

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 ethy 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. Poletini: 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. Poletini: 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. Schröder, 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/CI/MS/MS.

H. Sachs: Proficiency tests : the experience of the SOHT and the GTFCh.

S. Pichini, M. Ventura, M. Pujadas, R. Ventura, R. Di Giovannandrea, P. Zuccaro, R. Pacifici, R de la Torre, C. Jurado: HAIRVEQ 2005 : An external quality control exercise for drugs of abuse analysis in hair in cooperation with SoHT

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