ABOUT UF ICBR

The University of Florida Interdisciplinary Center for Biotechnology (UF | ICBR) is the premier campus shared resource facility that provides extraordinary support services and facilitated access to advanced cutting-edge scientific technology to University of Florida scientists. Offering more than 400 different services, the ICBR is comprised of 7 core laboratories including Monoclonal Antibodies, Bioinformatics, Flow Cytometry, Electron Microscopy, Next Generation DNA Sequencing, Gene Expression Analysis and Genotyping, and Mass Spectrometry and Proteomics. ICBR experts provide no cost consultation to UF investigators in optimal use of advanced technologies, experimental design, sample preparation, and data analysis.

With easy access to services by online scheduling, special UF pricing, multiple locations and renowned expertise, UF ICBR is the first choice of UF faculty for biotechnology support.

“Our mission is to champion and enable scientific discovery and innovation throughout the University of Florida research community by providing access to world-class biotechnology expertise and instrumentation. We look forward to working with you!”
- Dr. Anna-Lisa Paul, Director of ICBR

LOCATIONS

Cancer & Genetics Research Complex
South Wing
2033 Mowry Road
Gainesville, FL 32610
Supports all ICBR cores
352.273.8030

McKnight Brain Institute
MBI L3-160 & LG-164
1149 Newell Drive
Gainesville, FL 32610
Supports ICBR Cytometry
352.273.8550

UF ICBR

The University of Florida Interdisciplinary Center for Biotechnology Research (ICBR) provides extraordinary support services and facilitated access to advanced cutting-edge scientific technology for University of Florida faculty, staff and graduate students, as well as research and commercial partners worldwide. Founded in 1987, ICBR has a rich history of enabling life science researchers by allowing scientists to focus on their research without the burden of developing and maintaining the infrastructure and expertise to support ever-changing technologies.

ICBR provides easy access to cost-effective expertise and instrumentation through CrossLab where investigators and their lab can obtain user accounts that allow online service requests as well as training session enrollment, self-user instrument reservations, and direct simplified billing. Free consultations with our experts ensure proper experimental design and the selection of appropriate methodologies and streamlined data delivery.

FEATURED SERVICES

Single cell RNA-Seq & Spatial Transcriptomics
Long and short read DNA library construction
Whole genome sequencing, Exome sequencing, 16S & rDNA Metagenomic Sequencing
RNA-Seq, ChIP-Seq, ATAC-Seq, & DNA methylation analysis
Flow cytometry, cell sorting, nanoparticle/exosome analysis & optical microscopy
MALDI MS based microbe identification
Quantitative proteomics (LFQ, SILAC, iTRAQ, TMT) & metabolite analysis
CryoEM, Transmission & Scanning Electron Microscopy
Hybridoma Antibody Production & Western Blotting
Live Cell Imaging & Analysis

FEATURED INSTRUMENTS

Illumina NovaSeq X Plus, PacBio SEQUEL Ile & ONT PromethION Sequencers
QIAcunity Digital PCR System & 10X Genomics Chromium X
Bruker TIMStof flexX & ThermoFisher Q ExactivePlus Hybrid Quadrupole-Orbitrap, TSQ Altis QQ
Luminex FLEXMAP 3D® System & Bruker MALDI Biotyper® Sirius
FEI G2 F20 200KV & Talos L120C G2 120 kV TEMs
Hitachi SU5000 FEG Variable Pressure SEM
Accuri C6, SP6000 Spectral, Cytek Aurora Spectral, Fortessa, CytoFLEX LX, Canto, Symphony A3, & Symphony S6, Fusion, & SH800 sorters
NanoSight NS300 & NanoFCM
Keyence, IVIS Spectrum, Stellaris 8 & Confocal Microscopes
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your pursuit is what drives us.