

Infectious Disease LabVantage Viewer Help

Workflow for Infectious Disease Labs Viewer Role

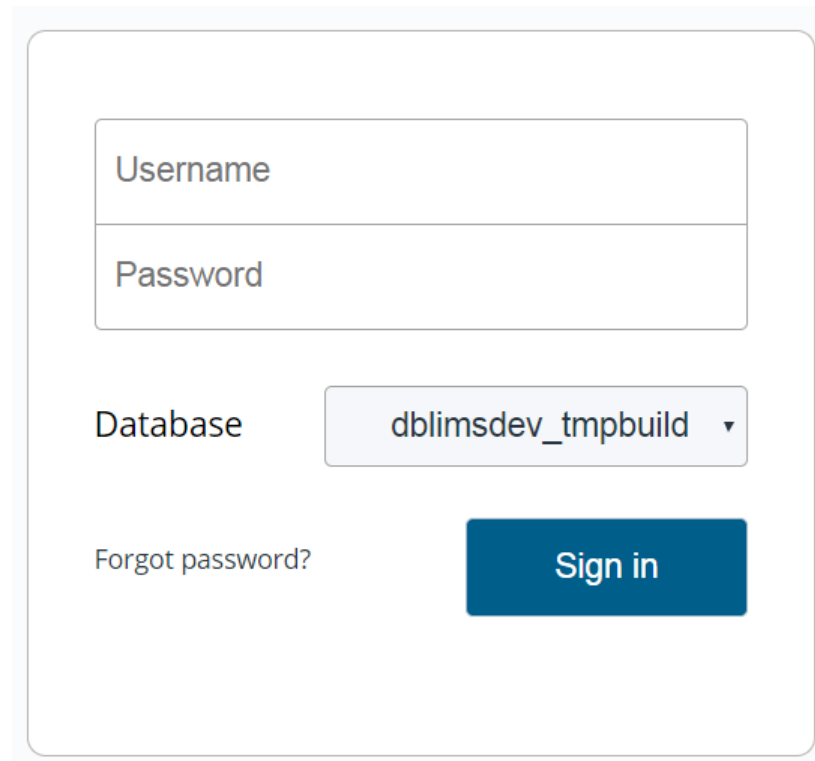
**Enterprise Research Applications – LIMS
Penn Medicine Academic Computing Services**

January 2020



Logging On

- ◆ Go to <https://lims.pmacs.upenn.edu/limsprod/logon.jsp>
- ◆ Enter username/password

