

Resource Summary Report

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MetaXpress

RRID:SCR_016654

Type: Tool

Proper Citation

MetaXpress (RRID:SCR_016654)

Resource Information

URL: <https://www.moleculardevices.com/products/cellular-imaging-systems/acquisition-and-analysis-software/metaxpress>

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Description: Software tool for multi level analysis of applications optimized for ImageXpress instruments. High-content image analysis software featuring time lapse analysis. Used for 2D and 3D imaging.

Resource Type: image analysis software, data acquisition software, software resource, image acquisition software, software application, data processing software

Keywords: Molecular Devices, ImageXpress, high, content, image, analysis, acquisition, time, lapse, 2D, 3D, cellular, imaging

Funding:

Availability: Commercially available

Resource Name: MetaXpress

Resource ID: SCR_016654

Record Creation Time: 20220129T080331+0000

Record Last Update: 20250522T061052+0000

Ratings and Alerts

No rating or validation information has been found for MetaXpress.

No alerts have been found for MetaXpress.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 572 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Craciun BF, et al. (2025) Enhancing Flucytosine Anticandidal Activity Using PEGylated Squalene Nanocarrier. ChemMedChem, 20(1), e202400432.

Lin KC, et al. (2025) Inhalable Mucociliary-On-Chip System Revealing Pulmonary Clearance Dynamics in Nanodrug Delivery. ACS nano, 19(2), 2228.

Yang L, et al. (2025) (-)-Epigallocatechin-3-Gallate and Quercetin Inhibit Quiescin Sulfhydryl Oxidase 1 Secretion from Hepatocellular Carcinoma Cells. Antioxidants (Basel, Switzerland), 14(1).

Kuo CY, et al. (2025) The protective effects of liraglutide in reducing lipid droplets accumulation and myocardial fibrosis in diabetic cardiomyopathy. Cellular and molecular life sciences : CMLS, 82(1), 39.

Kristó I, et al. (2024) Moesin contributes to heat shock gene response through direct binding to the Med15 subunit of the Mediator complex in the nucleus. Open biology, 14(10), 240110.

Hsu HC, et al. (2024) LncRNA Litchi is a regulator for harmonizing maturity and resilient functionality in spinal motor neurons. iScience, 27(3), 109207.

Gorgo S, et al. (2024) A Drug Discovery Pipeline for MAPK/ERK Pathway Inhibitors in Caenorhabditis elegans. Cancer research communications, 4(9), 2454.

Stueckle TA, et al. (2024) In vitro inflammation and toxicity assessment of pre- and post-incinerated organomodified nanoclays to macrophages using high-throughput screening approaches. Particle and fibre toxicology, 21(1), 16.

Tlhapi D, et al. (2024) Molecular Networking-Based Metabolome, In Vitro Antidiabetic and Anti-Inflammatory Effects of Breonadia salicina (Vahl) Hepper & J.R.I. Wood. Metabolites, 14(6).

Buckenmeyer MJ, et al. (2024) Engineering Tumor Stroma Morphogenesis Using Dynamic Cell-Matrix Spheroid Assembly. *bioRxiv : the preprint server for biology*.

Fitzpatrick PA, et al. (2024) A novel in vitro high-content imaging assay for the prediction of drug-induced lung toxicity. *Archives of toxicology*, 98(9), 2985.

Saffari A, et al. (2024) High-content screening identifies a small molecule that restores AP-4-dependent protein trafficking in neuronal models of AP-4-associated hereditary spastic paraplegia. *Nature communications*, 15(1), 584.

Andreyev AY, et al. (2024) Metabolic Bypass Rescues Aberrant S-nitrosylation-Induced TCA Cycle Inhibition and Synapse Loss in Alzheimer's Disease Human Neurons. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(12), e2306469.

Sofia RD, et al. (2024) Antineoplastic activity of GP-2250 in-vitro and in mouse xenograft models. *Anti-cancer drugs*, 35(2), 183.

Bachus S, et al. (2024) ARGLU1 enhances promoter-proximal pausing of RNA polymerase II and stimulates DNA damage repair. *Nucleic acids research*, 52(10), 5658.

Erkoc P, et al. (2024) Determining the pharmacological potential and biological role of linear pseudoscorpion toxins via functional profiling. *iScience*, 27(7), 110209.

Wu S, et al. (2024) Developmental neurotoxicity of PFOA exposure on hiPSC-derived cortical neurons. *Environment international*, 190, 108914.

Nkemzi AQ, et al. (2024) Antidiabetic, anti-inflammatory, antioxidant, and cytotoxicity potentials of green-synthesized zinc oxide nanoparticles using the aqueous extract of *Helichrysum cymosum*. *3 Biotech*, 14(12), 291.

Marshall-Burghardt S, et al. (2024) Excitable Rho dynamics control cell shape and motility by sequentially activating ERM proteins and actomyosin contractility. *Science advances*, 10(36), eadn6858.

Menegollo M, et al. (2024) Multistate Gene Cluster Switches Determine the Adaptive Mitochondrial and Metabolic Landscape of Breast Cancer. *Cancer research*, 84(17), 2911.