

iLab Introduction

Cell & Developmental Biology (CDB) Microscopy Core

Perelman School of Medicine



iLab Links

Link to the
CDB Microscopy Core:

https://med-upenn.corefacilities.org/service_center/show_external/5618

There is also a link to all iLab cores at Penn Medicine:

<https://med-upenn.corefacilities.org/landing/264>

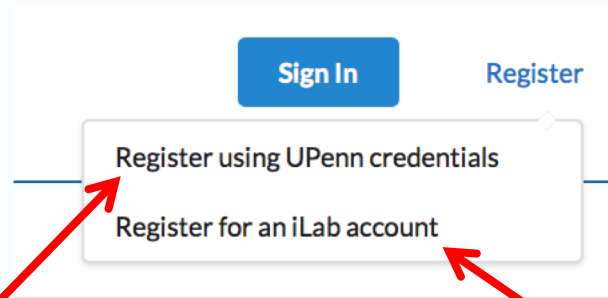
New User Registration

The opening page for iLab includes the option to sign in or register as a new user.



To register as a new user, please click the “Register” button – the following dropdown menu will become available.

New User Registration



PENN USERS:
Select the “Register using UPenn credentials” button and follow the instructions.

EXTERNAL USERS:
Select the “Register for an iLab account” button and follow the instructions.

PENN USERS:

IMPORTANT STEPS FOR REGISTERING AS A NEW USER

1. iLab will ask which PI's lab you belong to.
 2. You must have funds assigned to request services.
 3. Ask your PI or BA to assign accounts to you in CAMS before using iLab.
-
1. CAMS account assignments are copied into iLab overnight.

Penn User Sign In

To sign into the iLab system, please use your Penn credentials



Penn Medicine

Sign In

Register

About

Cell & Developmental Biology (CDB) Microscopy Core

A screenshot of the Penn WebLogin page. It features the Penn University of Pennsylvania logo at the top. Below the logo, the text "Penn WebLogin" is followed by a description: "Log in to gain access to many protected University web resources." There is a "PennKey" section with "Username" and "Password" fields. The username field contains the text "asecrete". Below the fields is a "Log in" button. At the bottom, there are links for "Forgot PennKey username / password?", "Test Your PennKey", "Change My Password", and "About Penn WebLogin".

Penn
UNIVERSITY OF PENNSYLVANIA

Penn WebLogin
Log in to gain access to many protected University web resources.

PennKey

Username

Password

[Log in](#)

[Forgot PennKey username / password?](#)

[Test Your PennKey](#)

[Change My Password](#)

[About Penn WebLogin](#)

The Penn credentials are your Penn Key name and password.


Select from the tabs to request services
or schedule equipment time

Click the
triangle to
choose
equipment

Agilent CrossLab | iLab Operations Software

Search... Go Marie Researcher

Cell & Developmental Biology (CDB) Microscopy Core

 Penn Medicine


About Our Core **Schedule Equipment** Request Services View My Requests Contact Us PO (0)

Schedule Resources Timeline View

Please note instruments at the CDB Microscopy core are available to trained users only.
You can request training [here](#).

- ▶ [Camera-based Confocals \(2\)](#)
- ▶ [Laser-scanning Confocals \(5\)](#)
- ▶ [Offline Workstations \(2\)](#)
- ▶ [Scanning EM \(1\)](#)
- ▶ [Specialized Systems \(2\)](#)
- ▼ [Widefield Microscopes \(3\)](#)

EVOS FL Auto Imager [description](#) [pricing](#) View Schedule



Located in room 01-127 SCTR. Microscope is **inverted** and compatible with plastic-bottomed dishes and plates (as well as coverglass-bottomed vessels and slides topped with coverslips). Equipped with color and monochrome cameras.

