Forensic Medicine Conference of the Baltic Medico-Legal Association

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 residenture 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**

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<thead>
<tr>
<th>Chairmen:</th>
<th>Prof Dr Grigorijs Vabels and Dr Mailis Tõnisson</th>
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| 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 |

13:00 – 14:00 Lunch

**Parallel session: Toxicology**

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<tr>
<th>Chairmen:</th>
<th>Prof Ilkka Ojanperä, Dr Jozef Sidlo</th>
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| 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 |

14:00 – 14:15 Forensic Science of the Republic of Kazakhstana: priorities and prospects  
Dr Saule Musabekova, Kazakhstan

14:15 – 14:30 A case of medical malpractice in bariatric surgery  
Dr Ilona Drikkit, 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

The effects of alcohol in antiseptic oral sprays on breath alcohol level  
Dr Ismail Mehmet Demirci, Turkey

Determination of cyanide metabolite ATCA in whole blood by LC-MS-MS  
Mr Tarmo Barndõk, Estonia

Quantification of drug metabolites without authentic reference standards: application to the stimulant drug α-PVP  
Dr Samuel Mesihää, Finland

The comparative study of alcohol concentration in postmortem speciemens of blood, urine and bile  
Prof Marija Jakubeniene, Lithuania

Illegal fentanyl – 15 years in Estonia  
Dr Mailis Tõnisson, Estonia
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<tr>
<th>Time</th>
<th>Presentation</th>
<th>Chairmen</th>
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<tr>
<td>15:15 – 15:30</td>
<td>No (physical) harm done</td>
<td>Dr Mário Sardinha, Portugal</td>
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<td>15:15 – 15:30</td>
<td>NPS and heroin related deaths in Budapest between 1994-2014</td>
<td>Dr Zsófia Almádi, Hungary</td>
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<td>15:30 – 16:00</td>
<td>Coffee break</td>
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<td>16:00 – 16:15</td>
<td>Study of exhumation protocols of people killed by communist regime in Riga Central prison, 1941</td>
<td>Prof Marija Čaplinskienė and Dr Inga Martinova</td>
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<td>16:00 – 17:00</td>
<td>Session presentation posters of toxicology</td>
<td>Chaired by Prof Erkki Vuori and Mr Tarmo Barndök</td>
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<td>16:15 – 16:30</td>
<td>Sudden cardiac death in younger than 40 and forensic medicine practice in Latvia, 2007–2016</td>
<td>Dr Alexandra Kissina, Latvia</td>
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<td>16:30 – 16:45</td>
<td>Sharp force trauma on bones – possibilities of weapon identification (archaeological and recent cases)</td>
<td>Dr Jolanta Vamze-Liepiņa, Latvia</td>
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<td>16:45 – 17:00</td>
<td>Vehicle-pedestrian collision circumstance impact on pedestrian injury pattern</td>
<td>Dr Artūrs Grise, Latvia</td>
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17:00 Closing of the BMLA Conference 2017