

# analytica conference 2020

March 31 - April 2, 2020, Munich

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## Symposium

**“Emerging Topics in Analytical Toxicology, Forensics, and Doping Control”**

**Organized by the  
Society of Toxicological and Forensic Chemistry  
(Gesellschaft für Toxikologische und Forensische Chemie, GTFCh)**

**München, April 1, 2020**

**(Chairman: Hans H. Maurer, Homburg/Saar, Germany)**

### **Isotope Ratio Mass Spectrometry (IRMS) in Forensics and Doping Control**

- 09:30 Andreas Rossmann, Schweitenkirchen, D      Role of IRMS in Live Sciences with Focus on Forensic Sciences
- 10:10 Michael Pütz, Wiesbaden, D      Profiling of New Psychoactive Substances by IRMS
- 10:50 Mario Thevis, Köln, D      Power of IRMS in Doping Control

**11:30      Lunch Break**

### **Omics and MALDI Applications in Analytical Toxicology**

- 12:30 Markus R. Meyer, Homburg, D      Current Role of Omics in Analytical Toxicology
- 13:10 Marc A. Lebeau, Quantico, VA      Fingerprint Development Methods for Touch Chemistry of Drugs and Explosives Using MALDI-TOF
- 13:50 Eva Cuypers, Maastricht, NL      Mass Spectrometry Imaging in Forensic Research and Practice

**14:30      Coffee Break**

### **Protein Analysis and Alternative Sampling in Doping Control and Drug Monitoring**

- 15:00 Mario Thevis, Köln, D      Protein Analysis – A Topic also in Doping Control?
- 15:40 Jürgen Burhenne, Heidelberg, D      Emerging Role of Protein and Peptide Analysis in Drug Monitoring
- 16:20 Olof Beck, Stockholm, S      Novel Strategies for Microsampling – Dried Matrix Spots and Exhaled Breath

**For participation in this symposium, you will get two credit points each for the three parts for the continuing education of Forensic Toxicologists GTFCh, Clinical Toxicologists GTFCh, Forensic Chemists GTFCh, and Forensic-Clinical Chemists GTFCh.**

## **Chairman's address:**

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