



The 57th International Meeting of the Association of Forensic Toxicologists  
The ICC  
**BIRMINGHAM, UK**  
**Sept 2-6, 2019**

FOR MONDAY'S AND WEDNESDAY'S SCHEDULES PLEASE REFER TO THE OVERALL MEETING SCHEDULE PDF

08:30	TUESDAY 3RD SEPT START 8:30am	THURSDAY 5TH SEPT START 8:30am	FRIDAY 6TH SEPT START 8:30am
	<b>POST-MORTEM TOXICOLOGY I</b>	<b>HUMAN BEHAVIOUR TOXICOLOGY I</b>	<b>TOXICOLOGY IN SPORT</b>
<b>Moderator</b>	Sue Paterson (UK) Dimitri Gerostamoulos (Australia)	Sarah Wille (Belgium) Marilyn Huestis (USA)	David Cowan (UK) Maria Parr (Germany)
08:32	PM1 Sue Paterson (UK) - Investigation into the role of alcohol and cocaine in violent suicide	HB1 Luke Rodda (USA) - DUID Trends post-Cannabis Legalization and a Comprehensive Analytical Approach for DUID Casework	SP1 Maria Parr (Germany) - Tracing back drug misuse – proper metabolite identification requires synthesis
08:44	PM2 Ilkka Ojanperä (Finland) - Recognition of drugs showing exceptionally high or low median concentration levels in post-mortem femoral blood	HB2 Jeffery Hackett (UK) - Concentrations of Amphetamine and Methamphetamine in Whole Blood Samples Obtained In Drugs and Driving Cases (OUI) in the Commonwealth of Massachusetts	SP2 Pascal Kintz (France) - Long-term abuse of clenbuterol and stanozolol: post mortem investigations
08:56	PM3 Luca Morini (Italy) - Detection of New Psychoactive Substances (NPSs) in Dried Blood Spots (DBSs) collected from postmortem cases	HB3 Katerina Liveri (Cyprus) - Drug Related Deaths and Driving Under the Influence of Drugs - Narcotest: Important indicators in monitoring drug use in Cyprus.	SP3 Laura Mercolini (Italy) - Microsampling as a promising anti-doping strategy for the analysis of peptide hormones and growth factors
09:08	PM4 Alice Ameline (France) - The difficult interpretation of toxicological analyses in formalin-fixed tissues: a case report involving oxycodone and midazolam	HB4 Kathleen Van Uytenghe (Belgium) - Large-scale study to evaluate the variability in elimination rate of the direct alcohol marker phosphatidylethanol during one month of abstinence	SP4 Jean Claude Alvarez (France) - Performance-enhancing substances used by bodybuilders
09:20	PM5 Yi Ju Yao (Singapore) - Death involving pong pong seed (Cerbera odollam)	HB5 Michaela Sommer (Germany) - Prevalence of synthetic cannabinoid use among persons undergoing drug testing for cannabis – the impact of new NPS legislation in Germany	SP5 Marjaana Viljanto (UK) - Discrimination of microbial produced boldenone from its exogenous administration – examples from equine doping control
09:32	PM6 Gerd Jakobsson (Sweden) - Oxycodone findings and CYP2D6 function in post mortem cases.	HB6 Jérémy Lelong (France) - Sales of CBD Containing Hemp Products, a New Trend in France	SP6 Anna Stoll (Germany) - No Pain No Gain – Influence of Pain Killers on the Anabolic Steroid Profile
09:44	PM7 Amvrosios Orfanidis (Greece) - A UHPLC-MS/MS method for the detection of drugs and pharmaceuticals in human bones	HB7 Matthew Christopher (UK) - Drug driving per se limits in England and Wales: A review of data from over 9,000 cases	SP7 Bethany Keen (Australia) - Towards non-targeted LC-HRMS screening for improved drug surveillance
09:56	PM8 Merete Vevelstad (Norway) - Relationship between betahydroxybutyrate (BHB) concentrations in post-mortem blood and cause of death	HB8 Filippo Pirani (Italy) - THC and CBD concentrations in serum following single and repeated administration of "light cannabis"	SP8 Laurie Gheddar (France) - Testing for an anabolic androgenic steroid, stanozolol, in hair collected from 5 different anatomical regions
10:08	PM9 Katherine Wong (Australia) - An Unusual Death Involving Tramadol: The Australian Coronial Investigation Process including Recommendations and the Impact on Paediatric Public Health	HB9 Marc Augsburger (Switzerland) - Predominance of illicit drugs and ethanol in blood among suspected drug-impaired drivers in Western Switzerland	SP9 Donata Favretto (Italy) Voluntary or accidental doping? That's the problem.
