Resource Summary Report

Generated by NIF on May 28, 2025

Pipeline Pilot

RRID:SCR_014917
Type: Tool

Proper Citation

Pipeline Pilot (RRID:SCR_014917)

Resource Information

URL: http://accelrys.com/products/collaborative-science/biovia-pipeline-pilot/

Proper Citation: Pipeline Pilot (RRID:SCR_014917)

Description: Software used to automate the process of accessing, analyzing and reporting scientific data. This software can be used by a person with little or no software development experience can create scientific protocols that can be executed through a variety of interfaces including: BIOVIA Web Port, other BIOVIA solutions such as BIOVIA Electronic Lab Notebook, Isentris, Chemical Registration and third-party applications such as Microsoft SharePoint. The protocols aggregate and provide immediate access to volumes of research data, they automate the scientific analysis of data and allow researchers to explore, visualize and report results.

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

Keywords: automation, accessing, analysis, analyzing, scientific data, aggregation. aggregate, research, scientific

Funding:

Availability: Commercial

Resource Name: Pipeline Pilot

Resource ID: SCR_014917

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250528T061211+0000

Ratings and Alerts

No rating or validation information has been found for Pipeline Pilot.

No alerts have been found for Pipeline Pilot.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 340 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Dvorak NM, et al. (2025) Enhanced motivated behavior mediated by pharmacological targeting of the FGF14/Nav1.6?complex in nucleus accumbens neurons. Nature communications, 16(1), 110.

McSwiggen DT, et al. (2025) A high-throughput platform for single-molecule tracking identifies drug interaction and cellular mechanisms. eLife, 12.

Robinson SD, et al. (2024) Peptide toxins that target vertebrate voltage-gated sodium channels underly the painful stings of harvester ants. The Journal of biological chemistry, 300(1), 105577.

Akabane T, et al. (2024) THOUSAND-GRAIN WEIGHT 6, which is an IAA-glucose hydrolase, preferentially recognizes the structure of the indole ring. Scientific reports, 14(1), 6778.

Shen L, et al. (2024) Pocket Crafter: a 3D generative modeling based workflow for the rapid generation of hit molecules in drug discovery. Journal of cheminformatics, 16(1), 33.

Powell RT, et al. (2024) Targeting neddylation and sumoylation in chemoresistant triple negative breast cancer. NPJ breast cancer, 10(1), 37.

Tu HJ, et al. (2024) Discovering a novel dual specificity tyrosine-phosphorylation-regulated kinase 1A (DYRK1A) inhibitor and its impact on tau phosphorylation and amyloid-? formation. Journal of enzyme inhibition and medicinal chemistry, 39(1), 2418470.

Meyniel-Schicklin L, et al. (2024) Viruses traverse the human proteome through peptide interfaces that can be biomimetically leveraged for drug discovery. Proceedings of the National Academy of Sciences of the United States of America, 121(5), e2308776121.

Stossi F, et al. (2024) SPACe: an open-source, single-cell analysis of Cell Painting data. Nature communications, 15(1), 10170.

Rezaei Adariani S, et al. (2024) Detection of a Mitochondrial Fragmentation and Integrated Stress Response Using the Cell Painting Assay. Journal of medicinal chemistry, 67(15), 13252.

Bolt MJ, et al. (2024) Characterization of flavonoids with potent and subtype-selective actions on estrogen receptors alpha and beta. iScience, 27(3), 109275.

An Y, et al. (2024) In silico fragment-based discovery of CIB1-directed anti-tumor agents by FRASE-bot. Nature communications, 15(1), 5564.

Trepte P, et al. (2024) AI-guided pipeline for protein-protein interaction drug discovery identifies a SARS-CoV-2 inhibitor. Molecular systems biology, 20(4), 428.

Jensen G, et al. (2024) Modeling immune checkpoint inhibitor associated myocarditis in vitro and its therapeutic implications. Journal of molecular and cellular cardiology plus, 10.

Ghosh S, et al. (2023) Vincristine Enhances the Efficacy of MEK Inhibitors in Preclinical Models of KRAS-mutant Colorectal Cancer. Molecular cancer therapeutics, 22(8), 962.

Vinogradova EE, et al. (2023) Synthesis and Evaluation on the Fungicidal Activity of S-Alkyl Substituted Thioglycolurils. International journal of molecular sciences, 24(6).

Salimova EV, et al. (2023) 3-Amino-Substituted Analogues of Fusidic Acid as Membrane-Active Antibacterial Compounds. Membranes, 13(3).

Huang M, et al. (2023) In Silico Prediction of Metabolic Reaction Catalyzed by Human Aldehyde Oxidase. Metabolites, 13(3).

Trepte P, et al. (2023) AI-guided pipeline for protein-protein interaction drug discovery identifies a SARS-CoV-2 inhibitor. bioRxiv : the preprint server for biology.

Horgan MJ, et al. (2023) Identification of Novel ?-Tubulin Inhibitors Using a Combined In Silico/In Vitro Approach. Journal of chemical information and modeling, 63(20), 6396.