The James

THE OHIO STATE UNIVERSITY

BOLD SCIENCE.
BRIGHTER LIVES.



Your Research.
Our Shared Expertise.
A Healthier Tomorrow.

OSUCCC Shared Resources
Points of Contact

EXPERTISE | COLLABORATION | DISCOVERY | IMPACT

Research Need or Proposed Activity	Shared Resource	Leadership	Primary Contact
Bioinformatics, computational biology, NGS analysis, cloud workflows, or data-management and sharing plans	**BISR** Biomedical Informatics Shared Resource	Dongjun Chung, PhD, Director Maciej Pietrzak, PhD, Technical Director	BISR@osumc.edu
Banked or prospectively collected biospecimens, consenting, specimen processing, storage, retrieval, or distribution	**BSSR** Biospecimen Services Shared Resource	Nancy Single, PhD, Director	**TCC:** Nancy.Single@osumc.edu **Bank:** Jason.Bacher@osumc.edu **TPR:** Kelly.Hamilton2@osumc.edu
Study design, endpoints, power and sample-size calculations, statistical analysis, or data visualization	**BSR** Biostatistics Shared Resource	Soledad Fernandez, PhD, Director	biostatistics@osumc.edu Pamela.Thomas2@osumc.edu
Clinical and translational project design, biomarker assays, correlative science, clinical specimen processing, or preliminary studies	**CTSSR** Clinical Translational Science Shared Resource	Wancai Yang, MD, Director	Wancai.Yang@osumc.edu
Comparative pathology, histology, IHC/IF, slide digitization, digital pathology, or quantitative image analysis	**CPDISR** Comparative Pathology and Digital Imaging Shared Resource	Kara Corps, DVM, PhD, Dipl. ACVP, Director Jessica Beck, DVM, PhD, Associate Director	CPDISR@osu.edu Corps.2@osu.edu
Assay adaptation, small-molecule library screening, high-throughput or high-content screening, phenotypic assays, or hit identification	**DDSR-HTS** Drug Discovery Shared Resource – High-Throughput / High-Content Screening	Blake Peterson, PhD, Co-Director (HTS) Meng Wu, PhD, Technical Director (HTS)	Peterson.1119@osu.edu Meng.Wu@osumc.edu
Medicinal chemistry, molecular design, custom synthesis, compound quality assurance, SAR, lead optimization, degraders, or ADC chemistry	**DDSR-MC** Drug Discovery Shared Resource – Medicinal Chemistry	Chad Bennett, PhD, Co-Director (Medicinal Chemistry) Sandip Vibhute, PhD, Technical Director (Medicinal Chemistry)	Chad.Bennett@osumc.edu Sandip.Vibhute@osumc.edu
Analytical, spectral, mass, or imaging flow cytometry; cell sorting; immunophenotyping; panel design; or cytometry training	**FCSR** Flow Cytometry Shared Resource	Kevin Weller, Co-Director Bei Liu, MD, MPH, Co-Director Bryan. McElwain, MS, Lab Manager	Kevin.Weller@osumc.edu Bei.Liu@osumc.edu Bryan.McElwain@osumc.edu
CRISPR knockout or knock-in, guide and repair-template design, base or prime editing, RNA targeting, engineered cell lines, or CRISPR screens	**GESR** Gene Editing Shared Resource	Daniela De Martino, PhD, Director	Daniela.DeMartino@osumc.edu
DNA/RNA technologies, Sanger sequencing, genotyping, qPCR, NanoString, spatial transcriptomics, NGS, extraction, or molecular QC	**GSR** Genomics Shared Resource	Amanda E. Toland, PhD, FACMG, Director Atashi Sharma, PhD, Technical Director	Amanda.Toland@osumc.edu Atashi.Sharma@osumc.edu
Hematologic-disease biospecimens and associated clinical, pathological, or genomic data; central processing, storage, retrieval, or distribution	**HTBSR** Hematology Tissue Bank Shared Resource	Lapo Alinari, MD, PhD, Director Robert Balochi, MD, PhD, Senior Faculty Advisor Christopher Manring, MBA, Assistant Director	Christopher.Manring@osumc.edu
Bioanalytical assays, quantitative sample analysis, PK/PD design and modeling, drug or metabolite measurements, biomarkers, or lipidomics	**PhASR** Pharmacoanalytical Shared Resource	Mitch A. Phelps, PhD, Co-Director Steven K. Clinton, MD, PhD, Co-Director	phasr@osumc.edu
Longitudinal in vivo optical imaging, microCT, preclinical irradiation, therapeutic-response monitoring, or quantitative imaging analysis	**PCISR** Preclinical Imaging Shared Resource	Bryan Ronain Smith, PhD, Director Macy Payne, PhD, Technical Director	Bryan.Smith@osumc.edu Macy.Payne@osumc.edu
Proteomics and mass-spectrometry analyses using Bruker timsTOF Pro, Orbitrap Fusion, 15T FT-ICR mass spectrometer, Quantiva triple quadrupole, Agilent QTOF, or Bruker MALDI-TOF-TOF	**PSR** Proteomics Shared Resource	**Sophie Harvey**, PhD, Associate Director	Harvey.486@osu.edu www.go.osu.edu/psr Proteomics Shared Resource webpage
Participant recruitment and retention, surveys or patient-reported outcomes, intervention operations, or quantitative and qualitative data collection	**RISSR** Recruitment, Intervention and Survey Shared Resource	Tasleem J. Padamsee, PhD, Faculty Director Heather Aker, MPH, Director	Heather.Aker@osumc.edu