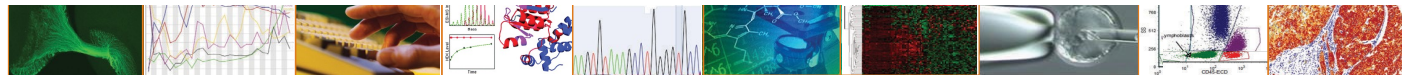


# Investigators:

## 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](mailto:acc@ohsu.edu) | (503) 346-3575 | [www.ohsu.edu/acc](http://www.ohsu.edu/acc)

### Advanced Imaging Research Center

Specializes in generating novel Magnetic Resonance techniques and technologies for the advancement of biomedical research. The AIRC provides services in Magnetic Resonance Imaging (MRI), Magnetic Resonance Spectroscopy (MRS), data processing specific to MR data, and a computing cluster for MR specific data storage and analysis. MR instruments include 3T, 7T, and 11.7T MRI.

Bill Rooney: [rooneyw@ohsu.edu](mailto:rooneyw@ohsu.edu) | (503) 494-1840 | [www.ohsu.edu/airc](http://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](mailto:kaechs@ohsu.edu) | (503) 494-3963 | [www.ohsu.edu/almc](http://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](mailto:debarber@ohsu.edu) | (503) 494-3154 | [www.ohsu.edu/bsrpk](http://www.ohsu.edu/bsrpk)

### 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](mailto:bdp@ohsu.edu) | (503) 494-2551 | [www.ohsu.edu/bdp](http://www.ohsu.edu/bdp)

### Center for Radiochemistry Research

Radiosynthesis and quality assurance of radiolabeled molecules for imaging and bench top use, consulting on appropriate radiopharmaceuticals and their use in experiments, preparations of INDs for radiopharmaceutical use in humans.

Sanjay Malhotra: [malhotsa@ohsu.edu](mailto:malhotsa@ohsu.edu) | (503) 494-4524 | [www.ohsu.edu/knight-cardiovascular-institute/center-radiochemistry-research](http://www.ohsu.edu/knight-cardiovascular-institute/center-radiochemistry-research)

### Elemental Analysis Core

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

Martina Ralle: [elemental.analysis.core@gmail.com](mailto:elemental.analysis.core@gmail.com) | (503) 494-3225 | [www.ohsu.edu/ea](http://www.ohsu.edu/ea)

### Flow Cytometry

Cell sorting and analytical flow cytometry, data education and training. Monoclonal antibody screening, expression and purification.

Mike Munks: [munksm@ohsu.edu](mailto:munksm@ohsu.edu) | (503) 494-6145 | [www.ohsu.edu/flow-cytometry-core](http://www.ohsu.edu/flow-cytometry-core)

### Histopathology Shared Resource

Specimen embedding, sectioning, staining, and immunohistochemistry

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

### Integrated Genomics Lab

Technologies, services, and expertise for genome-wide and targeted RNA and DNA analysis.

Robert Searles: [searlesr@ohsu.edu](mailto:searlesr@ohsu.edu) | (503) 418-2736 | [www.ohsu.edu/integrated-genomics-laboratory](http://www.ohsu.edu/integrated-genomics-laboratory)

### Medicinal Chemistry Core

Investigates the interactions between small molecules and biological systems by providing medicinal chemistry and chemical biology expertise and organic synthesis support.

Aaron Nilsen: [nilsena@ohsu.edu](mailto:nilsena@ohsu.edu) | (503) 494-9134 | [www.ohsu.edu/mcc](http://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](mailto:lopezcl@ohsu.edu) | (503) 418-0186 | [www.ohsu.edu/mmcc](http://www.ohsu.edu/mmcc)

### Proteomics Shared Resource

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](mailto:reddyas@ohsu.edu) | (503) 418-1280 | [www.ohsu.edu/proteomics](http://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](mailto:packwood@ohsu.edu) | 503-494-9213 | [www.ohsu.edu/saric](http://www.ohsu.edu/saric)

### Transgenic Mouse Models

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

Yingming Wang: [yingming@ohsu.edu](mailto:yingming@ohsu.edu) | (503) 494-2822 | [www.ohsu.edu/transgenics](http://www.ohsu.edu/transgenics)



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