica-microsystems.com/products/microscope-software/software-for-life-science-research/las-easy-and-efficient/>

License: Commercial license

Record Creation Time: 20220129T080317+0000

Record Last Update: 20250519T203815+0000

Ratings and Alerts

No rating or validation information has been found for Leica Application Suite X.

No alerts have been found for Leica Application Suite X.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 425 mentions in open access literature.

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

Xu H, et al. (2025) The isoflavone puerarin promotes generation of human iPSC-derived pre-oligodendrocytes and enhances endogenous remyelination in rodent models. *Journal of neurochemistry*, 169(1), e16245.

Yeo SH, et al. (2025) Shifting GnRH Neuron Ensembles Underlie Successive Preovulatory Luteinizing Hormone Surges. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(3).

Allman A, et al. (2025) Splenic fibroblasts control marginal zone B cell movement and function via two distinct Notch2-dependent regulatory programs. *Immunity*, 58(1), 143.

Contreras E, et al. (2024) Flp-recombinase mouse line for genetic manipulation of ipRGCs. *bioRxiv : the preprint server for biology*.

Paul Chowdhuri S, et al. (2024) TDP1 phosphorylation by CDK1 in mitosis promotes MUS81-dependent repair of trapped Top1-DNA covalent complexes. *The EMBO journal*, 43(17), 3710.

Yu X, et al. (2024) Heparan sulfate-dependent phase separation of CCL5 and its chemotactic activity. *eLife*, 13.

Adriaenssens E, et al. (2024) Control of mitophagy initiation and progression by the TBK1 adaptors NAP1 and SINTBAD. *Nature structural & molecular biology*.

Colucci M, et al. (2024) Retinoic acid receptor activation reprograms senescence response and enhances anti-tumor activity of natural killer cells. *Cancer cell*.

Pisterzi P, et al. (2024) Spatial analysis of transcript and protein levels in skeletal muscle. *STAR protocols*, 5(4), 103378.

Balcioglu O, et al. (2024) Mcam stabilizes a luminal progenitor-like breast cancer cell state via Ck2 control and Src/Akt/Stat3 attenuation. *NPJ breast cancer*, 10(1), 80.

Luciani M, et al. (2024) Human iPSC-derived neural stem cells displaying radial glia signature exhibit long-term safety in mice. *Nature communications*, 15(1), 9433.

Baum P, et al. (2024) Activity dependent modulation of glial gap junction coupling in the thalamus. *iScience*, 27(10), 111043.

Holota R, et al. (2024) Cleaved caspase-3 is present in the majority of glial cells in the intact rat spinal cord during postnatal life. *Histochemistry and cell biology*, 161(3), 269.

Debsharma S, et al. (2024) NSAID targets SIRT3 to trigger mitochondrial dysfunction and gastric cancer cell death. *iScience*, 27(4), 109384.

Cottrell KA, et al. (2024) Induction of Viral Mimicry Upon Loss of DHX9 and ADAR1 in Breast Cancer Cells. *Cancer research communications*, 4(4), 986.

Cheng J, et al. (2024) Myeloid cells coordinately induce glioma cell-intrinsic and cell-extrinsic pathways for chemoresistance via GP130 signaling. *Cell reports. Medicine*, 5(8), 101658.

Köpke K, et al. (2024) Protocol for quantifying xenografted human cancer cells in zebrafish larvae using Cellpose. *STAR protocols*, 5(4), 103479.

Liao X, et al. (2024) Myosin-dependent short actin filaments contribute to peripheral widening in developing stereocilia. *Research square*.

Tignard P, et al. (2024) Basement membranes are crucial for proper olfactory placode shape, position and boundary with the brain, and for olfactory axon development. *eLife*, 12.

Barros C, et al. (2024) Microglia and Immune cells interactions in multiple sclerosis cognitive impairment: a postmortem study. *Journal of neuroinflammation*, 21(1), 332.