



**VA
HEALTH
CARE**
Defining
EXCELLENCE
in the 21st Century

UAB Comprehensive Arthritis, Musculoskeletal and Autoimmunity Center

CFCC
Comprehensive Flow Cytometry Core

UAB Comprehensive Flow Cytometry Core (CFCC)

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CFAR
CENTERS FOR AIDS RESEARCH

CFCC at Shelby (Rm 271): Vidya Sagar Hanumanthu (vsagarh@uab.edu); Ana Leda F Longhini (alonghini@uabmc.edu); Berencia Marie Fore (bfore@uab.edu)

CFCC at BBRB (Rm 557): Marion Spell (mispell@uab.edu)

CFCC at Shelby (Rm 271): Single Cell RNA Analysis Specialist: Shanrun Liu (shanrun@uab.edu)



BD ARIA Sorter



BD LSRII Analyzer



BD FACSsymphony
VA ShEEP grant supported



Attune NxT Flow
Cytometer



Amnis ImageStream
VA ShEEP grant supported



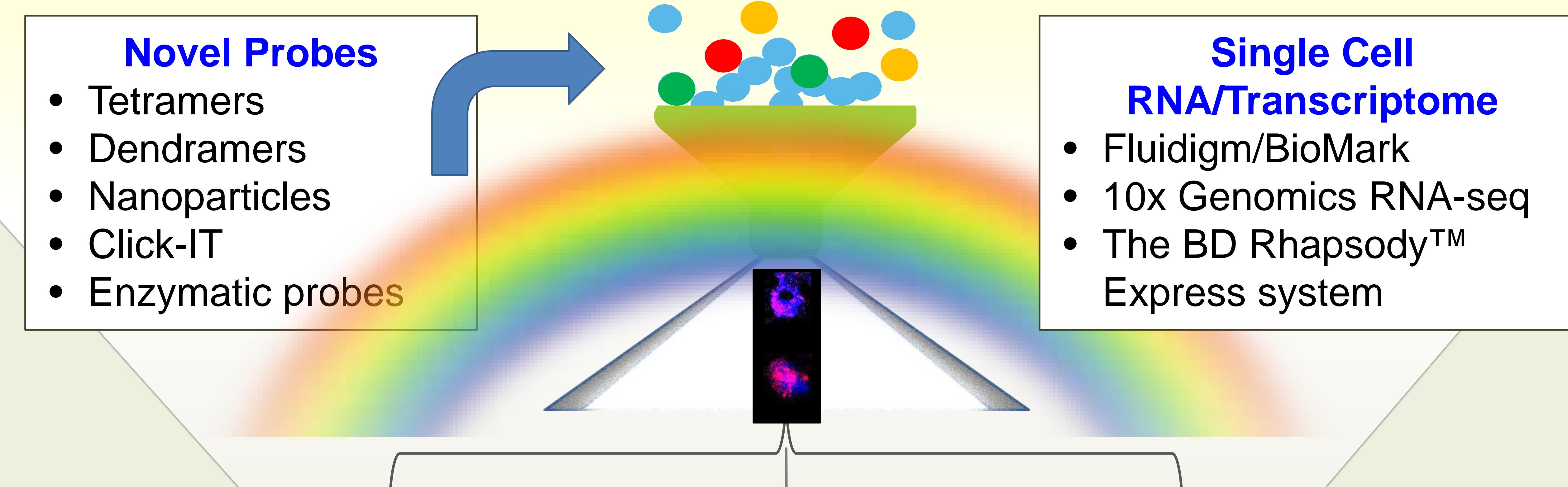
The HyperCyt
autosampler



BioPlex suspension
array system

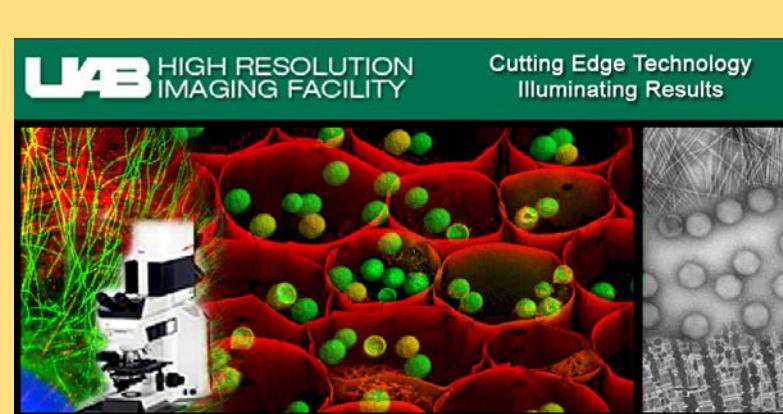
Our Vision of CFCC

