

# Virtual Analytica Conference 2020

October 19 - 21, 2020, Munich

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## Symposium "Emerging Topics in Analytical Toxicology and Forensics"

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

München, October 20, 2020

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

### Isotope Ratio Mass Spectrometry (IRMS) in Live Sciences and Forensics

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|--|---|
| 09:30 Andreas Rossmann,<br>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 Corinne Buisson,<br>Châtenay-Malabry, F  | Power of IRMS in Doping Control                               |

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

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|------------------------------------|--|
| 12:30 Markus R. Meyer, Homburg, D  | Current Role of Omics in Analytical Toxicology   |
| 13:00 Luca Narduzzi, Nantes, F     | Role of Metabolomics in the Antidoping Toolbox   |
| 13:30 Marc A. Lebeau, Quantico, VA | Fingerprint Development Methods for Touch Chemistry of<br>Drugs and Explosives Using MALDI-TOF |
| 14:00 Eva Cuypers, Maastricht, NL  | Mass Spectrometry Imaging in Forensic Research and Practice                                    |

### Protein Analysis and Alternative Tools for Drug Metabolism Studies and Sampling in Bioanalysis

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| 15:00 Roland Staack, Penzberg, D | Bioanalysis of therapeutic proteins –<br>What is the "correct" result and what is the right technology? |
| 15:40 Lea Wagmann, Homburg, D    | Alternative Tools for Metabolism Studies of Drugs of Abuse  |
| 16:20 Olof Beck, Stockholm, S    | Novel Strategies for Microsampling –<br>Dried Matrix Spots and Exhaled Breath                           |

### Registration:

<https://www.analytica-virtual.com/de/>

## **Chairman's address:**

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