Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2024

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

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

Availability: Commercially available

Resource Name: MetaXpress

Resource ID: SCR_016654

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 537 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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.

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

Prajapat SK, et al. (2024) Methotrimeprazine is a neuroprotective antiviral in JEV infection via adaptive ER stress and autophagy. EMBO molecular medicine, 16(1), 185.

Tran AT, et al. (2024) Cytoplasmic accumulation and plasma membrane association of anillin and Ect2 promote confined migration and invasion. Research square.

Whitaker EE, et al. (2024) Expression of MHC II in DRG neurons attenuates paclitaxel-induced cold hypersensitivity in male and female mice. PloS one, 19(2), e0298396.

Huntington KE, et al. (2023) GSK-3 Inhibitor Elraglusib Enhances Tumor-Infiltrating Immune Cell Activation in Tumor Biopsies and Synergizes with Anti-PD-L1 in a Murine Model of Colorectal Cancer. International journal of molecular sciences, 24(13).

Winden KD, et al. (2023) Increased degradation of FMRP contributes to neuronal hyperexcitability in tuberous sclerosis complex. Cell reports, 42(8), 112838.

Huntington KE, et al. (2023) GSK-3 inhibitor elraglusib enhances tumor-infiltrating immune cell activation in tumor biopsies and synergizes with anti-PD-L1 in a murine model of colorectal cancer. bioRxiv: the preprint server for biology.

Shi Y, et al. (2023) An arrayed CRISPR knockout screen identifies genetic regulators of GLUT1 expression. Scientific reports, 13(1), 21038.

Freeman DB, et al. (2023) Discovery of KB-0742, a Potent, Selective, Orally Bioavailable Small Molecule Inhibitor of CDK9 for MYC-Dependent Cancers. Journal of medicinal chemistry, 66(23), 15629.

Thoudam T, et al. (2023) Enhanced Ca2+-channeling complex formation at the ER-mitochondria interface underlies the pathogenesis of alcohol-associated liver disease. Nature

communications, 14(1), 1703.

Xie J, et al. (2023) Developmental Pb exposure increases AD risk via altered intracellular Ca2+ homeostasis in hiPSC-derived cortical neurons. The Journal of biological chemistry, 299(8), 105023.

Zeng C, et al. (2023) Targeting the Lysosomal Degradation of Rab22a-NeoF1 Fusion Protein for Osteosarcoma Lung Metastasis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 10(5), e2205483.

Nair NU, et al. (2023) A landscape of response to drug combinations in non-small cell lung cancer. Nature communications, 14(1), 3830.

Weng KF, et al. (2023) Variant enterovirus A71 found in immune-suppressed patient binds to heparan sulfate and exhibits neurotropism in B-cell-depleted mice. Cell reports, 42(4), 112389.

Fischbach A, et al. (2023) Artificial Hsp104-mediated systems for re-localizing protein aggregates. Nature communications, 14(1), 2663.

Graham RE, et al. (2023) A cautionary note on the use of N-acetylcysteine as a reactive oxygen species antagonist to assess copper mediated cell death. PloS one, 18(12), e0294297.

Cortina ME, et al. (2023) Homologues of the Chlamydia trachomatis and Chlamydia muridarum Inclusion Membrane Protein IncS Are Interchangeable for Early Development but Not for Inclusion Stability in the Late Developmental Cycle. mSphere, 8(2), e0000323.

Cotter L, et al. (2023) Split luciferase-based assay to detect botulinum neurotoxins using hiPSC-derived motor neurons. Communications biology, 6(1), 122.