



# 2021 Online Forensic Symposium

May 31st – Jun 4th, 2021

Current Trends in Forensic Toxicology

FREE Registration / CE Credits Available



# SCHEDULE

GLOBAL APPROACHES TO LOCAL ISSUES IN FORENSIC AND ANALYTICAL TOXICOLOGY

Program Chair: Prof. Nikolas P. Lemos, FRSC, F-ABFT, MCSFS, Ph.D.

Co-Chair: Karen S. Scott, MRSC, C.Chem, C.Sci, Ph.D.

Organizer: Tom Gluodenis, MBA, PMFS, Ph.D.

ForensicSymposium.org

Learn without Leaving the Lab

[CLICK HERE TO REGISTER](#)

## DAY 1 MON 31st 8:30am-12pm EST 1:30pm-5pm GMT

### Global Issues in Toxicology

8:45AM EST – Welcome & Introductions, Program Chairs  
Nikolas P. Lemos & Karen S. Scott

9:00 – Title TBD - Prof. Dr. Henrique Marcelo Gualberto Pereira, Brazilian Doping Control Laboratory, Brazil

10:00 – The Evolution of Dried Blood Spot Analysis for Sports Anti-Doping - Lucas Sartori, Ph.D., Thermo Fisher Scientific, Brazil

10:15 – 20 Years of Monitoring New Psychoactive Substances in Europe - Dr. Rita Jorge, EMCDDA

11:15 – Stepping into Room Temperature Hydrolysis for a Comprehensive Panel - Mauricio Vargas, Kura Biotech

11:30 – Panel Discussion

12:00 – Close

## DAY 2 TUES 1st 8:30am-12pm EST 1:30pm-5pm GMT

### Instrumental Method Development

8:45AM EST – Welcome & Introductions, Program Chairs  
Nikolas P. Lemos & Karen S. Scott

9:00 – GC-MS Method Development and Validation Basics and Advances - C. Clyde, E. Cosme, M. Henry & K. Yang, Houston Forensic Science Center, USA

10:00 – Detecting 40 Drug-Facilitated Crime Analytes via LC-MS-MS - Kelsey McManus, Boston University, USA

10:15 – LC-MS Method Development for Dummies (and Smarties Too!) - Dr Lewis Couchman, Analytical Services International, London, UK

11:15 – Which Road Should I Take? Choosing the Best LCMS Instrument for Your Lab - Priyanka Chitranshi, Shimadzu Scientific Instruments, USA

11:30 – Panel Discussion

12:00 – Close

## DAY 3 WED 2nd 8:30am-12pm EST 1:30pm-5pm GMT

### Novel Psychoactive Substances

8:45AM EST – Welcome & Introductions, Program Chairs  
Nikolas P. Lemos & Karen S. Scott

9:00 – Proactive NPS Surveillance: Utility in the United States DEA TOX Program - Roy Gerona, Ph.D. University of California, San Francisco, USA

10:00 – Automated Hydrolysis, Extraction and Analysis of Synthetic Cathinones in Urine using a Robotic Autosampler and LC/MS/MS Platform - Fredrick Foster, GERSTEL, Inc., USA

10:15 – Analytical Challenged of NPS Detection - Dr Lorna A. Nisbet, ARU, UK

11:15 – Best Nominal and Accurate Mass Spectrometry-Based Approaches for NPS Screening and Identification - Pierre Negri, SCIEX, USA

11:30 – Panel Discussion

12:00 – Close

## DAY 4 THUR 3rd 8:30am-12pm EST 1:30pm-5pm GMT

### Alternative Biological Specimens

8:45AM EST – Welcome & Introductions, Program Chairs  
Nikolas P. Lemos & Karen S. Scott

9:00 – Testing for Doping Agents in Human Hair - Prof. Pascal Kintz, X-Pertise Consulting, France

10:00 – A Complete Workflow for the Analysis of Drugs in Hair - Rob Lee, Waters Corporation, USA

10:15 – Alternative Biological Specimens in Postmortem Forensic Toxicology Investigations - Ruth E. Winecker, Ph.D. RTI International, USA

11:15 – Sponsor 2 - TBD

11:30 – Panel Discussion

12:00 – Close

## DAY 5 FRI 4th 8:30am-12pm EST 1:30pm-5pm GMT

### Cannabis

8:45AM EST – Welcome & Introductions, Program Chairs  
Nikolas P. Lemos & Karen S. Scott

9:00 – Adverse Consequences of Frequent Cannabis Exposure on the Developing Brain - Prof. Marilyn Huestis, Thomas Jefferson University, USA

10:00 – Hemp for Victory: Growing Hemp in the 21st Century - Anthony Macherone, Agilent Technologies, Inc, USA

10:15 – Cannabis Intoxication and Neurocognition - Prof. Dr. JG Ramaekers, Maastricht University, The Netherlands

11:15 – Interpretation of Postmortem Cannabinoid Concentrations - Daniel S. Isenschmid, NMS Labs, USA

11:30 – Panel Discussion

12:00 – Close

