

Resource Summary Report

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Openlab

RRID:SCR_012158

Type: Tool

Proper Citation

Openlab (RRID:SCR_012158)

Resource Information

URL: <http://www.perkinelmer.com/pages/020/cellularimaging/products/openlab.shtml>

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Description: A software package for performing 2D microscope image processing and integrating and controlling a diverse array of instrumentation in a laboratory environment. The software suite has four basic areas of operation acquisition, image presentation, and storage, analysis, and automation.

Abbreviations: Openlab

Resource Type: commercial organization, software resource

Keywords: fluorescence imaging, cell biology

Funding:

Resource Name: Openlab

Resource ID: SCR_012158

Alternate IDs: rid_000096

Record Creation Time: 20220129T080308+0000

Record Last Update: 20250420T020014+0000

Ratings and Alerts

No rating or validation information has been found for Openlab.

No alerts have been found for Openlab.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1119 mentions in open access literature.

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

Zissi L, et al. (2025) Natural Deep Eutectic Solvents as Green Alternatives for Extracting Bioactive Compounds from Sideritis Taxa with Potential Cosmetic Applications. Antioxidants (Basel, Switzerland), 14(1).

Köster P, et al. (2025) A bi-kinase module sensitizes and potentiates plant immune signaling. Science advances, 11(4), eadt9804.

Vázquez A, et al. (2025) Development of a Combined 2D-MGD TLC/HPTLC Method for the Separation of Terpinen-4-ol and γ -Terpineol from Tea Tree, Melaleuca alternifolia, Essential Oil. Biomolecules, 15(1).

De Caro V, et al. (2025) Hybrid Nanocomposite Mini-Tablet to Be Applied into the Post-Extraction Socket: Matching the Potentialities of Resveratrol-Loaded Lipid Nanoparticles and Hydroxyapatite to Promote Alveolar Wound Healing. Pharmaceuticals, 17(1).

Doron-Mandel E, et al. (2025) SEC-MX: an approach to systematically study the interplay between protein assembly states and phosphorylation. Nature communications, 16(1), 1176.

Pitchakarn P, et al. (2025) Ficus lindsayana Leaf Extract Protects C2C12 Mouse Myoblasts Against the Suppressive Effects of Bisphenol-A on Myogenic Differentiation. International journal of molecular sciences, 26(2).

Kovačević J, et al. (2025) The Stability-Indicating Ultra High-Performance Liquid Chromatography with Diode Array Detector and Tandem Mass Spectrometry Method Applied for the Forced Degradation Study of Ritlecitinib: An Appraisal of Green and Blue Metrics. Pharmaceuticals (Basel, Switzerland), 18(1).

Somogyi P, et al. (2025) Synaptic Targets and Cellular Sources of CB1 Cannabinoid Receptor and Vesicular Glutamate Transporter-3 Expressing Nerve Terminals in Relation to GABAergic Neurons in the Human Cerebral Cortex. The European journal of neuroscience, 61(1), e16652.

Prince N, et al. (2025) Mouse strain-specific responses along the gut-brain axis upon fecal microbiota transplantation from children with autism. *Gut microbes*, 17(1), 2447822.

Balcázar-Zumaeta CR, et al. (2024) Amino acid profile behavior during the fermentation of Criollo cocoa beans. *Food chemistry: X*, 22, 101486.

Lin CM, et al. (2024) Identification and characterization of a novel CASR mutation causing familial hypocalciuric hypercalcemia. *Frontiers in endocrinology*, 15, 1291160.

Appel L, et al. (2024) Evaluating the Impact of Virtual Reality on the Behavioral and Psychological Symptoms of Dementia and Quality of Life of Inpatients With Dementia in Acute Care: Randomized Controlled Trial (VRCT). *Journal of medical Internet research*, 26, e51758.

Zmuda AJ, et al. (2024) A universal metabolite repair enzyme removes a strong inhibitor of the TCA cycle. *Nature communications*, 15(1), 846.

Nieh LY, et al. (2024) Evolutionary engineering of methylotrophic *E. coli* enables fast growth on methanol. *Nature communications*, 15(1), 8840.

Herndon ME, et al. (2024) The highly metastatic 4T1 breast carcinoma model possesses features of a hybrid epithelial/mesenchymal phenotype. *Disease models & mechanisms*, 17(9).

Mohamed HM, et al. (2024) Bridging one health and sustainable analysis: enrofloxacin quantification amid combined therapy and its active metabolite in various matrices using green RP-HPLC. *BMC chemistry*, 18(1), 180.

Chatzopoulou N, et al. (2024) Encapsulation of Microalgae *Tisochrysis lutea* Extract in Nanostructured Lipid Carriers (NLCs) and Evaluation of Their Sunscreen, Wound Healing, and Skin Hydration Properties. *Marine drugs*, 22(11).

Jiang S, et al. (2024) Pathological tau alters head direction signaling and induces spatial disorientation. *bioRxiv : the preprint server for biology*.

Andrade GM, et al. (2024) Unveiling the Potential Prebiotic Effects of Edible Mushroom *Pleurotus djamor* During In Vitro Colonic Fermentation. *Journal of agricultural and food chemistry*, 72(48), 26722.

Schöllkopf S, et al. (2024) The beauty of symmetry: siRNA phosphorodithioate modifications reduce stereocomplexity, ease analysis, and can improve in vivo potency. *Molecular therapy. Nucleic acids*, 35(4), 102336.