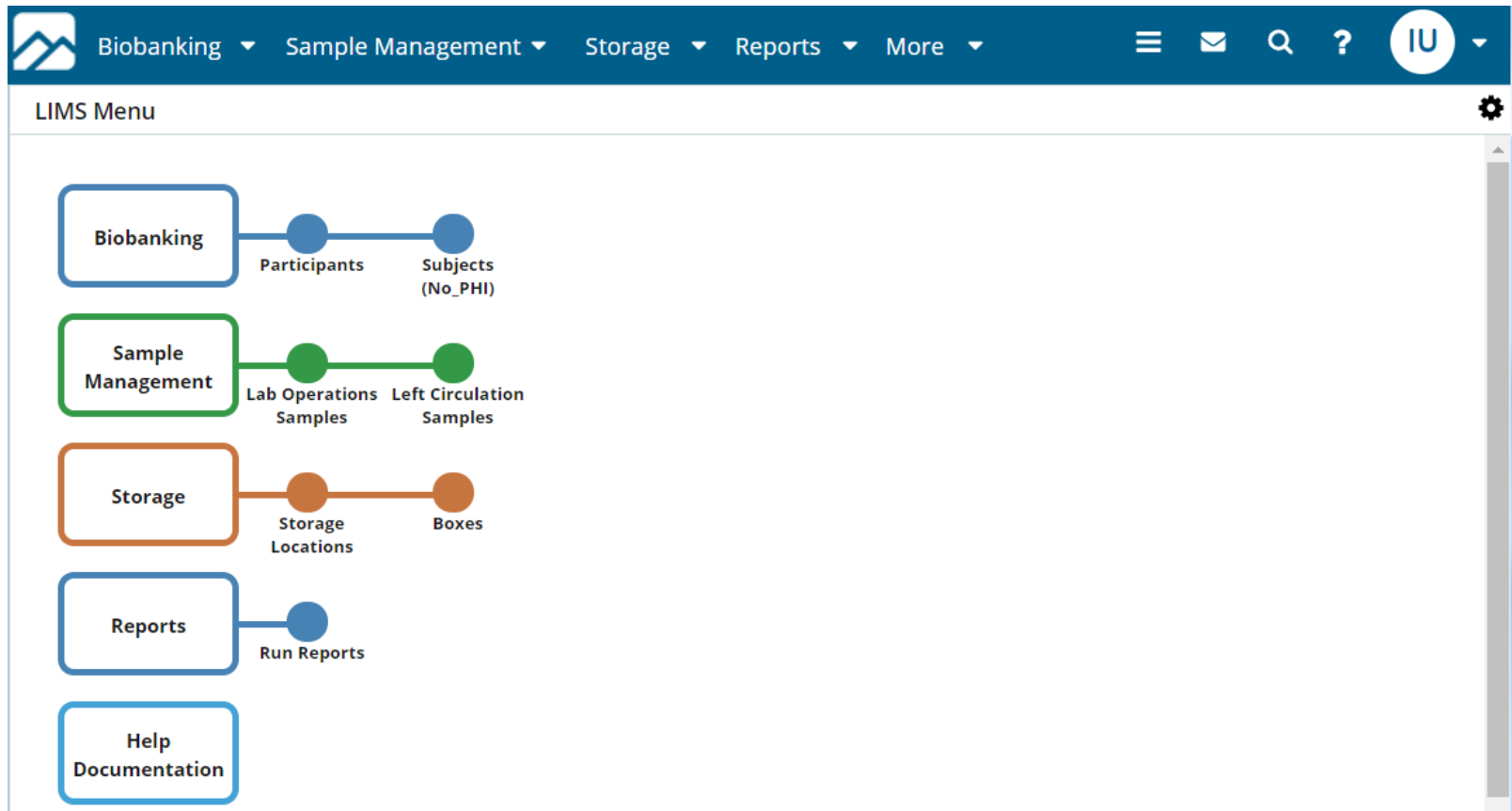


The screenshot shows a login form with the following elements:

- A text input field labeled "Username".
- A text input field labeled "Password".
- A label "Database" next to a dropdown menu showing "dblimsdev_tmpbuild".
- A link labeled "Forgot password?".
- A blue button labeled "Sign in".

Navigating LabVantage

- ◆ Upon entering credentials and signing in, the LIMS Sitemap Menu will be displayed



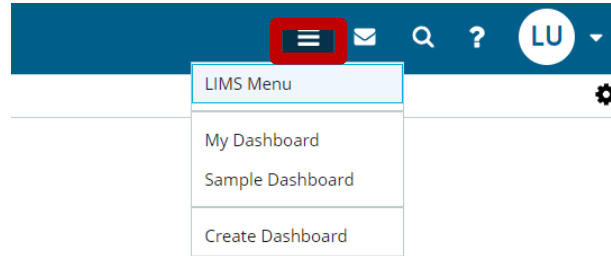
Navigating LabVantage

- ◆ The drop down menus at the top of the screen can be utilized to navigate between different pages without returning to the LIMS Menu

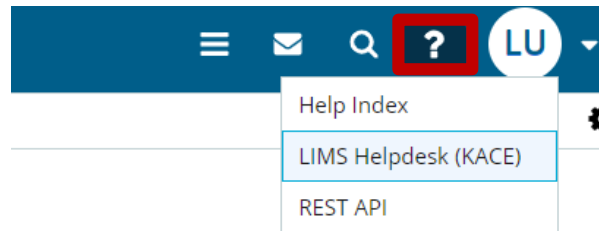
The screenshot displays the LabVantage user interface. At the top, a dark blue navigation bar contains several dropdown menus: 'Biobanking', 'Sample Management', 'Storage', 'Reports', and 'More'. To the right of these menus are icons for a hamburger menu, email, search, help, and a user profile icon labeled 'IU'. Below the navigation bar, a white sidebar menu is visible, listing 'Participants' and 'Subjects (No PHI)' under the 'Biobanking' section. The main content area features a series of colored boxes representing different functional areas, each with a corresponding diagram of its sub-components: 'Biobanking' (blue box) with 'Participants' and 'Subjects (No PHI)'; 'Sample Management' (green box) with 'Lab Operations Samples' and 'Left Circulation Samples'; 'Storage' (orange box) with 'Storage Locations' and 'Boxes'; 'Reports' (blue box) with 'Run Reports'; and 'Help Documentation' (blue box).

