Friday, 24th of June, 2016

IALM intersocietal symposium
P5 Medicine & Justice
21st - 24th June 2016 - VENICE

IALM Intersocietal Symposium

INNOVATION, UNITARINESS AND EVIDENCE
Forensic Imaging

Co-Chairmanship: S. GRABHERR - T. ISHIKAWA

9.00 Opening Lecture
History and Current State of Forensic Imaging

Lectures
– Advances in Post-Mortem Forensic Imaging
– Advances in Clinical Forensic Imaging
– Future Evidence in Forensic Imaging

Open Discussion

IALM Intersocietal Symposium

INNOVATION, UNITARINESS AND EVIDENCE
Forensic Toxicology

Co-Chairmanship: T. KELLER - A. SALOMONE

9.00 Opening Lecture
Post-Modern Medicolegal and Forensic Toxicology

Lectures
– From Drug Identification to Systems Toxicology
– Single hair analysis. Monitoring Concept for P4 Implementation
– Metabolomics and Omics-related Sciences in Forensic Toxicology

Open Discussion

IALM Intersocietal Symposium

INNOVATION, UNITARINESS AND EVIDENCE
Forensic Genetics and Genomics

Co-Chairmanship: B. LUDES - H. PFEIFFER

9.00 Opening Lecture
From Hemogenetics to Forensic Genomics

Lectures
– New Trends in Phenotype Prediction
– Populations Genomics. Future Forensic Perspectives
– Future Evidence in Forensic Genomics

Open Discussion

IALM Intersocietal Symposium

COFFEE BREAK
Friday, 24\textsuperscript{th} of June, 2016

INNOVATION, UNITARINESS AND EVIDENCE
Forensic Imaging

Co-Chairmanship: G. CECCHETTO – G. RUTTY

11.30 Groundbreaking Oral Communications

GOP-25 Establishment of reference values for density measurement in post-mortem computed tomography (PMCT) and multiphase PMCT-Angiography (MPMCTA)  
\textsc{FIRST AUTHOR} \textsc{A. DOMINGUEZ}

GOP-26 Post-mortem sedimentation versus vital pulmonary embolism in post-mortem computed tomography  
\textsc{FIRST AUTHOR} \textsc{A. HEINEMANN}

GOP-27 Detection of pulmonary fat embolism in cases with post-mortem CT angiography (PMCTA)  
\textsc{FIRST AUTHOR} \textsc{M. LESTA}

GOP-28 Forensic pathology in modern perinatal medicine  
\textsc{FIRST AUTHOR} \textsc{M. R. MARTINEZ}

GOP-29 The influence of scanner type and acquisition parameters on bone length measurements in computed tomography  
\textsc{FIRST AUTHOR} \textsc{T. ULDIN}

GOP-30 Forensic 3D documentation of the injuries  
\textsc{FIRST AUTHOR} \textsc{C. VILLA}

GOP-31 Iatrogenic cardiac shunts. Findings in PMCT and MPMCTA  
\textsc{FIRST AUTHOR} \textsc{H. VOGEL}

Open Discussion

INNOVATION, UNITARINESS AND EVIDENCE
Forensic Toxicology

Co-Chairmanship: R. RAUDYS – K. STEWART

11.30 Groundbreaking Oral Communications

GOP-32 EWDTS guidelines. Highlights of the update 2015  
\textsc{FIRST AUTHOR} \textsc{M. BRCAK}

GOP-33 Driving under the influence of drugs. Epidemiology, clinical impairment and latest legislative per se approach in Ireland and Europe  
\textsc{FIRST AUTHOR} \textsc{D. CUSACK}

GOP-34 Genotyping CYP2D6 in post-mortem tramadol cases. A case report  
\textsc{FIRST AUTHOR} \textsc{S. FONSECA}

GOP-35 Simulated motorcycle riding performance under low-dose alcohol in light drinkers. A pilot study  
\textsc{FIRST AUTHOR} \textsc{R. GIORGETTI}

GOP-36 LC–MS/MS determination of Topiramate in nails and hair. Comparison of incorporation into these keratinized matrices  
\textsc{FIRST AUTHOR} \textsc{C. JIMÉNEZ-MORIGOSA}

GOP-37 Driving under the influence of drugs. Scientific technical evaluation and selection of preliminary drug testing devices currently available in Europe  
\textsc{FIRST AUTHOR} \textsc{R. MAGUIRE}

GOP-38 A comparison between hair EtG, hair FAEE, serum CDT in detecting patterns alcohol consumption in child protection cases  
\textsc{FIRST AUTHOR} \textsc{J. NUTT}

Open Discussion
Friday, 24th of June, 2016

INNOVATION, UNITARINESS AND EVIDENCE
Forensic Genetics and Genomics

Co-Chairmanship: N.E. CHUNG – A. LUNA

11.30 Groundbreaking Oral Communications

GOP-39 Digital resolution of forensic biological mixtures by separation of 100% pure cells from each contributor for precise genetic analysis

GOP-40 Development of methylation marker sets for forensic age estimation using Sequenom Epityper and analysis of public methylation data

GOP-41 HLA-DRB1 and DQB1 frequencies in United Arab Emirates Population

GOP-42 Association of a body fluid with a DNA profile by targeted RNA/DNA deep sequencing

GOP-43 Relevance of molecular testing in patients with a family history of sudden death

GOP-44 A comparative study between muscle, cartilage, bone and swab from inside the urinary bladder for DNA typing in disaster victim identification

GOP-45 The impact of variants in arrhythmia associated genes on unexplained drownings

13.00 LUNCH

Open Discussion

P5 PERSONALIZED JUSTICE
Transdisciplinary Innovation and Future Evidence

Co-Chairmanship: D. CUSACK – N. IKEDA – S. POLLAK

14.00 Reports of Previous Sessions

I SESSION Scientific–Technological Innovation and Epistemological Perspectives

II SESSION Bio-Medicolegal and Criminological Sciences

III–IV SESSION Forensic Pathology and Anthropology

V–VI–VII SESSION Violence – Personal Injury – Medical Malpractice

VIII SESSION Personal Identification – Age Estimation

IX–X SESSION Forensic Genetics and Genomics

XI–XII SESSION Forensic Toxicology

XIII–XIV SESSION Forensic Imaging

Guided and Open Discussion

15.30 COFFEE BREAK

Co-Chairmanship: S.D. FERRARA, G. FORTI, C.J. TARFUSSER

16.00 Round–Table and Open Discussion

18.00 Conclusions