

The Ohio State University Medical Center  
Dorothy M. Davis Heart and Lung Research Institute

**Core Lab Operational Values**

There are five core laboratories in the Dorothy M. Davis Heart and Lung Research Institute (DHLRI). They are Genetics/Microarray, Bioinformatics/Computational Biology, Flow Cytometry, Microscopy and Proteomics. These central laboratories are a shared, Institute-operated resource made available to all DHLRI members to support their specialized research needs.

- To fulfill the mission and "Statement of Values" of the Institute.
- To provide to investigators in the DHLRI and elsewhere state-of-the-art laboratory support facilities and instrumentation on a 24 hours a day/7 days a week basis.
- To provide scientific leadership, expertise, consultation and advice to investigators, staff and trainees.
- To support and enhance the scientific endeavors of Institute investigators and staff.
- To train staff on the appropriate use of equipment, so that they can derive the greatest benefit from these facilities.
- To operate the core lab in a business-like manner in order to optimize customer satisfaction and efficient operations.
- To seek out and make available new technologies, software and instrumentation for the laboratories.
- To serve as consultants to investigators and staff.
- To assist investigators and staff with study design, as well as in the review of grant applications and manuscripts.

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