

Forensic Medicine Conference of the Baltic Medico-Legal Association

SCIENTIFIC PROGRAMME

Venue: Tallink Spa & Conference Hotel

Wednesday, September 20

17:00 – 20:00 Registration in the Hotel's Lobby
19:00 – 21:00 *Welcome Reception*

Thursday, September 21

08:00 – 10:00 Registration in the Conference Center

Chairmen: **Prof Marika Väli, Prof Erkki Vuori, Dr Grigorijs Vabels and Dr Romas Raudys**

09:15 – 10:15 Official Opening Ceremony
Opening remarks
[Prof Marika Väli](#), President of the Conference and [Mr Üllar Lanno](#), Director of EFSI
Welcome speech
[Mr Urmas Reinsalu](#), Minister of Justice
Welcome speech
[Prof S. Davide Ferrara](#), President of the International Academy of Legal Medicine
Welcome speech
[Prof Duarte Nuno Vieira](#), President of the European Council of Legal Medicine

10:15 – 10:30 History of Baltic-Medico Legal Association
[Dr Grigorijs Vabels](#), President of BMLA

10:30 – 11:00 *Coffee break*

11:00 – 12:00 Autopsy. Why do we need the autopsy and why should we perform autopsies?
[Prof Burkhard Madea](#), Germany

12:00 – 12:30 The European Council of Legal Medicine
[Prof Duarte Nuno Vieira](#), Portugal

12:30 – 13:00 European accreditation of the forensic medicine specialization
[Prof Éva Keller](#), Hungary

13:00 – 14:00 *Lunch*

- Chairmen: Prof Burkhard Madea and Prof Denis Cusack**
- 14:00 – 15:00 Post mortem genetic diagnostics in medico-legal, where do we stand?
[Prof Antti Sajantila](#), Finland
- 15:00 – 15:20 Medical fitness to drive/intoxicated driving/European context and update?
[Prof Denis Cusack](#), Ireland
- 15:20 – 15:40 Once more about residence in forensic medicine
[Assoc Prof Ojars Teteris](#), Latvia
- 15:40 – 16:00 Developing a next-generation sequencing (ngs) platforms applications in forensic and legal medicine use: new approach in practical and scientific research
[Prof Marija Čaplinskienė](#), Lithuania
- 16:00 – 16:30 *Coffee break*
- 16:30 – 17:00 Session presentation posters of pathology
Chaired by [Prof Ojars Teteris](#) and [Prof Antti Sajantila](#)
- Chairmen: Prof Duarte Nuno Vieira and Prof Eva Keller**
- 16:30 – 16:45 Death investigation system in Japan
[Prof Kenji Ishihara](#), Japan
- 16:45 – 17:00 Comparison of the work of forensic medical examiners in Estonia and the State of Florida (Duval County Jacksonville)
[Prof Marika Väli](#), Estonia
- 17:30 – 18:30 ECLM General Assembly
- 20:00 – 23:00 *Conference Dinner in the Old Town
(Participation with voucher)*

Friday, September 22

- Chairmen: Dr Romas Raudys and Prof Daisuke Yajima**
- 09:15 – 10:00 Old and new drugs in forensic toxicology
[Prof Ilkka Ojanperä](#), Finland
- 10:00 – 10:15 Fraudulent Forensics
[Prof Robert Flanagan](#), United Kingdom
- 10:15 – 10:30 Stature estimation in a modern Japanese population based on clavicular measurements using multidetector computed tomography
[Prof Suguru Torimitsu](#), Japan
- 10:30 – 10:45 Post-mortem concentrations of vitreous potassium, xanthine and hypoxanthine in estimating time since death
[Dr Sünne Remmer](#), Estonia

10:45 – 11:00 DNA analysis in sexual assault case of a 9-year-old child
[Mrs Maarja Sadam](#), Estonia

11:00 – 11:30 *Coffee break*

Parallel session: Pathology

Chairmen: Prof Dr Grigorijs Vabels and Dr Mailis Tõnisson

11:30 – 12:15 Forensic evaluation of child sexual abuse
[Prof Randell C. Alexander](#), United States of America

