

Resource Summary Report

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University of Kansas Flow Cytometry Core Facility

RRID:SCR_028833

Type: Tool

Proper Citation

University of Kansas Flow Cytometry Core Facility (RRID:SCR_028833)

Resource Information

URL: <https://fccl.ku.edu/>

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Description: Core provides access to flow cytometry and cell sorting instrumentation and expertise. Services include cell sorting and multi-parametric analysis of individual cells in solution. Provides assistance in sample processing, data analysis, instrument training, software support, method and grant assistance, manuscript support, and consulting. BSL-2 facility is equipped with BD FACSymphony S6 and FACS Aria Fusion cell sorters, a Cytex Aurora spectral flow cytometer, an Agilent NovoCyte Advanteon conventional flow cytometer, and other supplemental assay instrumentation (Bio-Rad QX600 ddPCR, C.T.L ImmunoSpot). The flow cytometry analyzers provide users with tube- and plate-based, conventional and spectral flow cytometry. The BD FACS instruments allow measurement and sorting of up to 6 resolved populations of cells simultaneously, based on up to 50 parameters of detection using 18 simultaneous fluorochromes. The facility is equipped to handle BSL-2 samples and perform aseptic and single cell sorting into tubes or 96-well plates. The facility provides instrument training for users who desire to become self-operators of the facility instruments. The FCC will equip CBID researchers with tools directly applicable to infectious disease research, such as identifying and characterizing infectious agents such as bacteria and parasites, quantification and sorting of cells infected with microbial pathogens, and assessing chemical probe efficacy against infectious agents.

Synonyms: KU Flow Cytometry Core, Lawrence, University of Kansas, KS

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

Keywords: ABRF, flow cytometry services, cell sorting,

Resource Name: University of Kansas Flow Cytometry Core Facility

Resource ID: SCR_028833

Alternate IDs: ABRF_6124

Alternate URLs: <https://coremarketplace.org/?FacilityID=6124&citation=1>

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Ratings and Alerts

No rating or validation information has been found for University of Kansas Flow Cytometry Core Facility.

No alerts have been found for University of Kansas Flow Cytometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.