

# analytica conference 2024

Munich, April 10, 2024

Symposia Organized by the  
Society of Toxicological and Forensic Chemistry  
(Gesellschaft für Toxikologische und Forensische Chemie, GTFCh)  
(Chair: Dirk K. Wissenbach, Jena, Germany)

## Dried Matrix Spots: Sampling Techniques and Application for Forensic and Clinical Toxicology

analytica conference 2024 session 40: 09:30-11:30

09:30	Laura Mercolini University of Bologna, Bologna	Overview on Evolving Trends in DMS Microsampling Technologies
10:00	Gisela Skopp FTC München GmbH, Munich	DMS for Detection of Ethanol Markers such as PEth, EtG, and EtS
10:30	Lea Wagman Saarland University, Homburg	Closing the Gap: Dried Matrix Samples for Drug Screening
11:00	Tom Schneider University of Zurich, Zurich	Time since Deposition: Utilizing DMS to Study Aging Patterns in the Proteomes and Metabolomes of Biofluids

**11:30 Lunch Break**

## News on (Phyto-)Cannabinoids

analytica conference 2024 session 41: 12:30-14:30

12:30	Rudolf Brenneisen, MedCanSult, Bern	Phytocannabinoids: Chemistry, Analysis and Pharmacology
13:00	Rainer Fritsch, General Customs Directorate, Munich	Analysis and Assessment of THC, CBD and HHC Phytocannabinoid Containing Products
13:30	Marica Hundertmark, University Mainz, Mainz	Potential Phytocannabinoid and Terpene Markers for Distinguishing Between the Use of Cannabis-based Medicines and Recreational Use of Cannabis
14:00	Volker Auwärter, University of Freiburg, Freiburg	Semisynthetic cannabinoids: Analytical Detection and Pharmacological Effects

**14:30 Coffee Break**

## Exceptional and Emerging Compounds in Forensic and Clinical Toxicology

analytica conference 2024 session 42: 15:00-17:00

15:00	Ricarda Kegler, University Rostock, Rostock	Toxicological Analysis of Cyanide in Human Whole Blood
15:30	Gabriela Zurek MVZ Medizinisches Labor Bremen GmbH, Bremen	Analysis of Super-warfarine Rodenticides in a Routine Medical Lab a Story of Cows, Humans & Rats
16:00	Kristof Maudens Netherlands Forensic Institute, The Hague	Suicides by Sodium Azide Ingestion: Analytical Aspects and Interpretation
16:30	Simon Elliot Elliott Forensic Consulting // Toxicology UK Ltd, Birmingham	Analytical and Interpretative Challenges for Emerging Nitrogen based Poisons

**Chair address:****Priv.-Doz. Dr. Dirk K. Wissenbach**

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