Navigating LabVantage

- ◆ The stacked lines icon at the top right of the screen can be utilized to return to the LIMS Menu or access the Dashboard

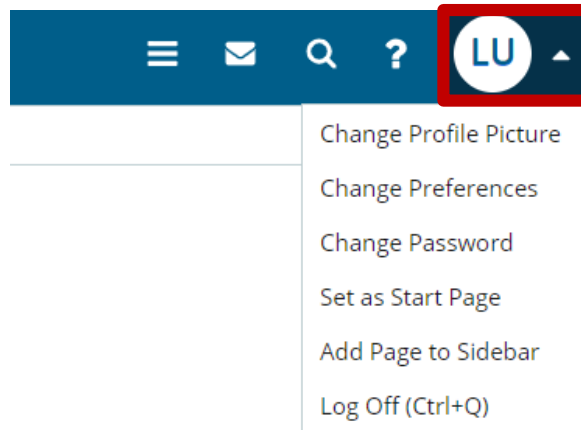


- ◆ The question mark icon at the top right of the screen can be utilized to submit a ticket to the LIMS Helpdesk via KACE



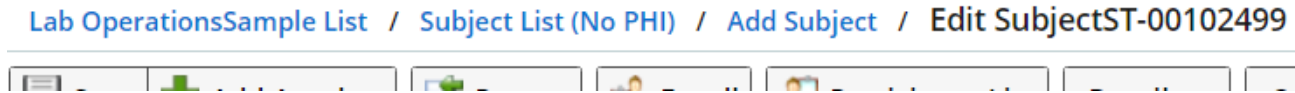
Navigating LabVantage

- ◆ The user icon at the top right of the screen can be utilized to personalize your user profile and change user preferences, such as adding contact information, and is also used to log off the system

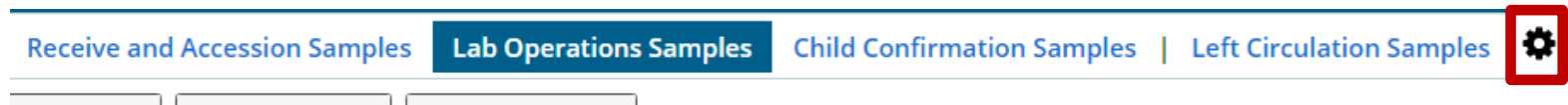


Navigating Labvantage: Tips

- ◆ The top bar can either display the pages most recently visited:



- ◆ Or related pages from the same tramline/menu:



- ◆ To toggle the top bar menu, select the gear on the upper right

Subjects and Participants

LabVantage Terminology

◆ Subjects vs. Participants



- ◆ Subjects and Participants are separate, but linked entities
- ◆ **Subject:** refers to the organism that produced the material for the sample, and can store basic non-phi subject information

Edit SubjectST-00025336

Save Add Another Return Enroll Participant List Details Other Tasks

^ Subject

Subject Id	ST-00025336
Description	DEMO TEST
Notes	

LabVantage Terminology

◆ Subjects vs. Participants



- ◆ **Participant**: A Participant is a record of the Subject's enrollment into a Study. A Subject can therefore be enrolled into multiple studies, receiving a unique participant identifier for each study

