

# 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 simultaneously 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)



## RCMI

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