10:20	Break	Break	Break
	<b>CLINICAL TOXICOLOGY I</b>	<b>DRUG-FACILITATED CRIME I</b>	<b>NEW INNOVATIONS &amp; NOVEL RESEARCH I</b>
<b>Moderator</b>	Hans Maurer (Germany) Bob Flanagan (UK)	Pascal Kintz (France) David Osselton (UK)	Luca Morini (Italy) Markus Meyer (Germany)
10:56	CL1 H.E. Hamad Al Ghaferi (UAE) - Responding to patients and drug trends: advancement and development of clinical toxicology services at the National Rehabilitation Center, Abu Dhabi	DFC1 Sarah Wille (Belgium) - Prevalence of drugs and alcohol in sexual assault cases and the interest of the toxicological analysis in the judicial investigation and final judgement	NE1 Marilyn Huestis - A Point System for "Identifications" in Forensic Toxicology Laboratories
11:08	CL2 Dirk Wissenbach (Germany) - All or Nothing Retrospective Evaluation of EtG Adherence Analysis Results in the Context of Organ Transplantation	DFC2 Mark Tyler (UK) - The Unconventional side of Forensic Toxicology in the UK	NE2 Ruri Kikura-Hanajiri (Japan) - Sensitive and selective screening of 143 fentanyl-related substances in biological samples using LC-Q-TOF-MS coupled with ion mobility separation
11:20	CL3 Ana Da Castro (Spain) - Tobacco markers in meconium, maternal interview and neonatal outcomes	DFC3 Mark Miller (USA) - Baseline Endogenous GHB Concentrations in Hair	NE3 Rhiannon Alder (Australia) - Detection of Fentanyl and Methamphetamine using surface enhanced Raman spectroscopy
11:32	CL4 Laurence Labat (France) - Suspicion of GHB poisoning in a young child highlighted with a rapid enzymatic assay	DFC4 Sys Johansen (Denmark) - Tramadol distribution in hair after a single dose – a controlled study over four months	NE4 Lina Gessner (Germany) - Analyte quantification in Dried Blood Spots deposited on non-standardized materials with subsequent blood volume estimation
11:44	CL5 Pai-Shan Chen (Taiwan) - Differences in metabolism of ATM4 between Asian and Caucasian subjects using street heroin	DFC5 Jessica Welter-Luedeke (Germany) - Incapacitating Joints? - The Synthetic Cannabinoid 5F-ADB Associated with Drug-Facilitated Crime – A Case Series	NE5 Robert Erne (Switzerland) - ToF-SIMS and MALDI Analysis of Longitudinal- and Cross Sections of Single Hairs as a Tool for Gaining Insight into the Contamination Issue
10/07/19	CL6 Cristina Sempio (USA) - A Simple Online Extraction LC/LC Atmospheric Pressure Ionization (APCI) MS/MS Assay for the Analysis of 17 Cannabinoids and Metabolites in Human Plasma	DFC6 Brian Waters (Japan) - Detection of Drug-Facilitated Sexual Assault (DFSA) compounds from adulterated beverages using monolithic silica adsorbents and multimode inlet GC-MS/MS	NE6 Svante Vikingsson (Sweden) - What we thought we knew – Master class on MSMS-spectra interpretation of fentanyl metabolites
12:08	CL7 Thomas Baumbauer (Germany) - Analysis of Mushroom and Plant Toxins in Human Urine by Means of Normal Phase Liquid Chromatography Coupled to High Resolution Mass Spectrometry	DFC7 Ruth Winecker (USA) - Fentanyl and Analogs: A Study of US Controlled Substances Act (CSA) Scheduling and Trends of Positive Results in Two Testing Populations	NE7 Eline Pottie (Belgium) - A Novel Serotonin Receptor Bio-Assay For The Activity-Profiling And Detection Of Hallucinogenic NPS?
