

Advanced Biomolecular Mass Spectrometry Course

Online course

26-30 October

The online advanced Biomolecular Mass Spectrometry course is meant for those who wish to learn more about the new developments in mass spectrometry and how they may contribute to their own area of research. Additionally, the course is also meant for active mass-spectrometrists who want to update or broaden their knowledge in the area of biomedical applications.

The advanced Biomolecular Mass Spectrometry course (a one-week online course) will cover in depth several topics and applications of MS in the field of Proteomics.

- Ionization Techniques
- MS Analysers
- Peptide fragmentation
- Peptide separation techniques
- Database searching and De Novo peptide sequencing
- Quantitative Proteomics
- Handling of Quantitative proteomics data (a short bioinformatics intro)
- Phosphoproteomics
- Alternative fragmentation techniques
- Proteomics research
- MS based structural Biology
- Top-down proteomics
- Affinity purification mass spectrometry
- Metabolomics
- Targeted Proteomics (DIA/DDA)
- Cross-linking MS
- Glycoproteomics

The course setup will consist of Pre-recorded lectures and Live webinars combined with assignments.

The course is concluded with an exam, mandatory for (master) students and PhD's.

EC: 1.5 for participating the entire course

EC: 3.0 for participating the entire course and the exam passed with a positive result.

Date: October 26 to October 30, 2020.

Registration: <https://biomass2020.eventbrite.nl> and buy your ticket for the course.

Costs:

- Master students: free (*after mailing c.c.heuzer@uu.nl you will receive your discount code*)
- PhD's: 75 euro*
- Company/Postdoc's: 300 euro*

Payments should be made within the registration process. (*excl handling fee)

For questions: please contact **Corine Heuzer** (c.c.heuzer@uu.nl)

