



37th Congress of the European Association of
Poisons Centres and Clinical Toxicologists

EAPCCT 2017

Basel
16 - 19 May

PRE-CONGRESS SYMPOSIUM

Toxicological analysis and contribution
to diagnosis and patient management
in clinical toxicology



Toxicological analysis and contribution to diagnosis and patient management in clinical toxicology

Session chair: Bruno Mégarbane, Miran Brvar

09:00-09:30 Chromatographic techniques – applications for ethanol and toxic alcohol poisoning

Ana Ferrer Dufol, *Clinical University Hospital, Zaragoza, Spain*

09:30-10:00 Mass spectrometry – applications and future development

Olivier Laprèvote, *Université Paris Descartes, AP-HP, Paris, France*

10:00-10:30 Development of library search-based screening system

Hans Maurer, *Saarland University, Homburg (Saar), Germany*

10:30-11:00 Coffee

Session chair: Alex Manini, Carlo Locatelli

11:00-11:30 Tox analysis for new psychoactive substance screening in biological matrices: where do we stand today?

Markus R Meyer, *Saarland University, Homburg (Saar), Germany*

11:30-12:00 Metal detection assays for exposure diagnosis and monitoring

Souleiman EL Balkhi, *Centre Hospitalier Universitaire de Limoges, Limoges, France*

12:00-12:30 Tox analysis for risk assessment: methodological requirements

Michael G Holland, *SUNY Upstate Medical University, Syracuse, USA*

12:30-13:30 Lunch

Session chair: Charles McKay, Daniela Pelclova

13:30-14:00 Tox analyses for substances of abuse and psychotropic drugs in the emergency room (ER)

Matthias Liechti, *University Hospital Basel, Switzerland*

14:30-15:00 Usefulness of toxicological analysis for the management of cardiotoxicant poisonings

Bruno Mégarbane, *Paris-Diderot University, Lariboisière Hospital, Paris, France*

15:00-15:30 TOXI-triage - can pesticide and toxic alcohol exposure be diagnosed by breathalyzer

Michael Eddleston, *University of Edinburgh, UK*

15:30-16:00 Coffee

Session chair: Horst Thiermann, Alexander Campbell

16:00-16:30 Forensic toxicology - how to combine selectivity, sensitivity, and robustness

Stephen Morley, *University of Leicester Hospital Trust, Leicester, UK*

16:30-17:00 Hair analysis: when, how and why?

Pascal Kintz, *X-Pertise Consulting, Strasbourg, France*

17:00-17:30 Postmortem tox analysis: principles and interpretation

Thomas Kraemer, *University of Zurich, Switzerland*

17:30-18:00 Biomedical verification of chemical warfare agent exposure

Harald John, *Bundeswehr Institute of Pharmacology and Toxicology, Munich, Germany*