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.
Steve Corbato: 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 -
Support and consultation for the analysis of small molecules using LC-MS/MS, GC/MS, or HPLC instrumentation.
Dennis Koop: koopd@ohsu.edu  |  (503) 494-7803  |  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: harringc@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 -
Cell sorting and analytical flow cytometry, data analysis, consultation, and user education and training.
Phil Streeter: facs@ohsu.edu  |  (503) 494-6145  |  www.ohsu.edu/flowcytometry

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

Bone Morphometry -
Morphometric analysis of bone microarchitecture.
Shannon McWeeney: mcweeney@ohsu.edu  |  (503) 494-8347  |  www.ohsu.edu/bm

Gene Profiling -
Microarrays (Affymetrix, Illumina) and real time PCR for RNA profiling and DNA variation analysis; RNA/DNA isolation and quality assessment.
Chris Harrington: harringc@ohsu.edu  |  (503) 418-2737  |  www.ohsu.edu/gpsr

Histopathology -
Specimen embedding sectioning, staining, and immunohistochemistry.
George Thomas: thomasge@ohsu.edu  |  (503) 494-5986  |  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  |  www.ohsu.edu/kcvicore

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.
Larry David: davidl@ohsu.edu  |  (503) 494-8625  |  www.ohsu.edu/proteomics

Transgenic Mouse Models -
Development of genetically engineered mouse models, cryopreservation, and other services.
Lev Fedorov: fodorovl@ohsu.edu  |  (503) 494-2822  |  www.ohsu.edu/transgenics

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