

LBMS cryo-EM Training Workshop Series

April 10-12, 2024

Cryo-EM Sample Preparation, Screening, Data Collection and Analysis

Day 1

Time (EST)	Subject/Title			
8:30-9:00	Check-in and light breakfast (provided)			
9:00-9:10	Welcome			
9:10-10:30	Introduction of negative staining cryo-EM sample preparation, cryo-EM and low dose technique			
10:30-11:00	Group photo and tour of LBMS, and NSLSII			
11:00-12:00	Introduction to single particle data analysis			
12:00-1:00	Lunch (provided)			
1:00-5:00	Cryosparc (LBMS computing resource available till the end of the workshop)			

Day 2

Time (EST)	Subject/Title			
8:30-9:00	Light breakfast (provided)			
9:00-12:30	Data collection	Sample prep	Sample Screening (NS)	Sample screening (cryo)
12:30-1:30	Lunch (provided)			
1:30-5:00	Sample screening (cryo)	Data collection	Sample prep	Sample Screening (NS)

Day 3

Time (EST)	Subject/Title			
8:30-9:00	Light breakfast (provided)			
9:00-12:30	Sample Screening (NS)	Sample screening (cryo)	Data collection	Sample prep
12:30-1:30	Lunch (provided)			
1:30-4:45	Sample prep	Sample Screening (NS)	Sample screening (cryo)	Data collection
4:45-5:00	Closing			