Meeting of the Society of Hair Testing
Strasbourg, 28-30 September 2005, Hôtel Sofitel, 4, Place St Pierre le Jeune

More information : http://www.soht.org

Scientific Program

Thursday 29 September

Session 1 (9 am to noon) : Cut-offs and interpretation of hair analysis results
Chair: Christine Moore, Fritz Pragst

F. Peters: Statistical basics and general aspects in the assessment of cut-offs
C. Moore: Cut-offs for cocaine and metabolites in hair
M. Feldman: Cut-off for methamphetamine in hair
J. Wicks, L. Tsanaclis: Hair analysis for assessing cannabis use. Where is the cut-off?
F. Pragst, T. Nadulski: Cut-off for THC in hair in context of driving ability
M. Yegles, F. Pragst: Cut-offs for the detection of alcohol abuse by measurement of fatty acid ethyl esters and ethyl glucuronide in hair
T. Cairns, M. Schaffer, V. Hill: Establishing regulatory cut-off levels for hair analysis for drugs of abuse and their application to interpretation

Session 2 (2 to 5 pm) : Trends in new drug detection and new applications
Chair: Simona Pichini, Vincent Cirimele

R. Kronstrand, I. Nystrom: Screening and target analysis of drugs in hair by LC-MS/MS
L. Martins, M. Yegles, R. Wennig: Enantioselective quantification of amphetamines and congeners in hair by GC/MS
M. Ginet, P. Kintz: Multi-elemental analysis and arsenic speciation in Napoleon’s hair
J-P. Goullé, L. Mahieu, P. Kintz: The murder weapon was found in the hair
L. Morini, L. Politi, A. Groppi, C. Stramesi, A. Polettini: Direct determination of ethyl glucuronide in hair samples by liquid chromatography-electrospray tandem mass spectrometry
C. Stramesi, A. Zucchella, C. Vignali, L. Politi, A. Groppi, A. Polettini: Determination of buprenorphine and norbuprenorphine in hair by GC/MS
V. Cirimele, M. Villain, J.S. Raul, P. Kintz: Screening for corticoids: a real solution to antidoping controls?
H. Sachs, D. Thieme: Screening capabilities in hair analysis
G. Koren, A. Florescu, J. Klein: Benchmarking hair cotinine as a marker of tobacco smoke exposure. Meta analysis of international studies
Friday 30 September

Session 3 (9 to 11 am) : Hair as evidence in drug-facilitated crimes
Chair : Pascal Kintz, Marc Deveaux

M. Villain, P. Kintz: Testing for benzodiazepines and hypnotics in hair by LC-MS/MS
J. Schräder, F. Pragst: Analysis of zopiclone in hair
M. Cheze, M. Deveaux, G. Pépin: Clonazepam, bromazepam and zolpidem in hair of drug-facilitated victims : quantitative analysis by LC-MS/MS and correlation with self-report
F. Spokert, M. Augsburger, C. Brandt-Casadevall, P. Mangin: Drug-facilitated crime ? Unexpected poisoning with the rodenticide alpha-chloralose
K. Scott: Interpretation of GHB levels in hair following possible drink spiking

Session 4 (11.30 am to 1 pm) : Quality assurance in hair analysis
Chair : Christian Staub, Hans Sachs

Ch. Staub: Method validation in hair analysis : what kind of strategy to apply?
Ch. Widmer-Girod: Validation of an analytical procedure for the simultaneous determination of cocaine and three of its metabolites in hair by GC/Cl/MS/MS.
H. Sachs: Proficiency tests : the experience of the SOHT and the GTFCh.

Session 5 (2.30 to 5 pm) : Pitfalls in hair analysis
Chair : Carmen Jurado, Michael Uhl

F. Pragst: Pitfalls in hair analysis resulting from variability of human hair growth and from alternative drug incorporation mechanisms
M. Yegles: Pitfalls in hair analysis : cosmetic treatment
C. Jurado: Extraction of drugs from hair. A pitfall in hair analysis
F. Scheufler, M. Uhl: Effects of hair color on the drug incorporation into human hair
V. Hill, M. Schaffer, T. Cairns: Absence of hair color effects in hair analysis results in large workplace populations