Scheduling Equipment

Cell & Developmental Biology (CDB) Microscopy Core



Penn Medicine

[About Our Core](#)

[Schedule Equipment](#)

[Request Services](#)

[View My Requests](#)

[Contact Us](#)

[PO \(0\)](#)

Schedule Resources

[Timeline View](#)

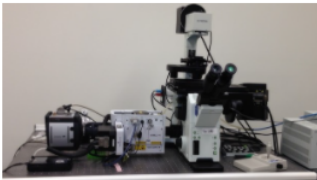
Please note instruments at the CDB Microscopy core are available to trained users only.

You can request training [here](#).

▼ Camera-based Confocals (2)

[Spinning Disk Confocal](#) [description](#) [pricing](#)

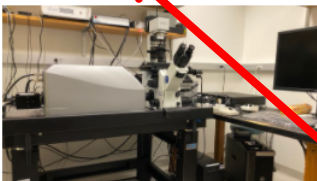
[View Schedule](#)



Located in room 1175D BRB. Microscope is **inverted** to allow use of coverglass-bottomed dishes (as well as slides topped with coverslips). Equipped with an Andor iXon Ultra 897 EM-CCD camera.

[Vistech VT-iSIM](#) [description](#) [pricing](#)

[View Schedule](#)



Located in room 1175B BRB. Microscope is **inverted** to allow use of coverglass-bottomed dishes (as well as slides topped with coverslips). Equipped with a Hamamatsu ORCA Flash 4.0 sCMOS monochrome camera.

In the “Schedule Equipment” tab
find the equipment,
and click ‘view schedule’.

Scheduling Equipment

After clicking the view schedule option, you will see this screen:

The screenshot shows the Agilent CrossLab iLab Operations Software interface. The top navigation bar includes the Agilent CrossLab logo, the text "iLab Operations Software", a search bar, and user information for "Marie Researcher". The main content area displays the "View Schedule" for the "Spinning Disk Confocal" equipment. The calendar view shows a week from Monday, Dec 7 to Friday, Dec 11, 2020. A reservation is shown for Tuesday, Dec 8, from 10:30 AM to 12:00 PM. A red arrow points to this reservation block with a text box explaining how to select reservation time.

Cell & Developmental Biology (CDB) Microscopy Core > View Schedule

Spinning Disk Confocal

Week (5 Days) Mon, 07 Dec - Fri, 11 Dec 2020 Eastern Time (US & Canada)

	Mon, 07 Dec	Tue, 08 Dec	Wed, 09 Dec	Thu, 10 Dec	Fri, 11 Dec
00:00 AM					
07:00 AM					
08:00 AM					
09:00 AM	Self use Assisted use Training	Self use Assisted use Training	Self use Assisted use Training	Self use Assisted use Training	Self use Assisted use Training
10:00 AM		10:30 AM - 12:00 PM			
11:00 AM					
12:00 PM					
01:00 PM					
02:00 PM					
03:00 PM					
04:00 PM					

Click and drag your cursor across the calendar to select your reservation time

Scheduling Equipment

After entering your funding source, click Save to continue

Your reservation will appear on the calendar

General

Comments

Contacts

Times

Start

End

Scheduled Dec 08 2020 10:30 AM Dec 08 2020 12:00 PM

This event can be modified or deleted before 08:30 AM EST on Dec 08, 2020

Use and cost of reservation

Duration	Effective Rate	Amount	Use Type
1.5 hours	\$35.00	= \$52.50	Self use Base Rate
1.5 hours	Total Cost	\$52.50	Academic (External)

[Pricing Details](#)

Payment information

Please enter the Standing PO. You will have the opportunity to review the quote before being billed.

%
1 100.0 %

Standing PO

Please select

[Add new PO](#)

100.0%

Total Allocated

[+ Split Charge](#)

☒ Use the same payment information for all add-on charges

[Invite additional people to this event by email](#)

[Save Reservation](#)

[Cancel Changes](#)

	Mon, 07 Dec	Tue, 08 Dec
00:00 AM		
07:00 AM		
08:00 AM		
09:00 AM	Self use Assisted use Training	Self use Assisted use Training
10:00 AM		10:30 AM - 12:00 PM Marie Researcher Self use / Price: \$35/hr (Trained)
11:00 AM		
12:00 PM		

Scheduling Equipment


Please note:

If you must cancel your scheduled session, log into the system and delete it from the calendar as soon as possible, or you will be charged for the session.

