Resource Summary Report

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BD Scientific FACSCanto Flow Cytometer

RRID:SCR_018055
Type: Tool

Proper Citation

BD Scientific FACSCanto Flow Cytometer (RRID:SCR_018055)

Resource Information

URL: https://www.bdbiosciences.com/en-us/instruments/clinical-instruments/clinical-cell-analyzers/facscanto

Proper Citation: BD Scientific FACSCanto Flow Cytometer (RRID:SCR_018055)

Description: Flow cytometry system that performs reliable performance, accuracy, and ease-of-use for clinical diagnostic services. System has 10 color capability, optical enhancements, and 4-3-3 configuration deliver high sensitivity and resolution for accurate results.

Synonyms: Canto-blue and red lasers

Resource Type: instrument resource

Keywords: ABRF, Flow Cytometer, flow cytometry, multicolor analysis, BD FACSCanto, instrument, equipment

Funding:

Resource Name: BD Scientific FACSCanto Flow Cytometer

Resource ID: SCR_018055

Alternate IDs: Model_Number_Canto

Alternate URLs: https://www.bdbiosciences.com/content/dam/bdb/marketing-documents/facscanto_techspecs.pdf

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Ratings and Alerts

No rating or validation information has been found for BD Scientific FACSCanto Flow Cytometer.

No alerts have been found for BD Scientific FACSCanto Flow Cytometer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Fieni C, et al. (2024) Prevention of prostate cancer metastasis by a CRISPR-delivering nanoplatform for interleukin-30 genome editing. Molecular therapy : the journal of the American Society of Gene Therapy, 32(11), 3932.

Yada Y, et al. (2024) STIM-mediated calcium influx regulates maintenance and selection of germinal center B cells. The Journal of experimental medicine, 221(1).

Thomas JR, et al. (2024) Abcg2a is the functional homolog of human ABCG2 expressed at the zebrafish blood-brain barrier. Fluids and barriers of the CNS, 21(1), 27.

Robey RW, et al. (2024) The Methyltransferases METTL7A and METTL7B Confer Resistance to Thiol-Based Histone Deacetylase Inhibitors. Molecular cancer therapeutics, 23(4), 464.

Boutin L, et al. (2024) Camelid-derived Tcell engagers harnessing human ?? T cells as promising antitumor immunotherapeutic agents. European journal of immunology, 54(8), e2350773.

Chambers C, et al. (2023) SWI/SNF Blockade Disrupts PU.1-Directed Enhancer Programs in Normal Hematopoietic Cells and Acute Myeloid Leukemia. Cancer research, 83(7), 983.

Girone C, et al. (2023) The RIG-I agonist M8 triggers cell death and natural killer cell activation in human papillomavirus-associated cancer and potentiates cisplatin cytotoxicity. Cancer immunology, immunotherapy : CII, 72(9), 3097.

Lozano-Rabella M, et al. (2023) Exploring the Immunogenicity of Noncanonical HLA-I Tumor Ligands Identified through Proteogenomics. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(12), 2250.

Hurtado-Navarro L, et al. (2023) NLRP3 inflammasome activation and symptom burden in

KRAS-mutated CMML patients is reverted by IL-1 blocking therapy. Cell reports. Medicine, 4(12), 101329.

Fu Y, et al. (2023) A synthetic notch (synNotch) system linking intratumoral immune-cancer cell communication to a synthetic blood biomarker assay. Frontiers in pharmacology, 14, 1304194.

Cevallos C, et al. (2022) HIV-induced bystander cell death in astrocytes requires cell-to-cell viral transmission. Journal of neurochemistry, 163(4), 338.

Santeford A, et al. (2021) Loss of Mir146b with aging contributes to inflammation and mitochondrial dysfunction in thioglycollate-elicited peritoneal macrophages. eLife, 10.

Wang X, et al. (2018) 14-3-3? delivered by hepatocellular carcinoma-derived exosomes impaired anti-tumor function of tumor-infiltrating T lymphocytes. Cell death & disease, 9(2), 159.