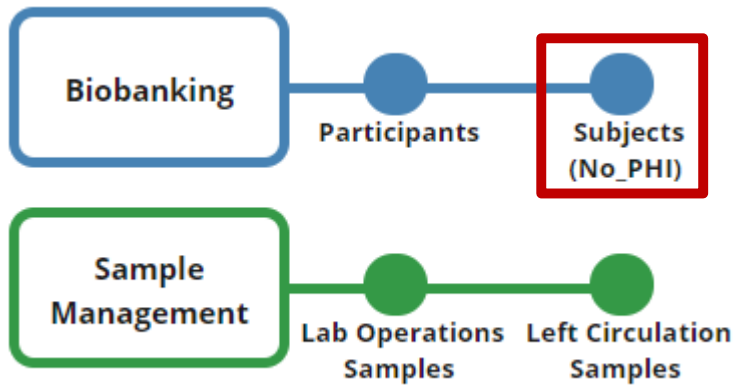
Edit Participant

Participant	Subject		
Participant	P-00024367	Protocol Revision	1
Study	CCI_UPCC46417	External Participant ID *	TEST_fn
Cohort	Participant ▼	Enrolling Site	UPHS
Enrollment Date	May 8, 2018	Status	Enrolled

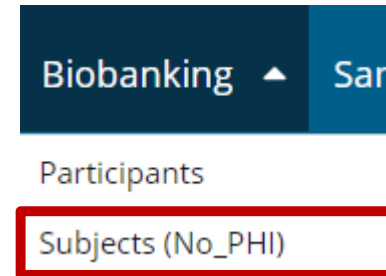
- ◆ **External Participant ID**: The unique lab-generated ID that each participant enrolled into a study receives. This is used to easily identify all samples associated with the participant

View Subject Information

- ◆ From Biobanking menu select Subjects (No_PHI)



OR



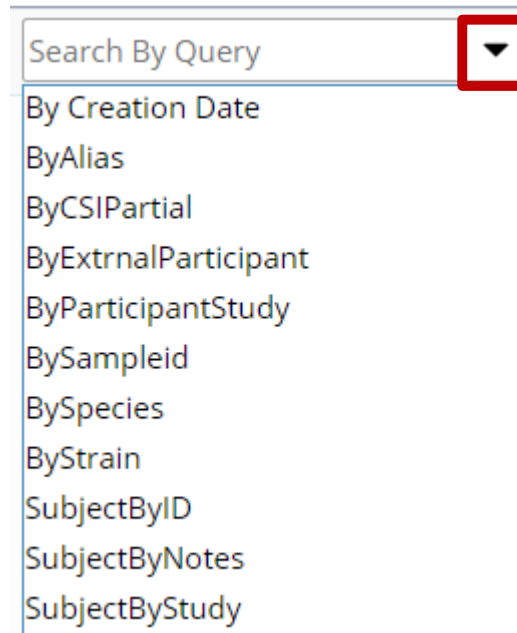
View Subject Information: Queries

- ◆ To search for all available subjects, click  without entering anything in the search field



A search input field with the placeholder text "Search" and a magnifying glass icon on the right side. The magnifying glass icon is highlighted with a red square.

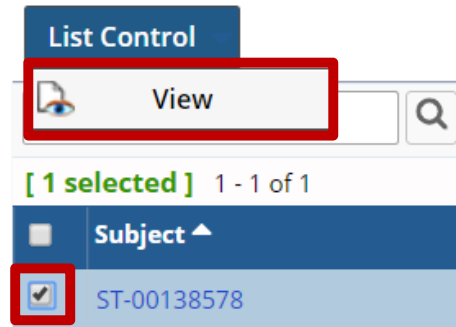
- ◆ To search for a specific subject, choose the desired query from the “Search by Query” dropdown



A dropdown menu titled "Search By Query" with a downward arrow icon on the right side. The dropdown is open, showing a list of search queries: By Creation Date, ByAlias, ByCSIPartial, ByExtrnalParticipant, ByParticipantStudy, BySampleid, BySpecies, ByStrain, SubjectByID, SubjectByNotes, and SubjectByStudy. The dropdown menu is highlighted with a red square.

