Flow Cytometry & Cell Sorting Lab

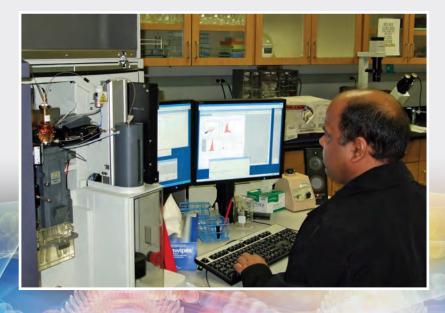
Equipment / Technology:

The flow cytometry, FACS, and magnetic-bead cell-sorting core at Morehouse School of Medicine houses a BD FACS Aria II and Miltenyi Biotec autoMACS Pro Separator. Certified BD- and Miltenyi-trained staff are available for consultation, acquiring data, or sorting cells. The BD FACS Aria is equipped with 488 nm and 633 nm lasers along with filters to simultaneous detect the following fluorophore signatures: Blue A (785/60 nm – e.g., PECy7), Blue B (695/40 nm – e.g., PECy5.5), Blue C (610/20 nm – e.g., PE.TxRd), Blue D (575/26 nm – e.g., PE), Blue E (530/30 nm – e.g., FITC), Red A (780/60 nm – e.g., APC.Cy7), and Red B(660/20 nm – e.g., APC). The autoMACS Pro Separator performs fully automated multisample labeling and separation of various cell types.

Service Charges:

Service charges are as follows:

\$125/hr, Technical Assistance, Analysis, or Sorting (MSM faculty) \$175/hr, Technical Assistance, Analysis, or Sorting (non-MSM faculty) \$75/hr, Acquisition only (MSM faculty) \$100/hr, Acquisition only (non-MSM faculty)





Morehouse School of Medicine Medical Education Building C Research Core Facility 720 Westview Dr. SW Atlanta, GA 30310 404.752.1500 www.msm.edu

Contact Information:

Dr. Natasha C. Browner Flow Cytometry & Cell Sorting Core Leader nbrowner@msm.edu 404.756.6707

Jerry Manlove-Simmons Lab Technician jmanlove-simmons@msm.edu 404.752.8849

