



ICGEB Workshop and Course on Molecular, Physical, and Computational Virology, Oct.27 to Nov. 8, 2024

Preliminary Program

Workshop on Computational and Molecular virology			
Day	Time	Activity/Speaker	
Sun. 27		Arrival/Welcome	
Mon. 28	9 to 10	Registration	
	10 to 12	Opening-Workshop	2 talks
	12 to 12:30	Participant presentations	3 talks
	12:30 to 14	Lunch	
	14 to 16:30	Workshop	3 talks
	16:30 to 17	coffee	
	17 to 18	Participant presentations	6 talks
Tue. 29	9 to 10:30	Workshop	3 talks
	10:30 to 11	coffee	
	11 to 12:30	Participant presentations	9 talks
	12:30 to 14	Lunch	
	14 to 16:30	Workshop	3 talks
	16:30 to 17	coffee	
	17 to 18	Participant presentations	6 talks
Theoretical Course on Molecular, Physical, and Computational Virology			
Wed. 30	9 to 12:30	Experimental background I	
	12:30 to 14	Lunch	
	14 to 18	Computational background I	
		Social/Networking Time	
Thu. 31	9 to 12:30	Experimental background II	
	12:30 to 14	Lunch	
	14 to 18	Computational background II	
		Social/Networking Time	
Practical Course on Molecular, Physical, and Computational Virology			
	Experimental Group		Computational Group
Fri. 1- Sat. 2	Cell line preparation for transient transfection.		Packing and setting up the VLP system. Molecular Visualization. Energy optimization.
Mon. 3	VPL purification I.		MD relaxation and simulation
	Joint discussion		
Tue. 4	VPL purification II.		Introduction to visual analysis of the MD trajectories
Wed. 5	Biochemical/biophysical Characterization I		Introduction to basic command-line analysis
	Joint discussion		
Thu. 6	Biochemical/biophysical Characterization II		Analysis of molecular and dynamical properties I
Fri. 7	Biochemical/biophysical Characterization III		Analysis of molecular and dynamical properties II
	Final joint discussion and Fare well cocktail		