View Subject Information

- ◆ Select checkbox by subject and click “View” under “List Control”



- ◆ Enrollments attributes, and notes may be viewed

^ Subject

Subject Id	ST-00138578
Description	LBI Test
Notes	

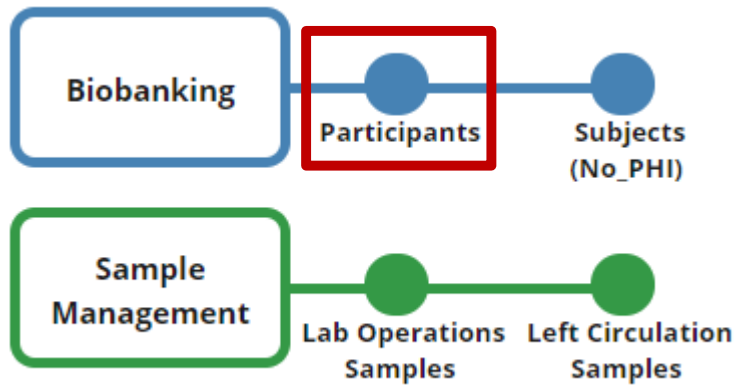
^ Enrollments

Participant	Status	Study	Enrolling Site	Protocol Revision	Cohort	External Participant ID	Enrolled On	Co
P-00133786	Enrolled	LBI_LUNGMAP	UPHS	1	Participant	TestREDCapID	Jul 23, 2019 3:24 PM	

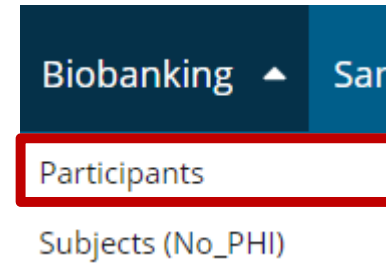
^ Attributes

View Participant Information

- ◆ From the Biobanking menu select Participants



OR



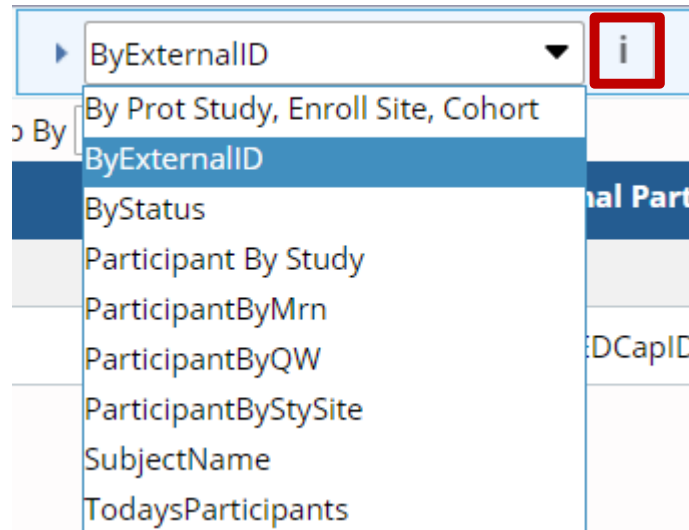
View Participant Information: Queries



- ◆ To search for all available subjects, click  without entering anything in the search field



Search 

- ◆ To search for a specific subject, choose the desired query from the “Search by Query” dropdown

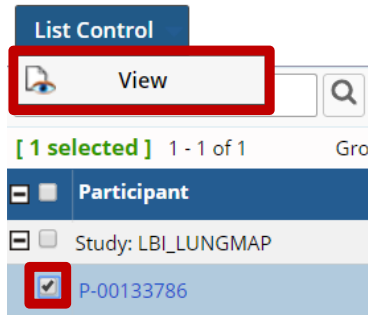


By  

- By Prot Study, Enroll Site, Cohort
- ByExternalID**
- ByStatus
- Participant By Study
- ParticipantByMrn
- ParticipantByQW
- ParticipantByStySite
- SubjectName
- TodaysParticipants

View Participant Information

- ◆ Select checkbox by subject and click “View” under “List Control”



