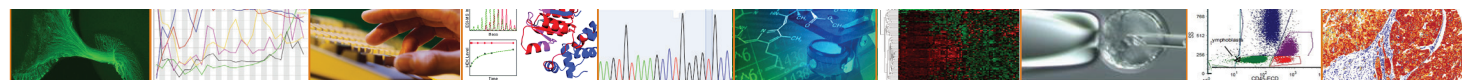


Investigators:

Do You Need Access to Technology and Services Outside Your Lab? Accessible Experts Are Here to Serve Investigators.

OHSU's cores are your campus technology partners dedicated to the success of your project.

For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.



We Work With You to Provide:

• One on one advice • Grant assistance • Experimental design • Scientific collaboration

Efficient Access to:

• Advanced equipment • Quality services • Key personnel

Advanced Computing Center -

Consulting, research storage, application hosting, support for research computing systems.

Marion Hakanson: acc@ohsu.edu | (503) 346-3575 | www.ohsu.edu/acc

Advanced Imaging Research Center -

Novel Magnetic Resonance Imaging (MRI), data analysis, and user education.

Bill Rooney: rooneyw@ohsu.edu | (503) 494-1840 | www.ohsu.edu/airc

Advanced Light Microscopy Core -

Access to and education on the use of advanced instrumentation for fluorescence microscopy in cells, tissues, and animals.

Stefanie Kaech Petrie: kaechs@ohsu.edu | (503) 494-3963 | www.ohsu.edu/almc

Bioanalytical/Pharmacokinetics Core -

Support and consultation for the analysis of small molecules in biological matrices using LC-MS/MS, GC/MS, or HPLC instrumentation. For bioanalysis under regulated conditions, enquire with Dr. DeBarber regarding services offered through Sterol Analysis Laboratory Core.

Andrea DeBarber: debarber@ohsu.edu | (503) 494-3154 | www.ohsu.edu/bsrpk

Bioinformatics -

Experimental design and analysis support for high dimensional data (e.g., RNA-seq, DNA-seq, ChIP-seq, CyTOF, etc), data stewardship, management, and dissemination support

Shannon McWeeney: mcweeney@ohsu.edu | (503) 494-8347 | www.ohsu.edu/octribioinformatics

Biostatistics & Design Program -

Statistical guidance, analysis, and study design for proposal development, grant submissions and research projects including: data management, statistical programming, report preparation, and assistance with manuscripts.

Jodi Lapidus: bdp@ohsu.edu | (503) 494-2551 | www.ohsu.edu/bdp

DNA Services -

Automated fluorescent "long read" capillary DNA sequence analysis, cell line authentication, and solid-phase oligonucleotide synthesis

Chris Harrington: harrinc@ohsu.edu | (503) 418-2737 | www.ohsu.edu/dnaseq

Elemental Analysis Core -

ICP-MS: determination of elemental content, sample preparation, data analysis, and consultation.

Martina Ralle: elemental.analysis.core@gmail.com | (503) 494-3225 | www.ohsu.edu/eac

Flow Cytometry -

Analytical flow cytometry, cell sorting, CyTOF, user education, user training, data analysis and consultation. Monoclonal antibody project design, immunizations, fusions, screening, expression and purification.

Mike Munks: munksm@ohsu.edu | (503) 494-6145 | <https://www.ohsu.edu/flow-cytometry-core>

Gene Profiling-

Microarrays (Affymetrix, Illumina) and real-time PCR for RNA profiling and DNA variation analysis; RNA/DNA isolation and quality assessment

Chris Harrington: harrinc@ohsu.edu | (503) 418-2737 | www.ohsu.edu/gpsr

Histopathology -

Specimen embedding sectioning, staining, and immunohistochemistry.

George Thomas: thomasge@ohsu.edu | (503) 494-9631 | www.ohsu.edu/hsr

KCVI Epigenetics Consortium -

Sample preparation and bioinformatics analysis for epigenetics assays (e.g. Methyl-seq, Chip-seq, ATAC-seq)

Lucia Carbone: carbone@ohsu.edu | (503) 494-7342 |

Massively Parallel Sequencing -

Sample preparation and genomic scale sequencing services on the Illumina HiSeq 2500 and NextSeq 500.

Robert Searles: searlesr@ohsu.edu | (503) 418-2736 | www.ohsu.edu/mpssr

Medicinal Chemistry Core -

Provides medicinal chemistry and chemical biology expertise and organic synthesis support to help researchers investigate the interactions between small molecules and biological systems.

Aaron Nilsen: nilsena@ohsu.edu | (503) 494-9134 | www.ohsu.edu/mcc

Multiscale Microscopy Core -

State-of-the-art electron and light microscopy facility providing imaging services, access and technical support to OHSU and external customers.

Claudia López: lopezcl@ohsu.edu | (503) 418-0186 | www.ohsu.edu/mmc

ONPRC Bioinformatics & Biostatistics Core (BBC) -

Supports all type of biostatistics and primarily DNA/RNA-sequencing-related bioinformatics. Provides analysis, study design, advising and grant support.

Suzi Fei: feis@ohsu.edu | (503) 346-5567 | www.ohsu.edu/bbc

Proteomics -

Mass spectrometric services to allow protein identification, detection of post-translational modifications, and profiling of changes in relative protein abundance.

Ashok Reddy: reddyas@ohsu.edu | (503) 418-1280 | www.ohsu.edu/proteomics

Small Animal Research Imaging Core-

MicroPET-SPECT/CT, high frequency ultrasound, and biophotonics imaging services to evaluate anatomy, tissue function, cellular and molecular phenotype, blood/fluid flow, and metabolism in vivo.

Bill Packwood: packwood@ohsu.edu | 503-494-9213 | www.ohsu.edu/saric

Transgenic Mouse Models -

Development of genetically engineered mouse models, cryopreservation, and other services.

Lev Fedorov: fedorovl@ohsu.edu | (503) 494-2822 | www.ohsu.edu/transgenics