

Mass spectrometry basics  
Ionisation mechanisms & sources  
Mass analysers incl. ToFs, traps, quads, ion mobility etc.  
MS systems incl. LC-MS, MALDI-MS, QToFs, IMS-MS....  
Fragmentation, CID, ECD, UVPD, SRM, MSM, DDA, DIA etc.  
Data science and informatics  
Top-down, bottom-up, imaging  
Separation methods LC, CE,  
HILIC, fractionation etc.  
Omics and Polymers  
applications  
MS data processing &  
Informatics



Mass Spectrometry in  
Biotechnology and Medicine  
**Summer**  
School  
Dubrovnik



**7 - 13 July 2024**

