

Resource Summary Report

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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

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: 20260725T190754+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 526 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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

Splichal I, et al. (2026) Effects of Defined Pig Microbiota on Acute Salmonellosis in Gnotobiotic Piglets. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(1), e71401.

Lupton CJ, et al. (2026) Structure of the lysosomal KICSTOR-GATOR1-SAMTOR nutrient-sensing supercomplex. *Cell*.

Casanova-Pagola J, et al. (2026) Early-life cognitive intervention preserves brain function in aged TgF344-AD rats with sex-specific effects. *iScience*, 29(1), 114381.

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

Fischer S, et al. (2026) Loss of ADAMTS9 disrupts ciliogenesis and collagen homeostasis resulting in Nephronophthisis-like polycystic kidneys. *bioRxiv : the preprint server for biology*.

Liu J, et al. (2026) FERONIA kinase and PP2A antagonistically regulate salt tolerance in *Arabidopsis*. *Current biology : CB*, 36(2), 370.

Hill RZ, et al. (2026) Renal PIEZO2 is an essential regulator of renin. *Cell*, 189(1), 161.

Wipf IJ, et al. (2026) ATGL-mediated lipid droplet lipolysis promotes collective migration in *Drosophila*. *bioRxiv : the preprint server for biology*.

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.

Costa AC, et al. (2025) Axon-specific microtubule regulation drives asymmetric regeneration of sensory neuron axons. *eLife*, 13.

Bleve A, et al. (2025) ROR? Bridges Cancer-Driven Lipid Dysmetabolism and Myeloid Immunosuppression. *Cancer discovery*, 15(7), 1505.

Tsakiri D, et al. (2025) Subcellular targets and recognition mechanism of *Ralstonia solanacearum* effector RipE1. *iScience*, 28(5), 112307.

Dehghanian P, et al. (2025) Protocol to study the contribution of tendon lineage in the development of mouse temporomandibular joint condylar cartilage using 3D visualization. *STAR protocols*, 6(3), 103933.

Liao X, et al. (2025) Myosin-dependent short actin filaments contribute to peripheral widening in developing stereocilia. *Nature communications*, 16(1), 5835.

Rodriguez Salazar MP, et al. (2025) Mitochondrial fission controls astrocyte morphogenesis and organization in the cortex. *The Journal of cell biology*, 224(10).

Mondal K, et al. (2025) Intranasal delivery of DPSC-derived small extracellular vesicles-encased phloroglucinol attenuates non-motor and motor deficits and promotes neurogenesis in an in vivo rat model of Parkinson's disease. *Stem cell research & therapy*, 16(1), 570.

Yi E, et al. (2025) Selective Depletion of Cancer Cells with Extrachromosomal DNA via Lentiviral Infection. *Cancer research communications*, 5(8), 1458.

Khadim A, et al. (2025) Protocol for the generation and immunostaining of thick murine lung tissue slices. *STAR protocols*, 6(3), 104034.

Cai S, et al. (2025) Phase transition of WTAP regulates m6A modification of interferon-stimulated genes. *eLife*, 13.