- ◆ Visits and Samples may be viewed on their respective tabs

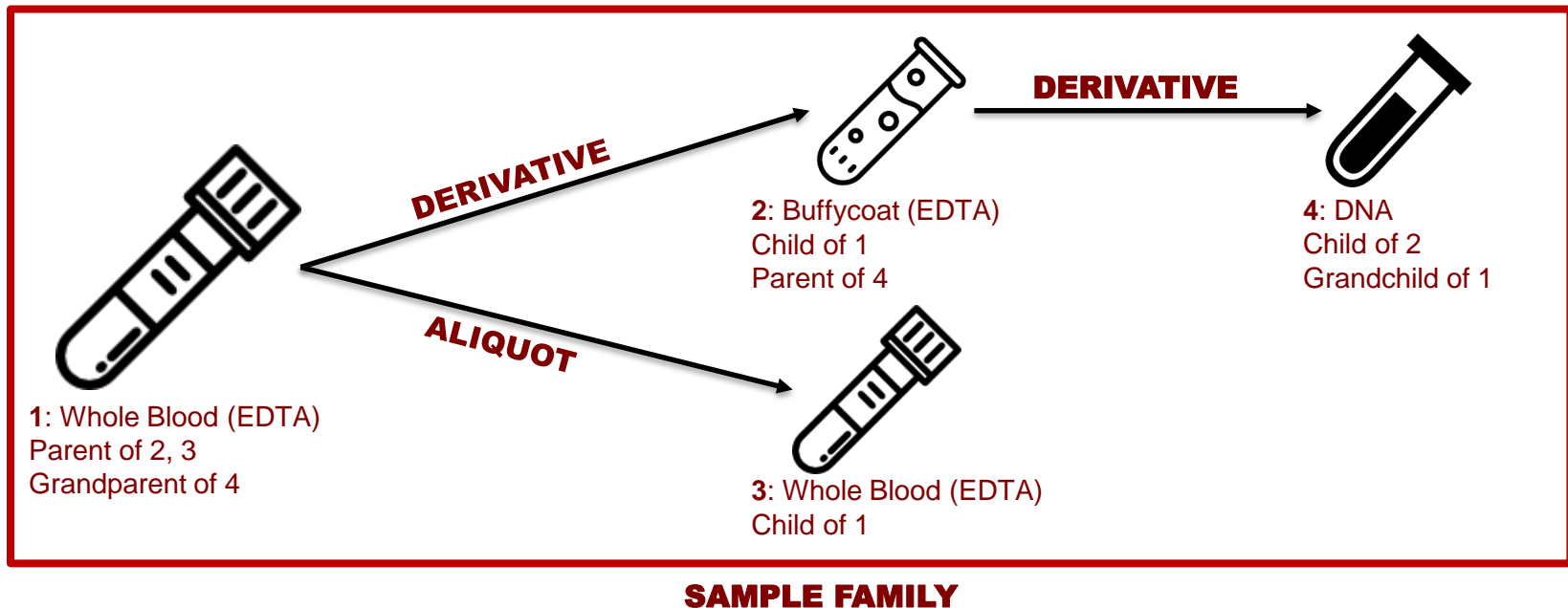
Participant		Subject	
Participant	P-00133786	Protocol Revision	1
Study	LBI_LUNGMAP	External Participant ID *	TestREDCapID
Cohort	Participant		
Enrolling Site	UPHS		
Enrollment Date	7/23/19 3:24 PM	Status	Enrolled
Consent Status			

Visits		Samples								
Sample	Parent Sample	Box	Pos in Box	Visit	Tissue Type	SampleType	Container Type	Status	Disposal Status	Label
1 S-190723-00030						Fresh Tissue		Disposed	Consumed	

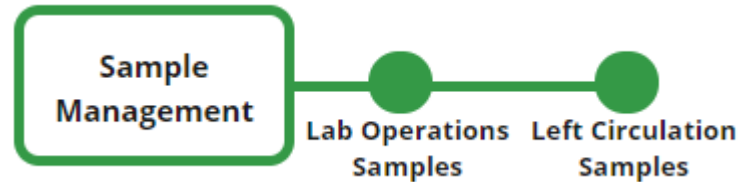
Samples and Sample Families

Sample Relationship Terminology

- ◆ **Parent Sample** - a sample from which other samples (aliquots or derivatives) are created
- ◆ **Child Sample** – a sample that was created from another sample
 - Derivative – a child sample that has a different sample type than its parent
 - Aliquot – a child sample with the same sample type of the parent
- ◆ **Sample Family** – the original parent sample and any descendent children/grandchildren/etc



