

analytica conference 2020

October 19 - 21, 2020, Munich

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

- 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 Corinne Buisson, Châtenay-Malabry, F Power of IRMS in Doping Control

11:30 Lunch Break

Omics and MALDI Applications in Analytical Toxicology and Antidoping

- 12:30 Markus R. Meyer, Homburg, D Current Role of Omics in Analytical Toxicology
- 13:10 Luca Narduzzi, Nantes, F Role of Metabolomics in the Antidoping Toolbox
- 13:50 Marc A. Lebeau, Quantico, VA Fingerprint Development Methods for Touch Chemistry of Drugs and Explosives Using MALDI-TOF

14:30 Coffee Break

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

- 15:00 Roland Staack, Penzberg, D Bioanalysis of therapeutic proteins –
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 –
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:

Prof. em. Dr. Dr. h.c. Hans H. Maurer
Department of Experimental & Clinical Toxicology, Saarland University
D-66424 Homburg/Saar, Germany
hans.maurer@uks.eu

Speakers' addresses

PD Dr. Andreas Rossmann
isolab GmbH - Laboratorium für Stabile Isotope
Woelkestrasse 9/I
D-85301 Schweitenkirchen, Germany
isolab_gmbh@t-online.de

Dr. Michael Pütz
Bundeskriminalamt KT 45
Äppelallee 45
D- 65203 Wiesbaden
michael.puetz@bka.bund.de

Dr. Corinne Buisson
Head of Specialized Analysis and R&D
afld - Département des analyses / French Antidoping laboratory
F-92290 Châtenay-Malabry, France
C.Buisson@afld.fr

Prof. Dr. Markus R. Meyer
Department of Experimental & Clinical Toxicology, Saarland University
D-66424 Homburg/Saar, Germany
markus.meyer@uks.eu

Dr. Luca Narduzzi
Laboratoire d'Etude des Résidus et Contaminants dans les Aliments (LABERCA), Oniris, INRAE
F-44307 Nantes, France
luca.narduzzi@oniris-nantes.fr

Dr. Marc A. Lebeau
Senior Scientist, FBI Laboratory
2501 Investigation Parkway
Quantico, VA 22135 USA
malebeau@fbi.gov

Dr. Roland Staack
Roche Pharma Research and Early Development – Pharmaceutical Sciences
Roche Innovation Center Munich
D-82377 Penzberg / Germany
roland.staack@roche.com

Dr. Lea Wagmann
Department of Experimental & Clinical Toxicology, Saarland University
D-66424 Homburg/Saar, Germany
lea.wagmann@uks.eu

Prof. Dr. Olof Beck
Department of Clinical Neuroscience, Karolinska Institute.
S-17177 Stockholm, Sweden
Olof.beck@ki.se