

Resource Summary Report

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Fluxion Biosciences: BioFlux 1000z

RRID:SCR_024832

Type: Tool

Proper Citation

Fluxion Biosciences: BioFlux 1000z (RRID:SCR_024832)

Resource Information

URL: <https://bioflux.fluxionbio.com/bioflux-1000z>

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Description: Gives ability to introduce flow to research and drug discovery experiments with in vivo conditions. Microfluidic well plate format opens up multitude of experiments. Customizable BioFlux solution for ultimate imaging flexibility. Additional Standard Features to those in BioFlux 200 include Custom automated microscope configuration, User defined camera and Fully integrated control and analysis software.

Synonyms: BioFlux 1000z, BIOFLUX 1000Z

Resource Type: instrument resource

Keywords: Cellular analysis, drug discovery experiments, in vivo conditions, ultimate imaging flexibility, custom automated microscope, user defined camera,

Availability: Restricted

Resource Name: Fluxion Biosciences: BioFlux 1000z

Resource ID: SCR_024832

Alternate IDs: Model_Number_BioFlux_1000z

Alternate URLs: <https://pages.fluxionbio.com/hubfs/Docs/BioFlux%20Brochure.pdf>

Record Creation Time: 20240104T050329+0000

Record Last Update: 20260801T191304+0000

Ratings and Alerts

No rating or validation information has been found for Fluxion Biosciences: BioFlux 1000z.

No alerts have been found for Fluxion Biosciences: BioFlux 1000z.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Wang Y, et al. (2025) Involvement of Piezo 1 in inhibition of shear-induced platelet activation and arterial thrombosis by ginsenoside Rb1. *British journal of pharmacology*, 182(9), 1957.

Qu Q, et al. (2024) Lithocholic acid phenocopies anti-ageing effects of calorie restriction. *Nature*.

Wang YJ, et al. (2024) Pharmacological chaperones restore proteostasis of epilepsy-associated GABAA receptor variants. *Pharmacological research*, 208, 107356.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. *Nature*.

Wang YJ, et al. (2024) Hsp47 promotes biogenesis of multi-subunit neuroreceptors in the endoplasmic reticulum. *eLife*, 13.

Wang YJ, et al. (2023) Pharmacological chaperones restore proteostasis of epilepsy-associated GABAA receptor variants. *bioRxiv : the preprint server for biology*.

Diebel LN, et al. (2022) Plasma components to protect the endothelial barrier after shock: A role for sphingosine 1-phosphate. *Surgery*, 171(3), 825.

Zhang CS, et al. (2022) The aldolase inhibitor aldometanib mimics glucose starvation to activate lysosomal AMPK. *Nature metabolism*, 4(10), 1369.

Li D, et al. (2021) Itgb3-integrin-deficient mice may not be a sufficient model for patients with Glanzmann thrombasthenia. *Molecular medicine reports*, 23(6).

Hollmann B, et al. (2021) Fluorescent nanosensors reveal dynamic pH gradients during biofilm formation. *NPJ biofilms and microbiomes*, 7(1), 50.

Diebel LN, et al. (2021) The protective role of estrogen on endothelial and glycocalyx barriers after shock conditions: A microfluidic study. *Surgery*, 169(3), 678.

DelMain EA, et al. (2020) Stochastic Expression of Sae-Dependent Virulence Genes during Staphylococcus aureus Biofilm Development Is Dependent on SaeS. *mBio*, 11(1).

Böttcher B, et al. (2020) The Transcription Factor Stp2 Is Important for *Candida albicans* Biofilm Establishment and Sustainability. *Frontiers in microbiology*, 11, 794.

Tang NT, et al. (2020) Fatty-Acid Uptake in Prostate Cancer Cells Using Dynamic Microfluidic Raman Technology. *Molecules* (Basel, Switzerland), 25(7).

Kavanaugh JS, et al. (2019) Identification of Extracellular DNA-Binding Proteins in the Biofilm Matrix. *mBio*, 10(3).

Leite S, et al. (2019) Physiological Arousal Quantifying Perception of Safe and Unsafe Virtual Environments by Older and Younger Adults. *Sensors* (Basel, Switzerland), 19(11).

Qiu X, et al. (2019) Management and Microbiological Characteristics of Membrane Formation on a Hydrophilic Acrylic Intraocular Lens: A Clinical Case Series and Material Comparative Study of Different IOLs. *Journal of ophthalmology*, 2019, 5746186.

Oluyombo O, et al. (2019) Competition in Biofilms between Cystic Fibrosis Isolates of *Pseudomonas aeruginosa* Is Shaped by R-Pyocins. *mBio*, 10(1).

Zhang M, et al. (2018) Ginkgolide B inhibits platelet and monocyte adhesion in TNF α -treated HUVECs under laminar shear stress. *BMC complementary and alternative medicine*, 18(1), 220.

Brenner JS, et al. (2018) Red blood cell-hitchhiking boosts delivery of nanocarriers to chosen organs by orders of magnitude. *Nature communications*, 9(1), 2684.