

**BIOLOGICS**  
CONFERENCES AND WORKSHOP 2025



Supported by:



# Biolayer Interferometry Hands-on training

April 11-12, 2024 | Institute of Chemical Technology, Mumbai

[biologicsworkshop@nano-medicine.co.in](mailto:biologicsworkshop@nano-medicine.co.in)



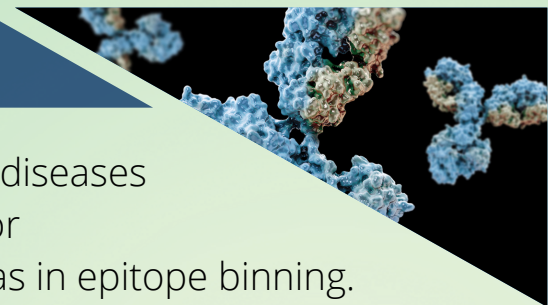
# Hands-on training on Biolayer Interferometry



Bio-Layer Interferometry (BLI) is a label-free detection method utilizing the reflection of white light from a biosensor tip's surface. It monitors the changes in the interference patterns of this light as biomolecules bind to the tip, registering them in real-time as nanometer shifts. This method, offering high sensitivity and real-time analysis, is adept at studying kinetics and affinity of interactions for a wide range of biomolecules in various forms, including crude and purified samples such as cell culture supernatants, serums, and cell lysates. BLI is particularly effective in analyzing antibody-antigen, receptor-ligand, and protein-protein interactions with precision.

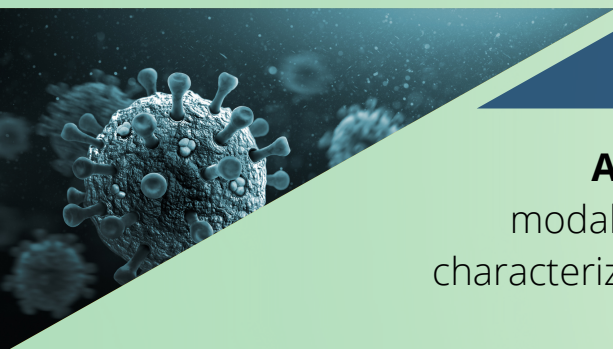
## Day 1- mAB Development

**Monoclonal antibodies (mABs)** are used to treat many diseases and can also be used in oncotherapies. BLI can be used for mAB quantitation, understanding binding kinetics as well as in epitope binning.

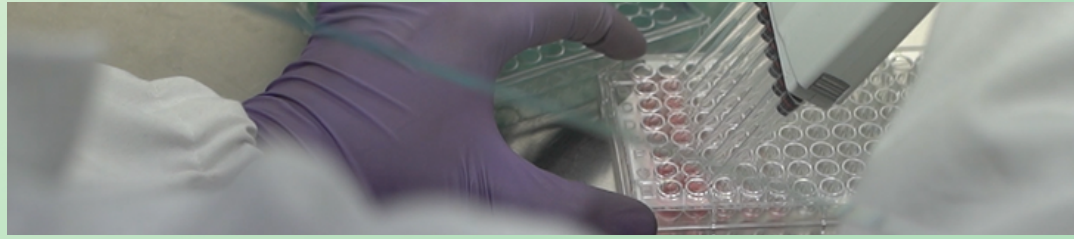


## Day 2- AAV capsid characterization

**Adeno Associated Viruses (AAV)** are one of the prime modalities to deliver genes of interest for treatment. Detailed characterization AAV capsids is critical for high efficacy and safety.



# Hands-on training on Biolayer Interferometry



Uncover Limitless Possibilities for Your Research with the Biologics workshop and Accelerate Your Research Journey with Us!

**For more information:**

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**No Registrations Fees!!!**



**Register now**



**Last Date: March 20, 2024**