

# Resource Summary Report

Generated by [dkNET](#) on May 6, 2025

## MetaXpress

RRID:SCR\_016654

Type: Tool

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### Proper Citation

MetaXpress (RRID:SCR\_016654)

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### Resource Information

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

**Proper Citation:** MetaXpress (RRID:SCR\_016654)

**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:** data acquisition software, image acquisition software, image analysis software, software resource, 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:** 20250506T061531+0000

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### Ratings and Alerts

No rating or validation information has been found for MetaXpress.

No alerts have been found for MetaXpress.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 572 mentions in open access literature.

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

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.

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

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.

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

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

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.

Lin CN, et al. (2024) Adipocyte pyroptosis occurs in omental tumor microenvironment and is associated with chemoresistance of ovarian cancer. *Journal of biomedical science*, 31(1), 62.