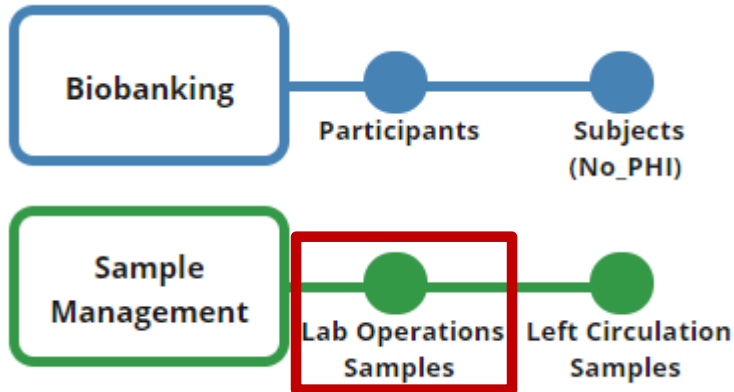
Sample Status and List Page Terminology



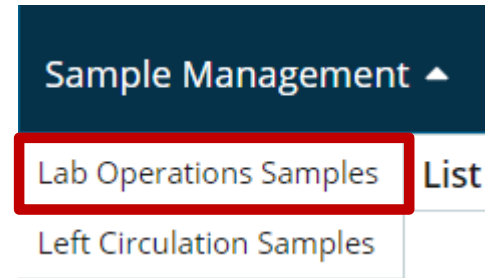
- ◆ **Samples are split across different list pages based on sample status**
- ◆ **Lab Operations Samples list page**
 - Status: In Circulation, Temporary in Lab
 - All confirmed/received samples in laboratory custody
- ◆ **Left Circulation Samples**
 - Status: 3rd Party Transfer, Archived, Disposed
 - Samples which have left laboratory custody

Lab Operations Sample List Page

- ◆ **Samples in circulation are located on the Lab Operations Samples List Page**

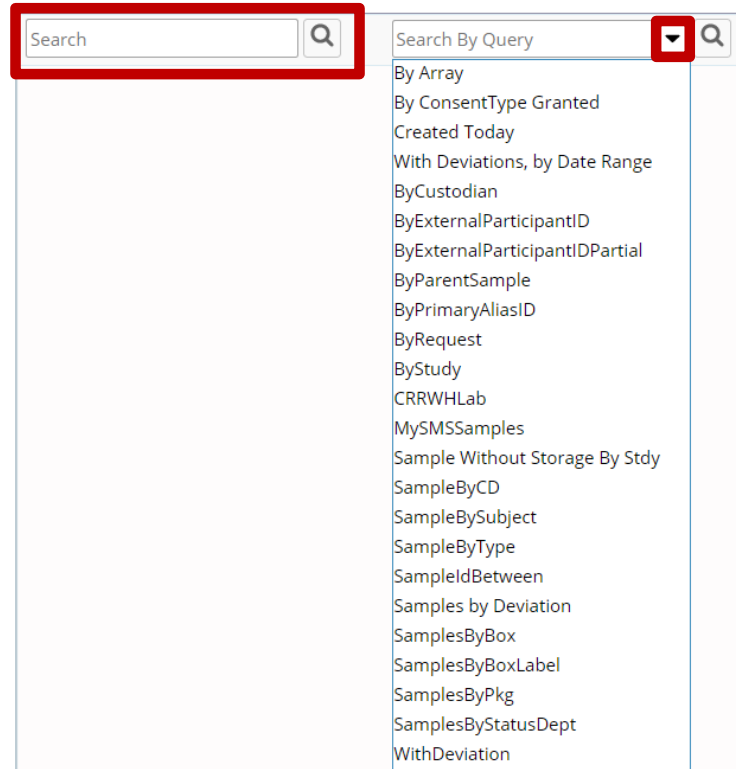


OR



Querying for Samples

- ◆ **Samples can be searched for via barcode scanning or various queries defined in the Search By Query dropdown list**



- ◆ **Queries of note: “Created Today” brings back all samples created on the current date, “ByExternalParticipantID” brings back samples associated with a participant ID**

Querying for Samples

- ◆ **Selecting the Show Advanced Search link displays even more options for sample querying**

Search Search By Query [Show Advanced Search](#)

