

Resource Summary Report

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University of California, Santa Cruz IBSC Flow Cytometry Core Facility

RRID:SCR_021149

Type: Tool

Proper Citation

University of California, Santa Cruz IBSC Flow Cytometry Core Facility
(RRID:SCR_021149)

Resource Information

URL: <https://ibsc.ucsc.edu/flow-cytometry-facility/>

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Description: Facility offers multicolor cell analysis by BD LSRII cell analyzer and single cell sorting by BD Biosciences FACS Aria cell sorter. Provides user training for self-op use of BD FACS LSRII analyzer 3-laser and Self-op and Assisted sorting on BD FACS Aria IIU 5-lasers.

Synonyms: UCSC-Institute for the Biology of Stem Cells Flow Cytometry Facility, Santa Cruz UCSC-Institute for the Biology of Stem Cells Flow Cytometry Facility, University of California

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, Flow Cytometry, cell analysis, cell sorting, user training, ABRF, ABRF

Availability: Open

Resource Name: University of California, Santa Cruz IBSC Flow Cytometry Core Facility

Resource ID: SCR_021149

Alternate IDs: ABRF_1171

Alternate URLs: <https://coremarketplace.org/?FacilityID=1171>

Old URLs: <https://ibsc.ucsc.edu/facilities/cytometry>

Record Creation Time: 20220129T080354+0000

Ratings and Alerts

No rating or validation information has been found for University of California, Santa Cruz IBSC Flow Cytometry Core Facility.

No alerts have been found for University of California, Santa Cruz IBSC Flow Cytometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Manso BA, et al. (2025) A Rare Hematopoietic Stem Cell-Derived Megakaryocyte Progenitor Accumulates via Enhanced Survival and Contributes to Exacerbated Thrombopoiesis Upon Aging. *Aging cell*, 24(11), e70221.

Smith-Berdan S, et al. (2025) Vascular endothelial growth factor-induced vascular permeability results in drastic and reversible hematopoietic stem cell mobilization. *Stem cell reports*, 20(7), 102547.

Yang C, et al. (2025) *Helicobacter pylori* luxS mutants cause hyperinflammatory responses during chronic infection. *Microbiology spectrum*, 13(1), e0107324.

Chattopadhyaya S, et al. (2025) Paradoxical enhancement of mitochondrial capacity in aging-specific megakaryopoiesis from hematopoietic stem cells. *bioRxiv : the preprint server for biology*.

Barrett AK, et al. (2024) HDAC activity is dispensable for repression of cell-cycle genes by DREAM and E2F:RB complexes. *Nature communications*, 15(1), 4450.

Manso BA, et al. (2024) A rare HSC-derived megakaryocyte progenitor accumulates via enhanced survival and contributes to exacerbated thrombopoiesis upon aging. *bioRxiv : the preprint server for biology*.

Poscablo DM, et al. (2024) An age-progressive platelet differentiation path from hematopoietic stem cells causes exacerbated thrombosis. *Cell*, 187(12), 3090.

Johnson KS, et al. (2023) *Helicobacter pylori* Chronic-Stage Inflammation Undergoes Fluctuations That Are Altered in tlpA Mutants. *Infection and immunity*, 91(1), e0032222.

Martin EW, et al. (2023) Dynamics of Chromatin Accessibility During Hematopoietic Stem Cell Differentiation Into Progressively Lineage-Committed Progeny. *Stem cells* (Dayton,

Ohio), 41(5), 520.

Worthington AK, et al. (2022) IL7R??, but not Flk2, is required for hematopoietic stem cell reconstitution of tissue-resident lymphoid cells. *Development* (Cambridge, England), 149(8).

Robinson EK, et al. (2022) lincRNA-Cox2 Functions to Regulate Inflammation in Alveolar Macrophages during Acute Lung Injury. *Journal of immunology* (Baltimore, Md. : 1950), 208(8), 1886.

Rodriguez Y Baena A, et al. (2022) New transgenic mouse models enabling pan-hematopoietic or selective hematopoietic stem cell depletion in vivo. *Scientific reports*, 12(1), 3156.

Cazares O, et al. (2021) Alveolar progenitor differentiation and lactation depends on paracrine inhibition of notch via ROBO1/CTNNB1/JAG1. *Development* (Cambridge, England), 148(21).

Smith-Berdan S, et al. (2021) Acute and endothelial-specific Robo4 deletion affect hematopoietic stem cell trafficking independent of VCAM1. *PloS one*, 16(8), e0255606.