

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 19, 2026

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: 20260919T195246+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 579 mentions in open access literature.

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

Tao Y, et al. (2026) TENT5A Maintains MYC mRNA Stability to Enhance Osteosarcoma Stemness. Cancer research, 86(9), 2161.

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

Rac A, et al. (2026) Regulation of reticular adhesions by KANK2 and talin2 in two melanoma cell lines. Cell communication and signaling : CCS, 24(1).

Davi V, et al. (2026) Endoplasmic Reticulum Geometry Dictates Neuronal Bursting via Calcium Store Refill Rates and Exposes Selective Neuronal Vulnerability. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(36), e21101.

Guzman AR, et al. (2026) Protocol for characterization of spatiotemporal network dynamics in cortical and hippocampal assembloids. STAR protocols, 7(2), 104463.

Kendra JA, et al. (2026) A Borophosphate Glass Doped with Cobalt Oxide Improves Skeletal Muscle Structure and Function in Myopathic Mice. Journal of functional biomaterials, 17(3).

Bibi A, et al. (2026) Boron-Doped Carbon Dots for Organelle Labeling and Mitochondrial Bioimaging. Methods and protocols, 9(3).

Kremer C, et al. (2026) Sympathetic innervation of human cervical lymph nodes: A potential neuroimmunomodulatory target for the treatment of T-cell-driven autoimmune diseases like MS? Journal of anatomy, 248(3), 439.

Krantz S, et al. (2026) Dissection of G??s and Hedgehog Signaling Cross-talk Reveals Therapeutic Opportunities to Target Hedgehog-Dependent Tumors. Cancer research, 86(4), 940.

Park DH, et al. (2026) Proteolytic cleavage of G3BP1 by calpain 1 couples NMDAR activation to mTOR-dependent local translation. EMBO reports, 27(10), 2749.

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. Cell reports methods, 6(6),

101425.

Boyle BR, et al. (2026) Protocol for inducing focal striatal stroke in mice using photothrombosis. STAR protocols, 7(2), 104487.

Bompard A, et al. (2026) Protocol for proximity ligation assay combined with immunolabeling of paraffin-embedded lung tissue in a porcine model. STAR protocols, 7(2), 104559.

Ziegler Y, et al. (2026) JAK/STAT1-interferon-ISGylation networks in breast cancer resistance to inhibitors of FOXM1 and CDK4/6. NPJ breast cancer, 12(1).

Roussel P, et al. (2026) In vivo autofluorescence lifetime imaging of spatial metabolic heterogeneities and learning-induced changes in the Drosophila mushroom body. eLife, 14.

Calescibetta A, et al. (2026) Combining lenalidomide with IL-2 family of cytokines enhances activating receptor and perforin/granzyme expression in NK cells. PloS one, 21(3), e0344471.

Guha Majumdar A, et al. (2026) A CHK1-mediated phosphorylation switch suppresses human Topoisomerase 1-associated genomic instability. The EMBO journal, 45(12), 4220.

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.

Yoshida Y, et al. (2026) PD-1 suppresses CAR signaling by forming the inhibitory signalosome colocalizing to CAR microclusters. Communications biology, 9(1), 135.