Technology "Gate-Way" to High Dimensional Single-Cell Omics Analysis

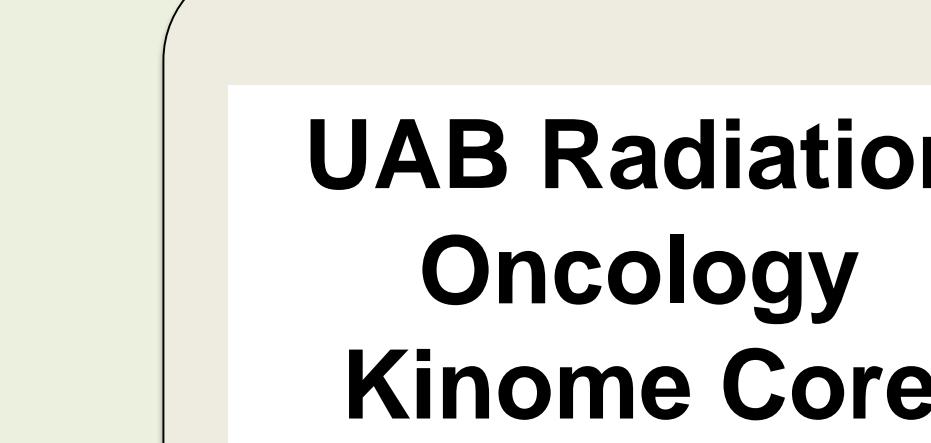


Technology Partners

RDCC Analytic Imaging and Immunoreagents Core



UAB Radiation Oncology Nanostring



UAB Radiation Oncology Kinome Core

UAB Center for Clinical & Translational Science



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

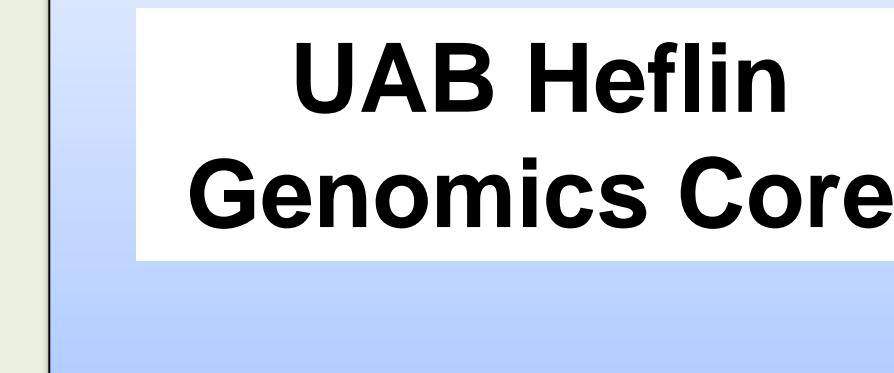
Protein
Cytokines
Phospho-protein
Signalome
Kinome

Cell
Cloning
Transfection
Imaging
Metabolome
Functional assays

Technology Partners



RDCC Analytical Genomics and Transgenics Core



UAB Heflin Genomics Core



UAB Proteomics Core

Other Birmingham VA & UAB Research Cores



UAB Research
Knowledge that will change your world

This Core is supported by:
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UAB Institutional Research Core Support;
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UAB HSF-GEF