Ordering Core Services

On the Request Services tab, click the “request service” button for the desired service.


Cell & Developmental Biology (CDB) Microscopy Core



Penn Medicine

About Our Core | Schedule Equipment | **Request Services** | View My Requests | Contact Us | PO (0)

▼ Service list

Search available services: 

Confocal Training Includes: pre-training lecture, access to training videos, remote desktop training, and in-person training with a staff member. It also includes the first two hours of self-use as long as they occur within 1 month of the training date. * per training	request service \$300.00 (Academic (External))
SEM Sample Prep A Fix, ethanol dehydration, chemical drying, per set of 6 samples.	request service \$200.00 (Academic (External))
SEM Sample Prep B Sample mounting and Au-Pd sputter coating, per set of 6 samples	request service \$100.00 (Academic (External))

Requesting Services

1. Use the drop down arrow to choose a fund for payment.
2. Submit your request to the core.

[About Our Core](#) [Schedule Equipment](#) [Request Services](#) [View My Requests](#) [Contact Us](#) [PO \(0\)](#)

SEM Sample Prep A

Request Name:
Customer: Marie Researcher Lab: iLab Test (Testing) Lab
Email: marie.researcher@ilabx.com Phone: 123-4567

Forms and Request Details

(see bottom of list to add items to this request)

▶ Dec 07 09:14 AM	SEM Sample Prep A	Quantity: <input type="text" value="1.0"/>	Unit Price: \$200.00	Total: \$200.00	Billing Status: Not Ready To Bill	Work Status: Proposed	
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Cost

The core will review and update this projected cost. You will only be billed for completed work.

Total Projected Cost: \$

Payment Information

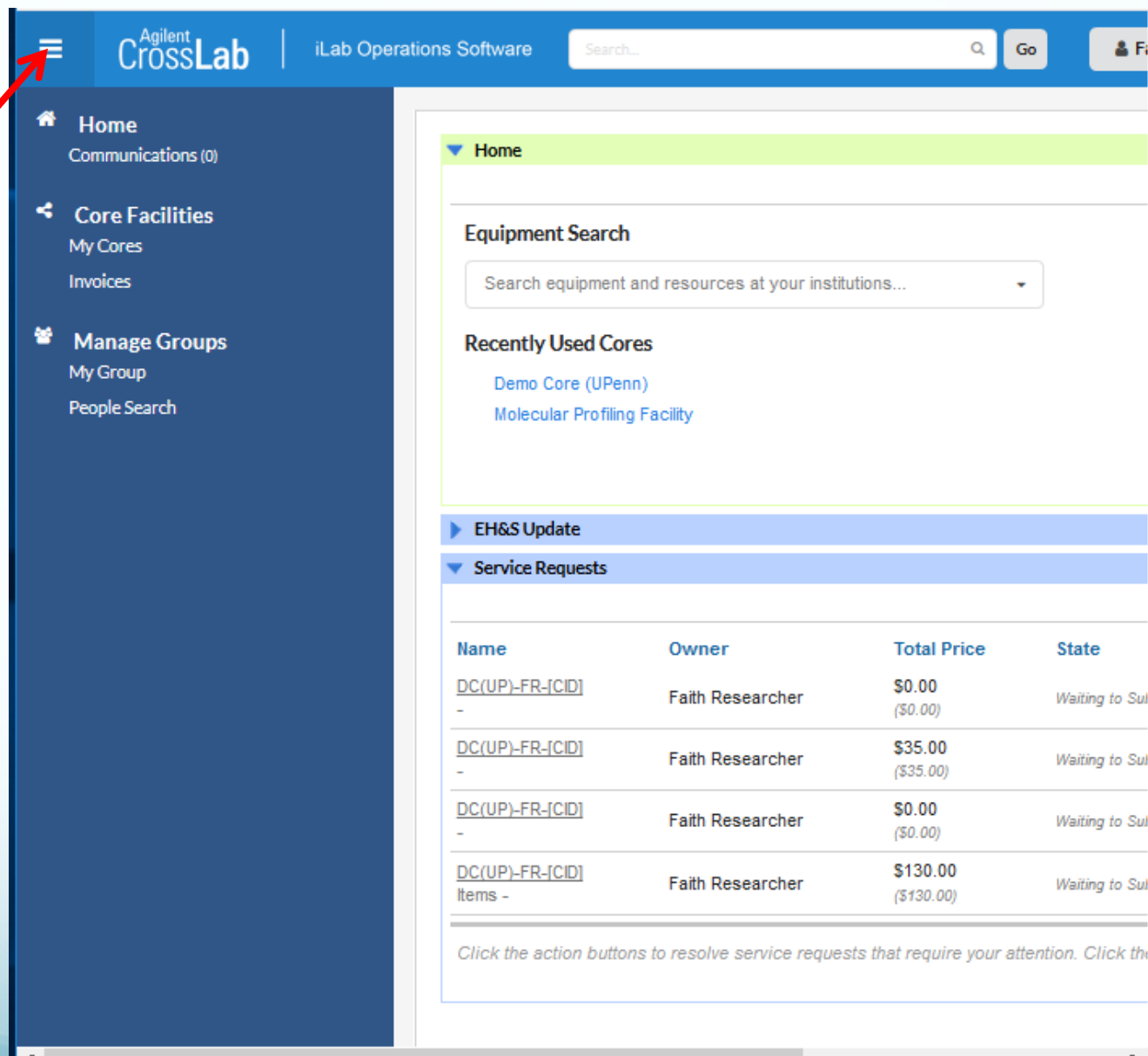
Please enter the Standing PO.
You will have the opportunity to review the quote before being billed.

