



SOHT

27th Meeting of the SoHT

Lisbon

June 7-9 2023

"Tudo vale a pena quando a alma não é pequena"

Fernando Pessoa

WELCOME TO LISBON

It is for us a great pleasure to welcome you to the beautiful city of Lisbon, Portugal, for the 27th Meeting of the Society of Hair Testing.

In this event scientists will present and discuss new advances concerning hair testing, from the development of new methods to applications and results interpretation. This meeting will be a great forum to exchange experiences and knowledge, but also to share good times together.

Besides science, from the 7th to the 9th of June you will have the opportunity to visit this city, its sights, restaurants and Casas de Fado.

We hope you can join us!

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Meeting Program

Wednesday 7th June 2023

13h30		Registration
14h00 - 17h00		Board Meeting
17h30 - 19h30		City Tour
20h00 - 22h00		Welcome Cocktail

Thursday 8th June 2023

08h00		Registration												
08h30 - 09h00		Opening Ceremony												
9h00 - 9h45		<table><tr><td>Invited Lecture</td><td>João Matias European Monitoring Centre for Drugs and Drug Addiction (EMCDDA) - Portugal</td></tr><tr><td colspan="2">Monitoring drug use in Europe: an (even more) complex puzzle</td></tr></table>	Invited Lecture	João Matias European Monitoring Centre for Drugs and Drug Addiction (EMCDDA) - Portugal	Monitoring drug use in Europe: an (even more) complex puzzle									
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9h45 - 10h45		Session 1 - Hair testing: evaluation of human exposure to chemical compounds I												
		<table><tr><td>OC01</td><td>First method to test roxadustat in hair and application to a chronically treated patient</td></tr><tr><td colspan="2">JC Alvarez, I Etting, L Juillard, Z Massy, IA Larabi</td></tr><tr><td>OC02</td><td>Quantification of tacrolimus in scalp hair of solid organ transplant recipients</td></tr><tr><td colspan="2">T Zijp, L Junier, J van Boven, T Gan, S Bakker, D Touw</td></tr><tr><td>OC03</td><td>Metabolome changes in hair of amphetamine users</td></tr><tr><td colspan="2">M Cobo-Golpe, MR Baumgartner, TM Binz, T Kraemer, AE Steuer</td></tr></table>	OC01	First method to test roxadustat in hair and application to a chronically treated patient	JC Alvarez, I Etting, L Juillard, Z Massy, IA Larabi		OC02	Quantification of tacrolimus in scalp hair of solid organ transplant recipients	T Zijp, L Junier, J van Boven, T Gan, S Bakker, D Touw		OC03	Metabolome changes in hair of amphetamine users	M Cobo-Golpe, MR Baumgartner, TM Binz, T Kraemer, AE Steuer	
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	OC04	The effect of henna and bleach treatments on cocaine hair external contamination
	A Dombroski, A Alvarado, P St. Fleur, A Pomales, M Concheiro-Guisan, AMF Pego	
	OC05	Unveiling the potential of hair testing as a direct indicator of drug use: early results from the EHDAN (European Hair Drug Analysis Network) project in France
	A Larabi, P Dugues, S Chenorhokian, J Matias, G Pfau, JC Alvarez	

10h45 - 11h15



Coffee Break and Poster Session

11h15 - 12h15

Session 2 - Hair testing: evaluation of human exposure to chemical compounds II

	OC06	Romancing the three states of methamphetamine
	SJ Chan, NL Tan-Lee, HY Moy, CP Lui	
	OC07	Hair analysis: a tool to assess the prevalence of designer opioids among Swiss drug users
	M Polke, MR Baumgartner, T Kraemer, TM Binz	
	OC08	Accumulation of amphetamine in hair after contact with street amphetamine
	J Kaudewitz, V Auwärter	
	OC09	Application of hair testing to investigate the use of pregabalin in a population of addicted patients from Northern Algeria
	R Gottardo, S Tehami, A Bertaso, M Murari, R Djafer, F Bortolotti	
	OC10	When hair is the only biological specimen available: Analysis of a mummified scalp fragment
C Margalho, J Franco, M Barroso		

12h30 - 14h00



Lunch

14h15 - 15h00



Invited Lecture

María del Mar Ramírez Fernández

National Institute of Criminalistics and Criminology (NICC) - Belgium

Practical tips and tricks for good laboratory practice in hair testing

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15h00 - 16h00

Session 3 - Hair testing in children and younger populations

OC11

First insight into children's chemical exposome in New Caledonia based on hair analysis

A Iglesias-González, Y Letourneur, V Cirimele, Y Barguil, BMR Appenzeller

OC12

Infant exposure to illicit substances investigated by hair analysis

C Cestonaro, C Terranova, A Cinquetti, A Russo, A Aprile, D Faureto

OC13

Neonatal complications due to fetal and perinatal exposure to aripiprazole documented by maternal and neonatal hair analysis

E Donadel, M Chirico, F Zancanaro, S Frasson, T Malusa, P Cavicchioli, G Frison

OC14

A comparison of maternal and early childhood exposure using pesticides and persistent pollutants biomarkers in hair

LR Macheka, P Palazzi, A Iglesias-González, BMR Appenzeller, F Zeman

OC15

Drug abuse and crime in teenagers: the role of hair testing in forensic investigations

C García-Caballero, MA Martínez-González

OC16

Determination of nicotine and cotinine concentration in hair by UPLC-MS/MS: an 8-year study of passive smoking in Luxembourgish students