12:20	LUNCH	LUNCH	LUNCH



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	TUESDAY 3RD SEPT		THURSDAY 5TH SEPT		FRIDAY 6TH SEPT	
	POST-MORTEM TOXICOLOGY II		HUMAN BEHAVIOUR TOXICOLOGY II		EMPLOYMENT/OCCUPATIONAL TOXICOLOGY	
Moderator	Luke Rodda (USA) Hazel Torrance (UK)		Wayne Jones (Sweden) Christophe Stove (Belgium)		Sumandeep Rana (USA) Peter Akrill (UK)	
13:20	PM10	Olaf Drummer (Australia) - Can cannabis really kill you?	HB10	Conor Crean (Austria) - The United Nations Office on Drugs and Crime Early Warning Advisory on New Psychoactive Substances.	E01	Luis Ferrari (Argentina) - Cocaine and related compounds in the hair of coca leaf chewers, coca tea drinkers and their comparison with cocaine addicts by RIA, UPLC-DAD-MS/MS
13:32	PM11	Barry Logan (USA) - The Trouble with Kratom: Analytical and Interpretative Challenges involving Mitragynine	HB11	Xiang Ping (China) - Application of Hair Analysis to Document Illegal 5-Methoxy-N,N-dissopropyltrptamine (5-MeO-DIPT) use	E02	Asia Abdullah (Iraq) - Health risk assessment of toxic polycyclic aromatic hydrocarbons in the dust of Basra, Iraq
13:44	PM12	Hetti Thanthri Thanuja Priyadarshani (Sri Lanka) - Qualitative and Quantitative Analysis of Cyanide in Blood by Headspace Gas Chromatography- Mass Spectrometry	HB12	Lisa Ołowski (Germany) - Large discrepancies of methamphetamine immunoassay screening and GC-MS confirmation results caused by presence of optically pure R-(-)-MA in serum samples	E03	Sam Bruschi (Australia) - Workplace drug testing in Australia – dealing with prescription and non-prescription medications, dilute urine specimens and attempted adulteration
13:56	PM13	Limon Nahar (UK) - Baclofen: to screen or not to screen?	HB13	Bendjamaa Atika (Algeria) - The new trends of drug diversion and drug use in the Western Region of Algeria	E04	Melike Aydogdu (Turkey) - Prevention of False Negativity with Creatinine Normalization
14:08	PM14	Tais Rodrigues (Brazil) - Development and validation of a method for quantification of 28 psychotropic drugs in post mortem blood samples by modified micro-QuEChERS and LC-MS/MS	HB14	Marie-Jo Lajoie (Canada) - The rise of flubromazolam as counterfeit Xanax®: detecting and managing the emergence of an NPS	E05	Gabriel Streun (Switzerland) - Deep Learning as a tool for classification of biological samples measured by HRMS: Detection of adulterated urine samples and cosmetically treated hair samples
14:20	PM15	Pirkko Kriikku (Finland) - Statistical validation of changes in the rate of acute fatal alcohol poisonings	HB15	José Burgueño (Spain) - Drug testing in hair: a powerful tool to approach the epidemiology of polydrug use	E06	Hannes Max Schwelm (Germany) - Recreational vs. medical use of amphetamine-type phenethylamines: Enantioselective analysis of metabolites in urine samples
14:32	PM16	Véronique Dumestre-Toulet (France) - A French case report of carfentanil fatality including blood, urine and hair investigations	HB16	Wing Chi Cheng (Hong Kong) - The emergence of deschloro-N-ethyl-ketamine, a ketamine analog, in drug seizures and drug driving cases in Hong Kong	E07	Marc Luginbühl (Switzerland) - Fully automated determination of phosphatidylethanol 16:0/18:1 and 16:0/18:2 in dried blood spots
14:44	PM17	Lana Brockbals (Switzerland) - Postmortem redistribution finally made predictable by a metabolomics approach? A proof-of-concept study involving morphine and methadone cases	HB17	Robert Forrest (UK) - The Presentation of Hair Strand Analysis Evidence in Court	E08	Andrew Leibie (Australia) - Incidence of drugs of abuse within the Australian Workforce subject to random drug testing
14:56	Break		Break		Break	
Moderator	CLINICAL TOXICOLOGY II		DRUG-FACILITATED CRIME II		NEW INNOVATIONS & NOVEL RESEARCH II	
Moderator	Duncan Stephen (UK) Frank Peters (Germany)		Heesun Chung (Korea) Robert Kronstrand (Sweden)		Susan Grosse (UK) Brigitte Desharnais (Canada)	