Advanced Search

Barcode Scanning

Search By Category

Search By Folder

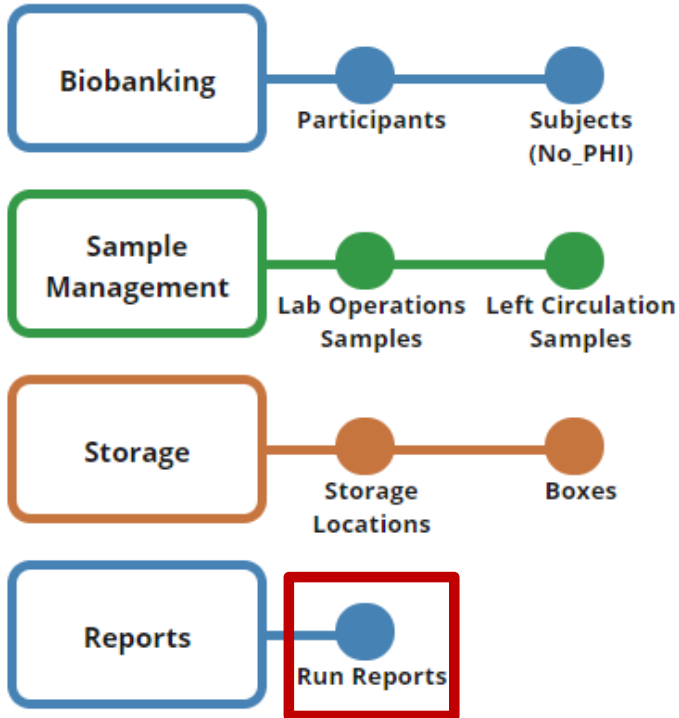
...to a new Folder

Adhoc Search

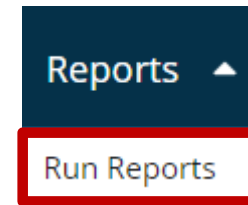
Reports

Run Report

- ◆ Under 'Reports' menu select 'Run Reports'



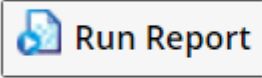
OR




Run Reports

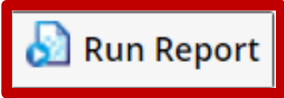
- ◆ Search for desired report


LIMS Menu / Report List

 Run Report





- ◆ Select report and click 'Run Report' button

 Run Report

 [Show Advanced Search](#)

1 - 1 of 1

	Report 	Description
	IDPMTReport	InfDisease PMT Report

Run Reports

- ◆ Select output format 'Excel'
- ◆ Sample type is required; parent sample type is optional
- ◆ Click 'Run Report'

IDPMTReport, version (1)
InfDisease PMT Report

Output To

View on local window

Print to Printer

Email to Address

Export to file

File Name

Output Format

PDF Excel

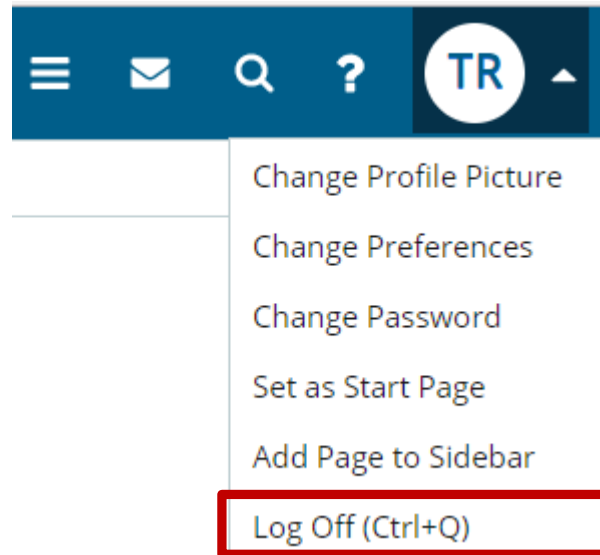
Report Arguments

Sample Type

Parent Sample Type

Logging Off

- ◆ Please remember to log off when finished in LabVantage!
- ◆ Select Log Off from the user dropdown menu on the upper right



- ◆ Can also log off by pressing Ctrl+Q

