



Workshop on “LC-MS based Proteomics”

11-19 March 2024

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on “LC-MS based Proteomics” targeted to faculty/researchers from Universities/ institutes as well as people working in the industry in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This introductory workshop is intended for beginners to teach and train them about the basics of proteomics and its applications in research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

Duration	:	10 days
No. of seats	:	8-10
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Dates	:	11 March -19 March 2024
Mode of the Course	:	In-house training at CCMB
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 25,000/- including accommodation and food

Training Curriculum for Course:

- Basic operational fundamentals of liquid chromatography, mass spectrometry, and LC/MS interface
- Qualitative and quantitative aspects of LC- MS: from simple molecular weight determination to large scale proteome analysis
- Sample preparation of LC-MS, SDS PAGE, staining/destaining, processing of gel pieces towards in-gel trypsin digestion, extraction of peptides, desalting
- LC-MS run & interpretation & analysis of MS data

Salient Features of the Training:

- Skilled resource persons will provide lectures and laboratory training
- Certificate of participation will be issued to the participants
- Exposure to laboratory safety regulations
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions

Contact details:

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