15:20	CL8	Lewis Couchman (UK) - Variability in content and dissolution profiles of MDMA tablets collected in the UK between 2001 and 2018 – potential risk to users?	DFC8	Marc LeBeau (USA) - Toxicological Findings from Alleged Sexual Assault Victims in Native American Communities from 2011 to 2018	NE8	Brigitte Desharnais (Canada) - Handling uncertainty of measurement in qualitative methods: a tool to help get ready for ISO 17025:2017 certification
15:32	CL9	Gudrun Høiseith (Norway) - Comparing the Diagnostic Value of PEth and CDT in 6705 patients: relation to Age and Sex	DFC9	Helena Teixeira (Portugal) - International Standard ISO/IEC 17025:2017 Transition – Challenges, Issues or Bargains? A Forensic Laboratory Perspective.	NE9	Gedifew Nigatu Beza (Ethiopia) - Multidetermination of drugs of abuse in human hair using restricted access supramolecular solvent combined with lc-ms/ms
15:44	CL10	Daniela Remane (Germany) - Severe cholinergic syndrome after accidental poisoning with chlormequat solution filled in a soft drink bottle.	DFC10	Belal Haschimi (Germany) - Pharmacological evaluation and detection of the recently emerged synthetic cannabinoid 4F-MDMB-BINACA in 'legal-high' products and human urine specimens	NE10	Huiling Liu (Norway) - P4 strategic production of NPS reference materials – Eurostars PSYCHOMICS Project
15:56	CL11	Annelies Cannart (Belgium) - Hide and seek: overcoming the masking effect of opioid antagonists in activity-based screening tests	DFC11	Melissa Fogarty (USA) - Ten Years of Experience with Synthetic Cannabinoids in the United States	NE11	Lysbeth Antonides (UK) - Enantiospecific synthesis, separation, detection and pharmacological assessment of carboxamide-type synthetic cannabinoid receptor agonists in seized samples.
16:08	CL12	Peter Stockham (Australia) - Monitoring drugs causing serious intoxication in the community through Emergency Department Admission Blood Psychoactive testing-Protocols & initial findings	DFC12	Teemu Gunnar (Finland) - Wastewater-based epidemiology combined with forensic toxicological information: The approach exemplified by cocaine and methamphetamine use in Finland	NE12	Anna Pelander (Finland) - Searching matches for time-of-flight spectra in an Orbitrap spectral database: results from a study simulating tentative identification of unknowns
16:20	CL13	Alex Lawson (UK) - Development of a Liquid Chromatography Quadrupole Time of Flight Mass Spectrometry Method for the Screening of Antihypertensive Drugs in Urine	DFC13	Eleuterio Umpiérrez (Uruguay) - Screening of new psychoactive substances, thc and cocaine in urine samples obtained at two music festivals in the metropolitan area	CLOSE 4:20pm	
16:32	CL14	Hooi Yan Moy (Singapore) - New Psychoactive Substances Abuse Situation in Singapore	DFC14	Michelle Peace (USA) - A Voice in the Wilderness: Unexpected Drugs Found in Unregulated Cannabidiol E-cigarette Products by the Unsuspecting Public	TIAFT Business meeting	
16:44	CL15	Julia Dinger (Germany) - Systematic Investigation on Matrix Effects of Neuroleptics in Plasma and Whole Blood Samples Analyzed on Three Different Mass Spectrometers	DFC15	Leiping Zhang (China) - Research on screening methods of common hypnotic drugs and metabolites: application to forensic cases		
16:56	CL16	Elena Lendoiro (Spain) - Oral fluid as an alternative matrix for therapeutic drug monitoring of immunosuppressants.	DFC16	Hilary Hamnett (UK) - Cognitive bias in forensic toxicology		
17:08	CL17	Jingya Yan (Australia) - Development of an Untargeted Metabolomics Assay for Forensic and Clinical Laboratories	DFC17	Simona Pichini (Italy) - Fast UHPLC-MS/MS screening for 87 NPS and 32 classic illicit drugs in whole blood, serum, urine and hair		
17:20	CLOSE 5:20pm		CLOSE 5:20pm			
			UKIAFT Business meeting			