

DAY 1	
TIME	PROGRAM
9:00 AM – 9:30 AM	Registration
9:30 AM – 9:45 AM	Inauguration ceremony
9:45 AM – 10:00AM	High Tea
Session 1	
10:00 AM – 10:15 AM	Immunoproteomic techniques and its application in biology – Prof. Purvi (NMIMS University, Mumbai)
10:20 AM – 10:35 AM	<u>By Dr Uma Kumar(AIIMS, New Delhi)</u> Diagnosis of disease based on available Current biomarker such as Rheumatoid factor, anticitrullinated peptide antibody
10:40 AM – 10:55 AM	Proteomics from discovery to validation: Focus on brain tumor biomarkers – by Dr. Sanjeeva Srivastava (IIT Mumbai)
11:00 AM– 12:30 PM	Workshop Session 1 Initiation of Hands-on training session (2D, ELISA, WB) Using clinical sample of patients (using blood, synovial fluid, synovium of Rheumatoid arthritis, osteo arthritis, SLE, spondoloarthritis etc) Protocol: explanation, handling and making platform to perform experiments
12:30 PM – 1:00 PM	<u>POSTER PRESENTATION</u>
1: 00 PM – 2:00 PM	Lunch
2:00 PM-2:15 PM	Immunoproteomics technologies in the discovery of diagnostics and therapeutics –By Dr. Dhruv Kumar (AMITY University) Topic will cover validation of significant differential protein by Western blot analysis
2: 20 PM – 2:35 PM	Reversal of Hypermethylation and reactivation of glutathione S-transferase pi I Gene by curcumin in breast cancer – By Dr. Umesh Kumar (IMS, Ghaziabad)
2: 40 PM – 2:55 PM	Quantitative proteomics in various disease – By Dr. Narendra Kumar Sharma (Banasthali University)
3:00 PM – 3:30 PM	Tea
3:30 PM – 5:30 PM	Workshop Session 2 <ul style="list-style-type: none"> • Demonstration of confocal microscope Using tissue of rheumatoid and osteoarthritis • Continuation of Hands-on session 1

	<ul style="list-style-type: none"> • Commencement of Immunoprecipitation technique
DAY 2	
Session 1	
9:30 AM – 9:45 AM	Quality control of Commercial Anti-snake Venom by Quantitative Proteomic Analysis and Immuno-profiling Against Snake Venom – By Prof. A.K. Mukherjee (Tezpur University)
9:50AM – 10:05 AM	Application of Bioinformatics - Search for Target Proteins of <i>Helicobacter pylori</i> . by Dr. Rajeev Sarmah (Assam Down town University,Guwahati)
10:10 AM – 10:25 AM	Transformation of protein-protein interaction knowledge for functional validation of novel protein for their oncogenic role by Dr. Yuba Raj Pokharel , South Asian University, New Delhi India
10:30 AM – 10:45 AM	Implication of Placebo effects in discerning the protein antigens for treatment – By Prof. Anamika Paul (Ansal University)
10:45 AM – 11:00 AM	Tea/snacks
11:00 PM – 1:00 PM	Workshop Session 3 <ul style="list-style-type: none"> • Continuation of Experiments
1:00 PM – 2:00 PM	Lunch
2:00 PM – 2:15 PM	Proteomics for disease prognosis and biomarker identification: current technology and challenges –By Dr. Ajaswrata Dutta (DRDO) Topic will cover Proteomic technique: 2D gel electrophoresis, iTraQ method
2:20 PM – 2:35 PM	Immunoproteomics approach to find out the molecular mechanism involved in hypoxia induced in pulmonary edema in rats – By Dr. S. Sharda .(DRDO)
2:40 PM – 2:55 PM	Dr. Renu , Delhi University
3: 00 PM – 4:30 PM	Workshop Session 4 <ul style="list-style-type: none"> • Completion of Experiments • Analysis • Validation of significant protein specific to disease
4:30PM – 5:00PM	Valedictory and vote of thanks

5:00 PM- 5:30PM

High Tea