

INSTRUMENTS COVERED FOR TRAINING

- LSSRM
- NMR
- HRAMS

TRAINING HIGHLIGHTS

During the Hands-on training program participants will learn about handling of the High-resolution mass spectrometer, Instrument understanding related to mass spectrometer calibration process, sample spectrometer database search using compound discoverer 3.2 and data analysis. Laser Scanning Super Resolution Microscopy and its application in the field of biological and medical sciences. Hands-on training on Confocal and Super Resolution Microscopy and its applications in biological samples imaging, advanced light microscopy, Image processing, quantitative analysis and panel preparation of Confocal and Laser Scanning Super Resolution Microscopy (LSSRM). How an NMR spectrometer works. NMR Magnet Safety. Preparation of NMR Samples. Set up of 1D 1H and 13C NMR Experiments. Processing and Presentation of NMR Data. Acquire good knowledge and deep understanding of the basic principle, working, and applications of LSSRM