12:15 – 12:30 Sexual Assaults in a foreign country – a study in Lisbon
[Dr Catarina Gomes](#), Portugal

12:30 – 12:45 5-year (2011–2015) analysis of medical negligence cases in Latvia
[Dr Sergejs Dubencovs](#), Latvia

12:45 – 13:00 Suicides in vulnerable age groups in Estonia
[Dr Jana Tuusov](#), Estonia

Parallel session: Toxicology

Chairmen: Prof Ilkka Ojanperä, Dr Jozef Sidlo

11:30 – 12:15 Analysis of wastewater reveals day-to-day variation in the use of abused drugs in Finland
[Prof Erkki Vuori](#), Finland

12:15 – 12:30 High-resolution mass spectrometry enables broad-spectrum urine drug screening in analytical toxicology

[Mrs Mira Sundström](#), Finland

12:30 – 12:45 Fatal consequences of tramadol use/abuse
[Dr Jozef Sidlo](#), Slovak Republic

12:45 – 13:00 Olanzapine: challenges in toxicological results interpretation
[Dr Miguel Alexandre Peixoto Antunes da Costa Lopes](#), Portugal

13:00 – 14:00 *Lunch*

Chairmen: Prof Randell C. Alexander and Dr Jana Tuusov

14:00 – 14:15 Forensic Science of the Republic of Kazakhstan: priorities and prospects
[Dr Saule Mussabekova](#), Kazakhstan

14:15 – 14:30 A case of medical malpractice in bariatric surgery
[Dr Ilona Drikkitt](#), Estonia

14:30 – 14:45 An objective approach using three indexes for determining fatal hypothermia due to cold exposure; statistical analysis of oxyhemoglobin saturation data
[Prof Daisuke Yajima](#), Japan

14:45 – 15:00 Glycated haemoglobin (HbA1c) for post-mortem diagnosis of diabetes
[Dr Delia Lepik](#), Estonia

15:00 – 15:15 Genome-wide gene expression changes caused by alcohol and drug abuse
[Dr Andreas-Christian Hade](#), Estonia

Chairmen:

14:00 – 14:15 **Prof Marija Jakubeniene, Mrs Aime Riikoja**
The effects of alcohol in antiseptic oral sprays on breath alcohol level
[Dr Ismail Mehmet Demirci](#), Turkey

14:15 – 14:30 Determination of cyanide metabolite ATCA in whole blood by LC-MS-MS
[Mr Tarmo Barndök](#), Estonia

14:30 – 14:45 Quantification of drug metabolites without authentic reference standards: application to the stimulant drug α -PVP
[MSc Samuel Mesihää](#), Finland

14:45 – 15:00 The comparative study of alcohol concentration in postmortem specimens of blood, urine and bile
[Prof Marija Jakubeniene](#), Lithuania

15:00 – 15:15 Illegal fentanyles – 15 years in Estonia
[Dr Mailis Tõnisson](#), Estonia

15:15 – 15:30 No (physical) harm done
[Dr Mário Sardinha](#), Portugal

15:15 – 15:30 NPS and heroin related deaths in Budapest between 1994-2014
[Dr Zsófia Almádi](#), Hungary

15:30 – 16:00 Coffee break

Chairmen: Prof Marija Čaplinskienė and Dr Inga Martinova

16:00 – 16:15 Study of exhumation protocols of people killed by communist regime in Riga Central prison, 1941
[Dr Alexandra Kissina](#), Latvia

16:00 – 17:00 Session presentation posters of toxicology
Chaired by [Prof Erkki Vuori](#) and [Mr Tarmo Barndök](#)

16:15 – 16:30 Sudden cardiac death in younger than 40 and forensic medicine practice in Latvia, 2007–2016
[Dr Jolanta Vamze-Liepiņa](#), Latvia

16:30 – 16:45 Sharp force trauma on bones – possibilities of weapon identification (archaeological and recent cases)
[Dr Giedrius Kisielius](#), Lithuania

16:45 – 17:00 Vehicle-pedestrian collision circumstance impact on pedestrian injury pattern
[Dr Artūrs Grise](#), Latvia

17:00 Closing of the BMLA Conference 2017