

Resource Summary Report

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BioImageXD

RRID:SCR_023979

Type: Tool

Proper Citation

BioImageXD (RRID:SCR_023979)

Resource Information

URL: <http://www.bioimagexd.net/>

Proper Citation: BioImageXD (RRID:SCR_023979)

Description: Software package for analyzing, processing and visualizing multi-dimensional microscopy images. Multipurpose postprocessing tool for bioimaging. Can be used for simple visualization of multi-channel temporal image stacks to complex 3D rendering of multiple channels at once.

Synonyms: bioimagexd

Resource Type: software resource, software toolkit

Keywords: post-processing tool, bioimaging, visualization, multi-channel temporal image stacks, 3D rendering of multiple channels at once,

Availability: Free, Available for download, Freely available

Resource Name: BioImageXD

Resource ID: SCR_023979

Old URLs: <https://sources.debian.org/src/bioimagexd/>

License: GNU GPLv2

Record Creation Time: 20230824T050211+0000

Record Last Update: 20260919T195617+0000

Ratings and Alerts

No rating or validation information has been found for BioImageXD.

No alerts have been found for BioImageXD.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Laajala M, et al. (2023) Vemurafenib Inhibits Acute and Chronic Enterovirus Infection by Affecting Cellular Kinase Phosphatidylinositol 4-Kinase Type III?. *Microbiology spectrum*, 11(4), e0055223.

Reschke M, et al. (2022) A digital pathology tool for quantification of color features in histologic specimens. *Bioengineering & translational medicine*, 7(1), e10242.

Halder A, et al. (2020) Activation of TNFR1 and TLR4 following oxygen glucose deprivation promotes mitochondrial fission in C6 astroglial cells. *Cellular signalling*, 75, 109714.

Lopes PH, et al. (2020) Sphingomyelinases D From *Loxosceles* Spider Venoms and Cell Membranes: Action on Lipid Rafts and Activation of Endogenous Metalloproteinases. *Frontiers in pharmacology*, 11, 636.

Giménez RE, et al. (2019) Lectin-Recognizable MOF Glyconanoparticles: Supramolecular Glycosylation of ZIF-8 Nanocrystals by Sugar-Based Surfactants. *ACS omega*, 4(1), 842.

Shah D, et al. (2019) Modeling of LMNA-Related Dilated Cardiomyopathy Using Human Induced Pluripotent Stem Cells. *Cells*, 8(6).

Krause M, et al. (2018) Exosomes as secondary inductive signals involved in kidney organogenesis. *Journal of extracellular vesicles*, 7(1), 1422675.

Da Ros M, et al. (2017) FYCO1 and autophagy control the integrity of the haploid male germ cell-specific RNP granules. *Autophagy*, 13(2), 302.

Yang SH, et al. (2017) Roles of fluid shear stress and retinoic acid in the differentiation of primary cultured human podocytes. *Experimental cell research*, 354(1), 48.

Pajari AM, et al. (2016) Ellagitannin-rich cloudberry inhibits hepatocyte growth factor induced cell migration and phosphatidylinositol 3-kinase/AKT activation in colon carcinoma cells and tumors in Min mice. *Oncotarget*, 7(28), 43907.

Merilahti P, et al. (2016) Human Parechovirus 1 Infection Occurs via $\alpha 5 \beta 1$ Integrin. *PloS one*, 11(4), e0154769.

Heikkilä O, et al. (2016) Integrins are not essential for entry of coxsackievirus A9 into SW480 human colon adenocarcinoma cells. *Virology journal*, 13(1), 171.

Einarsson E, et al. (2016) Comparative Cell Biology and Evolution of Annexins in Diplomonads. *mSphere*, 1(2).

Nykky J, et al. (2014) Role of mitochondria in parvovirus pathology. *PloS one*, 9(1), e86124.

Cisneros IE, et al. (2014) Methamphetamine and HIV-1-induced neurotoxicity: role of trace amine associated receptor 1 cAMP signaling in astrocytes. *Neuropharmacology*, 85, 499.

Paavolainen L, et al. (2014) Compensation of missing wedge effects with sequential statistical reconstruction in electron tomography. *PloS one*, 9(10), e108978.

Dolz-Gaitón P, et al. (2013) Functional characterization of a novel frameshift mutation in the C-terminus of the Nav1.5 channel underlying a Brugada syndrome with variable expression in a Spanish family. *PloS one*, 8(11), e81493.

Hämälistö S, et al. (2013) A ZO-1/?5?1-integrin complex regulates cytokinesis downstream of PKC? in NCI-H460 cells plated on fibronectin. *PloS one*, 8(8), e70696.

Thammasri K, et al. (2013) Human parvovirus B19 induced apoptotic bodies contain altered self-antigens that are phagocytosed by antigen presenting cells. *PloS one*, 8(6), e67179.

Wu X, et al. (2013) ADC measurements in diffuse large B-cell lymphoma and follicular lymphoma: a DWI and cellularity study. *European journal of radiology*, 82(4), e158.