Comprehensive Flow Cytometry Core (CFCC)

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BD ARIA Sorter
Amnis ImageStream VA ShEEP grant supported
BD LSR II Analyzer
The HyperCyt autosampler
BioPlex suspension array system
Miltonyi MACS Sorter
Fluidigm C1 Single Cell Prep
BioMark HD gene expression analyzer

Novel Probes
Tetramers
Dendramers
Nanoparticles
Click-IT
Enzymatic probes

Single Cell

At CFCC for Gene Expression
In partnership with other UAB Cores & Facilities
Potential applications

Genetic/Epigenetic
Genome
Epigenome
ChIP-seq
RNA-seq
Cloning of genes

Protein
Cytokines
Phospho-protein
Signalome
Kinome
Transcriptome

Cell
Cloning
Transfection
Imaging
Metabolome
Functional assays

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