



## Fall Seminar of the Finnish Mass Spectrometry Society

### *Bioanalytical Mass Spectrometry*

Finnish Institute for Health and Welfare (THL)  
Mannerheimintie 166, Helsinki  
10.11.2022 at 9.15-16.00

#### Free participation

- The seminar is open to both members and non-members of the society.
- Pre-registration required to the address [fmss@fmss.fi](mailto:fmss@fmss.fi) by 2.11.2022.
- Please register separately for the seminar and the fall meeting.
- Please request a special diet if needed.

#### PROGRAM

09.15 – 10.00	Ionization techniques in bioanalytical mass spectrometry Prof. Janne Jänis University of Eastern Finland, Department of Chemistry
10.00 – 10.30	Coffee break
10.30 – 11.15	Mass analyzers in bioanalytical mass spectrometry Prof. Janne Jänis University of Eastern Finland, Department of Chemistry
11.15 – 11.45	Enhancing high-resolution mass spectrometry performance for novel psychoactive substance analysis with improved sensitivity and characterization Dr. Teemu Nissilä SCIEX
11.45 – 12.45	Lunch (participants pay themselves)
12.45 – 13.15	Mass spectrometry applications in doping control analysis Dr. Tina Suominen Finnish Institute for Health and Welfare, Helsinki Doping Control Laboratory
13.15 – 13.45	Ultrasensitive LC-MS measurement for the quantification of bioactive lipids in human health Dr. Alex Dickens University of Turku, Turku Centre for Chemical and Molecular Analytics
13.45 – 14.05	Clinical mass spectrometry Dr. Terhi Launiainen Vita Laboratoriot Oy
14.05 – 14.40	Coffee break
14.40 – 15.10	LC-MS metabolomics as a tool to resolve the dark matter in food Prof. Kati Hanhineva University of Turku, Food Chemistry and Food Development Unit
15.10 – 15.40	Fingerprinting specialized metabolites in the plant kingdom by LC-MS tools Prof. Juha-Pekka Salminen University of Turku, Natural Chemistry Research Group
15.40 – 16.00	Novel LC-MS/MS assays for diagnosis of neuroendocrine tumors, sepsis and sleeping disorders Dr. Mikael Lindström Thermo Fisher Scientific Oy



SUOMEN MASSASPEKTROMETRIAN SEURA ry.  
FINNISH MASS SPECTROMETRY SOCIETY

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### PROGRAM

16.15 – 17.00	Visit in the Laboratory of Forensic Toxicology
17.00 – 17.30	Fall Meeting (in Finnish)
17.30 – 19.00	Food and drink

### Sponsors