%
1 %

Standing PO
 [Add new PO](#)

100.0% Total Allocated

You can click the menu bars for access to your iLab “Home” page and other resources.



The screenshot shows the Agilent CrossLab iLab Operations Software interface. The top navigation bar is blue and contains the Agilent CrossLab logo, the text "iLab Operations Software", a search bar, and a "Go" button. A red arrow points from a text box to the menu icon (three horizontal lines) in the top left corner of the interface.

The left sidebar is dark blue and contains the following menu items:

- Home
 - Communications (0)
- Core Facilities
 - My Cores
 - Invoices
- Manage Groups
 - My Group
 - People Search

The main content area is white and contains the following sections:

- Home** (highlighted in green)
- Equipment Search**
 - Search equipment and resources at your institutions...
- Recently Used Cores**
 - [Demo Core \(UPenn\)](#)
 - [Molecular Profiling Facility](#)
- EH&S Update** (highlighted in blue)
- Service Requests** (highlighted in blue)

The Service Requests section displays a table with the following data:

Name	Owner	Total Price	State
DC(UP)-FR-[CID] -	Faith Researcher	\$0.00 (\$0.00)	Waiting to Sul
DC(UP)-FR-[CID] -	Faith Researcher	\$35.00 (\$35.00)	Waiting to Sul
DC(UP)-FR-[CID] -	Faith Researcher	\$0.00 (\$0.00)	Waiting to Sul
DC(UP)-FR-[CID] Items -	Faith Researcher	\$130.00 (\$130.00)	Waiting to Sul

Click the action buttons to resolve service requests that require your attention. Click the

