



CSIR- CCMB

# LC-MS based Proteomics

5<sup>th</sup> - 16<sup>th</sup> November 2019

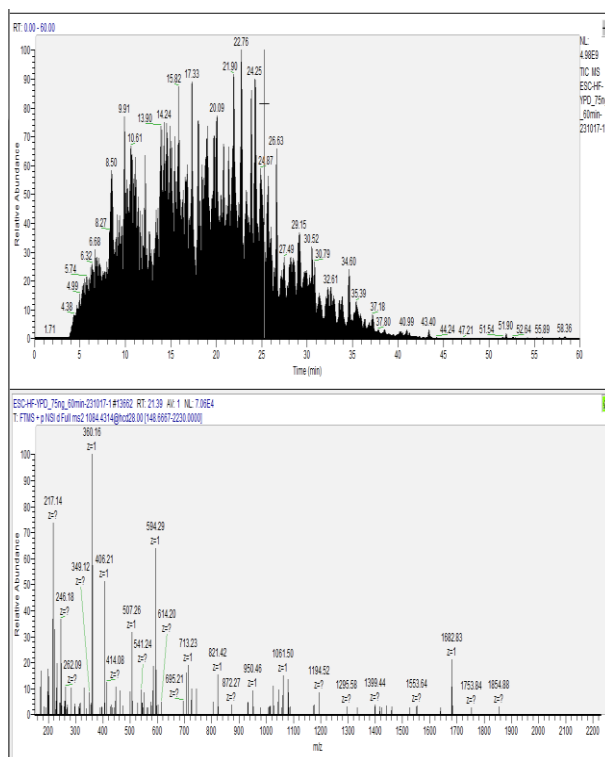


CSIR Integrated  
Skill Initiative

Centre for Cellular and Molecular Biology (CSIR-CCMB), Hyderabad invites applications for the 2-week Training Program in “**LC-MS based Proteomics**” under its Skill Development Program.

## Training Curriculum

- Basic operational fundamentals of liquid chromatography, mass spectrometry, and LC/MS interface
- An overview of LC/MS applications in pharmaceutical, chemical, and biotechnology industries plus information on forensic and toxicological applications
- Introduction to mass spectrometry instrumentation; Introduction to data analysis
- 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



Duration: 2 weeks

No. of seats: 10-12

Education Qualifications (minimum): M.Sc., B.Tech., B.V.Sc., MBBS, B.Pharm.

Age group : 21--45 years (relaxation for SC/ST/OBC as per GOI rules)

Venue of the Course: CSIR-CCMB, Main campus, Hyderabad

Course Fee: Rs. 25,000/- (self/sponsored)

For more information, please visit

<http://www.ccmb.res.in/index.php?view=training&mid=0&id=73&nid=137>

and for queries, send email to [sdp@ccmb.res.in](mailto:sdp@ccmb.res.in)