



Module PMRF-ISSS078

Molecular Virology

Name of the PMRF student

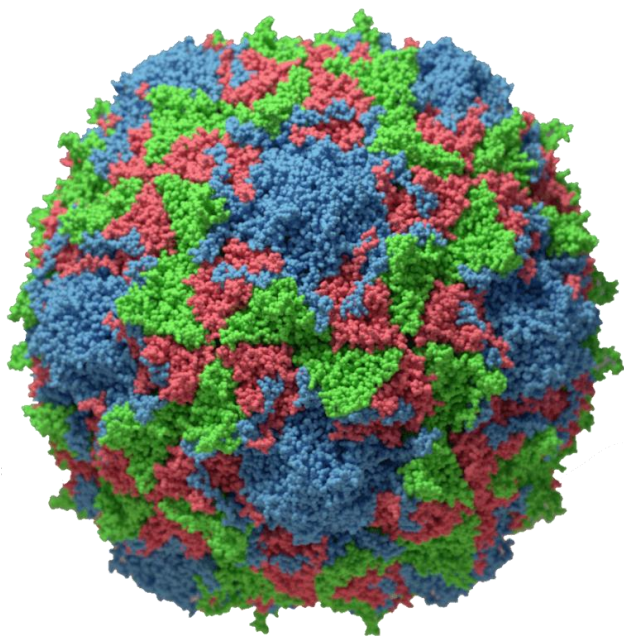
Anantika Chandra

Required background of the students taught

Basic knowledge of Molecular biology (Replication, transcription and translation), Cell Biology and Immunology would be helpful.

Online session coordinator

Will be chosen from the list of registrants



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Details of the content of the module

Viruses are obligate intra-cellular parasites which can create havoc but have also been very useful to molecular biologists in advancing science. Would you like to know more about them? If yes, do register for the course! I would be discussing the following topics in detail:

- Introduction to Viruses (History, Evolutionary Theories, Baltimore System of Classification)
- General overview of Viral Infection Cycle
- Virus growth in culture, detection of viruses, etc.
- Current Medically Important Viruses
- General overview of Anti-viral Immune mechanisms of the host
- Viral mechanisms to counter host immune responses
- Vaccines

Other than the above-mentioned topics, I am also open to discussing topics suggested by the students during classes.

Schedule of the module

Course Starts on: 18th April, 2023

Course Ends on: 8th June, 2023

Time: 6:30 pm to 8:00 pm every Tuesday and Thursday

Extra discussion lectures are encouraged.

Meeting link : Will be shared later

[Link](#)

Contact email ID: issf.forum@gmail.com

Registration link:

https://docs.google.com/forms/d/e/1FAIpQLSfl5zZeH22j8WKUa85HI3sArODIQ5dRpcGyDbFxtOjiLvXB9w/viewform?usp=sf_link