iLab access issues

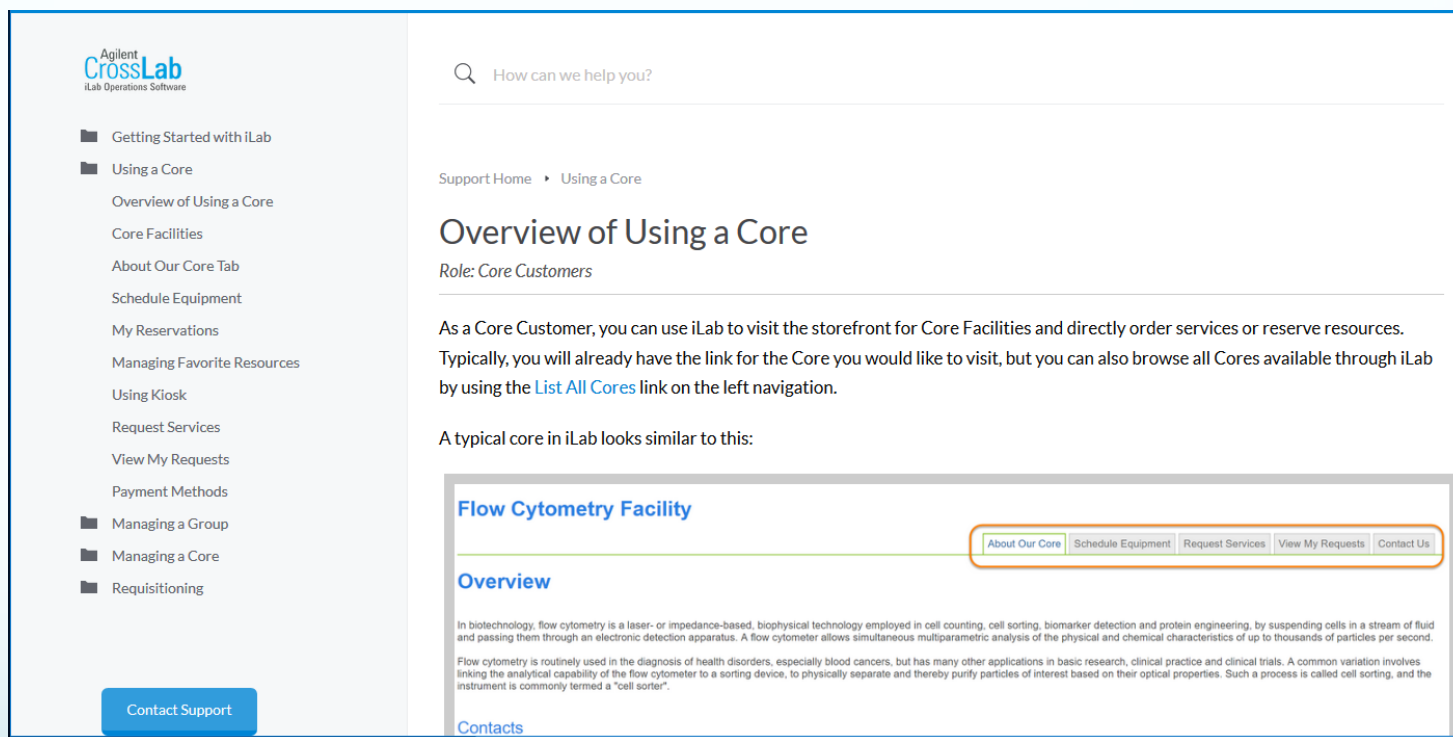
If you are unable to access iLab
Or have problems registering

- Please send an e-mail to iLab.Support@pennmedicine.upenn.edu and describe the issue.
- iLab support can help with funding source issues, please have your PI or department BA grant access to an account in CAMS.

Additional Resources

iLab documentation:

<https://help.ilab.agilent.com/37179-using-a-core/264646-using-a-core-overview>



The screenshot displays the Agilent iLab Operations Software documentation page. On the left is a navigation menu with categories like 'Getting Started with iLab', 'Using a Core', 'Managing a Group', and 'Managing a Core'. The main content area is titled 'Overview of Using a Core' and includes a search bar at the top. Below the title, it states 'Role: Core Customers' and provides an overview of how to use iLab as a core customer. A section titled 'Flow Cytometry Facility' is highlighted with a red box, showing an 'Overview' of the facility and its capabilities. A red arrow points from the URL in the text above to this specific page.

Penn Medicine's iLab website: <https://www.med.upenn.edu/pmacs/iLab.html>