

Resource Summary Report

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Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility

RRID:SCR_022169

Type: Tool

Proper Citation

Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility (RRID:SCR_022169)

Resource Information

URL: <https://vtpb.tamu.edu/flow-cytometry/>

Proper Citation: Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility (RRID:SCR_022169)

Description: Provides flow cytometry experimental design, data collection, data analysis and cell sorting services; training for flow cytometers, imaging flow cytometer, and data analysis using IDEAS and FlowJo software; staff assisted flow cytometry and imaging flow cytometry data acquisition, cell sorting, and data analysis, experimental design and consultation services. FCF currently has Beckman Coulter Moflo Astrios cell sorter, Luminex/Amnis Image Stream X Mark II, Luminex/Amnis Cell Stream, and Becton Dickinson Accuri C6 flow cytometer. Astrios cell sorter is housed in ClassII BSC and has 3 lasers (405nm, 488nm, 642nm) and 11 detectors and can sort up to 6 populations simultaneously. Image Stream X Mark II is equipped with 20x, 40x, 60x objectives, 4 lasers (405nm, 488nm, 561nm, 642nm), 10 detection channels, EV mode for small particle detection, and an autosampler. Cell Stream is equipped with 3 lasers (405nm, 488nm, 642nm), 13 detection channels, EV mode for small particle detection, and autosampler. Accuri C6 is equipped with 2 lasers (488nm, 642nm), and 4 detection channels.

Synonyms: TAMU Flow Cytometry Facility, Texas A&M University TAMU Flow Cytometry Facility

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

Keywords: USEDit, ABRF, flow cytometry, cell sorting services, experimental design, data collection, data analysis

Availability: open

Resource Name: Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility

Resource ID: SCR_022169

Alternate IDs: ABRF_1338

Alternate URLs: <https://coremarketplace.org/?FacilityID=1338>

Record Creation Time: 20220421T050139+0000

Record Last Update: 20260801T191248+0000

Ratings and Alerts

No rating or validation information has been found for Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility.

No alerts have been found for Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ma J, et al. (2025) Oxygen/Nitric Oxide Dual-Releasing Nanozyme for Augmenting TMZ-Mediated Apoptosis and Necrosis. *Molecular pharmaceutics*, 22(1), 168.

Soukar J, et al. (2025) Nanomaterial-induced mitochondrial biogenesis enhances intercellular mitochondrial transfer efficiency. *Proceedings of the National Academy of Sciences of the United States of America*, 122(43), e2505237122.

Legere RM, et al. (2025) Nebulization of an mRNA-encoded monoclonal antibody for passive immunization of foals against *Rhodococcus equi*. *Molecular therapy : the journal of the American Society of Gene Therapy*, 33(9), 4175.

da Silveira BP, et al. (2024) Impact of surface receptors TLR2, CR3, and FcγRIII on *Rhodococcus equi* phagocytosis and intracellular survival in macrophages. *Infection and immunity*, 92(1), e0038323.