iLab Core Management System

The Analytical and Assay Core and the Histology Core in the Department of Physiology at the University of Mississippi have moved to an online submission system. Directions for registering with the iLab system and for submitting service requests are detailed below. If you are already a user of iLab via another institution, you do not need to register but can log into our core system using your already established iLab credentials.

The login page for use of the Analytical Assay Core is:
https://my.ilabsolutions.com/service_center/show_external/5600/analytical_and_assay_core

The login page for use of the Histology Core is:
https://my.ilabsolutions.com/service_center/show_external/5601/histology_core

If you have any questions, please reach out to our Core Lab Managers:

Analytical Assay Core: Elizabeth Flynn, eflynn@umc.edu
Histology Core: Josh Jefferson, jjefferson@umc.edu

Basic User Registration:

All Core Users must have an iLab account to request services. To use this service your Principal Investigator (PI) must have an account and set up access for members of their research team to register as a basic user. If you have an account from using another iLab service as a basic user for your PI, you do not need to make a new account.

To register for an account:

1. Navigate to either of the core iLAB webpages:
   The login page for use of the Analytical Assay Core is:
   https://my.ilabsolutions.com/service_center/show_external/5600/analytical_and_assay_core
   The login page for use of the Histology Core is:
   https://my.ilabsolutions.com/service_center/show_external/5601/histology_core
2. In the upper-right-hand corner of the screen click ‘Register,’ and go through the registration wizard. (Make sure to select your PI)
3. Once your registration has been submitted, you will receive an email confirming your submission.
4. Once your account has been approved, you will receive an email with login information.
5. Your registration for iLAB will cover use of the Analytical and Assay or Histology Cores.
6. The link for access to iLAB is also found on each Core’s main page
7. Please note that the PI of your research team must register first then accept you as part of their Team before you can move forward. Please let us know if you need us to contact your specific PI to initiate this process. Contact information includes the following:
   - Analytical Assay Core: Elizabeth Flynn, eflynn@umc.edu
   - Histology Core: Josh Jefferson, jjefferson@umc.edu
Sign in and Registration: UMMC Physiology iLab Cores

Analytical and Assay Core

Overview of Services

The Analytical and Assay Core is a core facility in the Department of Physiology and Biophysics. Its main goal is to provide support for various radiomunoassays, enzyme-linked immunoassays (ELISA), molecular and chemical analyses.

These facilities and services are a resource for the Department of Physiology and Biophysics, UMMC collaborators and other educational and research institutions on a fee-for-service basis.

The specific aims of this core are:

- To provide and ensure uniform methods for collection, labeling, transporting, storage and analysis of biological samples, including plasma, urine and tissues.
- To provide accurate and timely analyses of these samples.
- To provide supervision of commonly used analytical procedures.
- To provide maintenance for equipment used by multiple investigators in different projects in the department and to train new personnel in the proper use of the equipment.
- To provide hardware and software for computerized collection and retrieval of data from radiation counters.
- To reduce the expenditure of research funds by bulk purchasing of supplies at discount and by sharing equipment, instruments and facilities to serve multiple investigators.
- To provide expertise and equipment to develop new and improve existing assays.
- To provide personnel needed to ensure compliance with regulations in radiation safety, and handling of blood-borne pathogens and hazardous chemicals.

Elizabeth Flynn, the laboratory manager has more than 10 years of experience performing radioimmunoassays and other biochemical assays. Dr. Barbara Alexander is the overall core leader and coordinates administrative and budgetary components of the core.

Leadership

Elizabeth Flynn  Project Manager
Barbara Alexander  Core Director

Location and hours of operation
Registration Page: UMMC Physiology iLab Cores

Registration:
Uses your Institutional email address for log in access.
iLab Basic User Registration: Personal Information

You are requesting access to the Help Site Documentation Institution’s service centers.

* First Name

* Last Name

Phone Number

* I am affiliated with the following institution

  Please type the name of your institution

* What is your primary role at the above?

  Please select a role

Select UMMC  (Mississippi Medical)

Select Basic User
iLab Sign in and Registration: Basic User

Group Associations

Basic User Selects PI