



SIBioC
Medicina di Laboratorio ETS



QuanMass

Quantitative Analysis in Mass Spectrometry

September 10, 2026

9:30 – 09:45 **REGISTRATION**

9:45 – 10:00 **GENERAL INTRODUCTION**

10:00 – 10:45 *Method validation in focus: importance, implementation, and limitations* – **Riin Rebane, Univeristy of Tartu**

10:45 – 11:15 *Quantitative analysis and accreditation* – **Ilenia Siciliano, Accredia**

11:15 – 11:45 **COFFEE BREAK**

11:45 – 12:05 *The National Reference Laboratory for Halogenated POPs in Food: Current Status and Emerging Challenges* –
**Roberta Ceci, Istituto Zooprofilattico Sperimentale
dell'Abruzzo e del Molise G. Caporale**

12:05 – 12:25 *Protein quantification and metrological evaluation of the uncertainty budget* – **Amandine Boeuf, Laboratoire
national de métrologie et d'essais**

12:25 – 12:50 *Integrated LC-MS/MS Method Development: DoE-Based Robustness,
Automated MRM Optimization, and Metabolomics Workflows* – **Domingo Pastran, Shimadzu Italia**

13:00 – 14:00 **LUNCH BREAK**

14:00 – 14:20 *Quantification of PFAS in fruits and vegetables: an analytical and metrological interlaboratory study* –
Consolato Schiavone, Istituto Nazionale di Ricerca Metrologica

14:20 – 14:40 *A rapid UHPLC-MS/MS method for direct quantification of
51 emerging pollutants in wastewater* – **Riccardo Comazzi, Università di Bologna**

14:40 – 15:00 *Pesticide multiresidue analysis in soil: method
development, validation and uncertainty estimation* – **Andrea Lentola, Laimburg Research Centre**

15:00 – 15:20 *Rethinking quantitation: leveraging full scan ms2 & ms3
spectra for selective & confident targeted analysis* – **Luce Maldini, Thermo Fisher Scientific**

15:20 – 15:40 *HPLC-MS/MS method for the quantitative determination of bortezomib in
dried blood microsamples collected by volumetric absorptive microsampling* – **Sobia Noreen, Università di Bologna**

15:40 – 16:00 *Propranolol distribution in rat cornea and retina: establishing a model for early ocular drug screening* –
Alessia Lentini, Aphad srl

16:00 – 16:30 Problem Solving and Conclusion