

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: 20260912T200113+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 [SPARC SAWG](#) .

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.

Mueller BH, et al. (2013) Sigma-1 receptor stimulation attenuates calcium influx through activated L-type Voltage Gated Calcium Channels in purified retinal ganglion cells. *Experimental eye research*, 107, 21.