P Palazzi, A Ben Salah, A Kembou, BMR Appenzeller

16h00 - 16h15

Platinum Sponsor

16h15 - 16h45



Coffee Break and Poster Session

16h45 - 17h45

Session 4 - Methods in hair testing

OC17

Analytical detection of GHB in hair by UPLC-MS/MS

M Blanco-Ces, Á López-Rabuñal, L Paniagua-González, A de-Castro-Ríos, A Cruz, M López-Rivadulla, E Lendoiro

OC18

Validation of a UPLC-MS/MS method for the determination of 140 NPS in hair and application to population screening

G Stocchero, A Anesi, P Collovari, S Vogliardi, G Miolo, D Faureto

OC19

Rapid and effective determination of ethyl glucuronide in hair (hEtG) by micro extraction by packed sorbent (MEPS) and LC-MS/MS

S Mestria, S Odoardi, G Biosa, V Valentini, S Strano Rossi

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	OC20	Rapid and simple dispersive liquid-liquid microextraction (DLLME) sample preparation for propofol analysis in hair
	S Odoardi, S Mestria, G Biossa, V Valentini, S Strano Rossi	
	OC21	The race for results: rapid multi-drug analysis in hair using GC-MS/MS
JYH Loh, HH Zhang, HY Moy, CP Lui		
	OC22	An improved soaking method to prepare internal quality control hair samples
	X Xia, T Zhang, X Li, Y Zhu, Y Wang	

20h00



Social Dinner

Friday 9th June 2023

9h00 - 9h45		Invited Lecture	Ana De-Castro-Ríos
		University of Santiago de Compostela - Spain	
		Nails as hair alternative matrix for identification of drugs of abuse and medicines: an update	

9h45 - 10h45

Session 5 - Interpretation of hair testing results

	OC23	Is a hair test useful for documenting drug transfer between 2 individuals?
	P Kintz, L Gheddar, A Ameline, N Arbouche, JS Raul	
	OC24	Untargeted hair lipidomics: comprehensive evaluation of the hair-specific lipid signature and considerations for retrospective analysis
	M van de Lavoie, KM da Silva, E Iturraspe, R Robeyns, ALN van Nuijs, A Couaci	
	OC25	Is there a relationship between abuse of alcohol and illicit drugs seen in hair results?
	F Pragst, S Hartwig, A Niebel, D Thurmann, M Dullin, S Eichberg, F Mörlein	
	OC26	Benefit of short length hair segmentation when testing for ETG in combination with drugs of abuse
J Nutt, L Tsanaclis, S Bevan, M Andraus		
	OC27	Proteomics: a new approach to detect cosmetic hair treatment
	TD Schneider, T Kraemer, TM Binz, MR Baumgartner, AE Steuer	

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11h00 - 11h30		Coffee Break and Poster Session				
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12h30 - 14h00		Lunch				
14h00 - 16h30		Business Meeting				
16h40 - 17h00		Awards and Closing Ceremony				

Poster Communications

PC01	Evaluation of simplified workflow for hair matrix extraction prior to UHPLC-MS/MS analysis
<u>M. Vezse</u> , L Williams, C Hayes, A Edgington, A Senior, H Lodder, G Davies, C Desbrow, D Menasco	
PC02	Hair analysis to establish the severity of drug consumption in a population
<u>T Soriano</u> , C Pareja, <u>A González</u> , I Moreno, L Pigne, M Salguero	
PC03	Doping in leisure sports - IDAS data from 2022
<u>P Anielski</u> , D Thieme, C Rautenberg, S Voss	
PC04	Fentanyl and propofol misuse: hair analysis provides significant evidence in the death of a young doctor
<u>MJ Burgueño</u> , JR Bueno, C Megía, O Quintela, S Velázquez, B Bravo	
PC05	Development and validation of a single LC-MS/MS method for the analysis of amphetamines, opiates, cocaine, methadone and metabolites in hair samples
<u>A González-Padrón</u> , C Pareja, A Pino-Tarragona, M Salguero, T Soriano	

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Poster Communications

PC06	Modern day shamanism: a case of repeated Ayahuasca consumption in metropolitan France documented by hair and nails analysis
<u>F Hakim</u> , A Gish, G Le Roux, C Richeval, JF Wiart, L Humbert, D Allorge, JM Gaulier	
PC07	Sample preparation, extraction and quantification of endogenous steroids from hair and fur: a systematic review
P Maher, L Zgaga, E Laird, M Healy	
PC08	Determination of amphetamine-related drugs in hair using MEPS as sample clean-up
B Pires, A Simão, T Rosado, E Gallardo, M Barroso	
PC09	Influence of cosmetic damage in hair segmental analysis in a post mortem forensic case
R Poveda, M Vazquez, T Khazooz, N Sanvicens	
PC10	Dispensing error and gliclazide poisoning: the importance of hair testing
S Riess, O Roussel, M Chèze, D Garside, V Cirimele	
PC11	Stress hormone concentrations in hair and psychological stress measurement as predictive markers for long COVID
C Fazekas, HH Kessler, E Stelzl, K Schmid-Zalaudek, M Kollroser, T Weiermair, F Matzer, N Goswami	
PC12	Hair biomonitoring of metals and metalloids exposure in a cohort of children (6 -24 months)
B Dahiri, C Chamorro, P Carbonero-Aguilar, M Hinojosa, A Garrido, M González, A Millán, L Acosta, A Periañez, J Bautista, I Moreno	
PC13	A review of publications in hair testing: 2020-2023
A Simão, M Antunes, B Pires, G Catarro, S Soares, F Matos, T Rosado, E Gallardo, M Barroso	

Meeting Program

Meeting Venue



Auditorium of Nova Medical School - Nova University

Address: Campo Mártires da Pátria, 130, 1169-056 Lisbon, Portugal

GPS: 38°43'12.7"N 9°08'22.8"W



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