

CENTER FOR INNOVATIVE BIOMEDICAL RESOURCES

Services • Instrumentation • Supplies • Expertise

MISSION

To provide specialized expertise, cutting-edge technologies and sophisticated scientific resources that support a robust basic, clinical, translational, and population science biomedical research environment.

ABOUT CIBR

The University of Maryland School of Medicine's (UMSOM) Center for Innovative Biomedical Resources (CIBR) is the organizational framework for all UMSOM biomedical core resources. CIBR serves as a center of excellence for state-of-the-art technologies, high-tech instrumentation, and expertise that supports biomedical research, clinical practice and health care. Physical consolidation of many core facilities in common space creates a dynamic environment that will enhance and stimulate high impact research through a trans-disciplinary approach.



Panoramic View
Bressler 7 Open Lab

CIBR's Mission

- Provide investigators and clinicians with easy access to fair-priced, state-of-the-art technologies, services, and expertise necessary to catalyze high-impact science and support the clinical mission
- Foster a collaborative, interdisciplinary research environment
- Provide centralized oversight of business operations and resource management including rate setting and business planning, monthly billing and collections, review of large instrumentation purchases, support of shared instrumentation grant applications, websites, iLab portal, communications, marketing, etc.

CORES

STRUCTURAL BIOLOGY FACILITIES

- Biosensor Facility
- NMR Facility

NUCLEIC ACID AND GENOMIC FACILITIES

- Cytogenetics Facility *CLIA
- Maryland Genomics *CLIA
- Translational Genomics Lab *CLIA

IMAGING TECHNOLOGIES

- Center for Translational Research in Imaging (CTRIM)
- Confocal Microscopy Facility
- Electron Microscopy Facility

CYTOMETRIC AND BIOASSAY FACILITIES

- Cytokine Laboratory
- Flow Cytometry Facility
 - Center for Vaccine Development Laboratory
 - Greenebaum Comprehensive Cancer Center Shared Service
- Nanofabrication and Characterization Core
- Red Blood Cell Physiology and Hemostasis Core
- μQUANT Facility

CLINICAL RESOURCE FACILITIES

- NICHD Brain and Tissue Bank for Developmental Disorders
- Cytogenetics Laboratory *CLIA
- Maryland Genomics *CLIA
- Pathology Biorepository Shared Service
- Pediatric Biochemical Genetics *CLIA
- UMM Biorepository

ANIMAL MODEL RESOURCE FACILITIES

- Translational Laboratory Shared Service
- Veterinary Services

BIOINFORMATICS AND STATISTICS RESOURCE FACILITIES

- Biostatistics and Informatics Core
- Center for Health-Related Informatics and Bioimaging (CHIB)
- Clinical & Translational Research Informatics Centers
- Informatics Resource Center

BIOMEDICAL RESEARCH SUPPLY STORE (BIORESCO)



UNIVERSITY of MARYLAND
SCHOOL OF MEDICINE

CENTER FOR INNOVATIVE BIOMEDICAL RESOURCES (CIBR)
medschool.umaryland.edu/CIBR

CENTER FOR INNOVATIVE BIOMEDICAL RESOURCES

BIOMEDICAL TECHNOLOGY SUPPORTING RESEARCH, HEALTHCARE AND EDUCATION



LOCATION

Many of the CIBR resources are located on the 7th floor of the Bressler Research Tower and on the 6th floor of Howard Hall and Health Sciences Facility I. Owing to their specific space and research requirements, some cores are located in other areas on campus.

Our main administrative office is located at:
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