

# Scientific Program of the 17th Baltic Congress of Laboratory Medicine

Thursday, September 5

Hall No. 1

- 15:30 **Exhibition**
- 15:30-17:10 **Registration**
- 17:00 **Opening Ceremony**
- 17:00-17:10 Congress President Dalius Vitkus (Lithuania)
- 17:10-17:15 IFCC President Tomris Ozben (Turkey)
- 17:15-17:30 EFLM President Mario Plebani (Italy)
- 17:30-18:30 **Opening lecture**  
Chair Dalius Vitkus (Lithuania)  
“Closing the Gap in Pediatric Reference Intervals in Children and Adolescents: The CALIPER Program”, *Khosrow Adeli (Canada)*
- 18:30-20:00 **Welcome Cocktail**

Friday, September 6

Hall No. 1

- From 8:00 **Registration**
- 9:00-10:00 **PLENARY LECTURE**  
Chair Verena Hasselman (Germany)  
“Integrated Diagnostics: Evidence Based Therapy Guidance in Oncology from Tumor Markers to Liquid Biopsy and Imaging”, *Tomris Ozben (Turkey)*
- 10:00-10:30 **Coffee break**
- 10:30-12:00 **HEMOSTASIS**  
Chairs: *Valdas Banyas (Lithuania), Jecko Thachil (United Kingdom)*  
“Coagulation screen – advantages and disadvantages”,  
*Jecko Thachil (United Kingdom)*  
“Laboratory monitoring of the antithrombotic treatment in Estonia”,  
*Marika Pikta (Estonia)*  
“Point-of-care testing of coagulation in routine and critical care”,  
*Helin Tuukka (Finland)*  
“Assessment of Stability of Activated Partial Thromboplastin Time, D-Dimer, Fibrinogen, and Thrombin Time Under Different Storage Conditions in Human Plasma”, *Mārtiņš Birze (Latvia)*
- 12:00-13:00 **Lunch** Hall No. 2
- 13:00-14:00 **Plenary lecture**  
Chair Dalius Vitkus (Lithuania)  
“Value-based Laboratory Medicine: Quality in the Total Testing Process”,  
*Mario Plebani (Italy)*

**14:00-15:30 TOTAL QUALITY MANAGEMENT**

*Chairs Ričardas Stonys (Lithuania), Jānis Meisters (Latvia)*

“Transition to IVD-R in Estonia”, *Kai Jõers (Estonia)*

“Verification of the transferability of reference values for serum creatinine”,  
*Oana Oprea (Romania)*

“Continuous improvement of critical value management process”,  
*Jānis Meisters (Latvia)*

“Post-implementation Risk Monitoring. Practical example”, *Ieva Barane (Latvia)*

**15:30-16:00 Coffee break**

**16:00-17:30 ALLERGOLOGY AND CLINICAL IMMUNOLOGY**

*Chairs Loreta Bagdonaitė (Lithuania), Marija Rozevska (Latvia)*

“Navigating in IVD Allergy test universe”, *Asta Miškinienė (Lithuania)*

“Precision Health: Exploring Molecular Sensitization in Lithuania”,  
*Gabija Biliūtė (Lithuania)*

“Inborn errors of immunity: clinical, immunological and genetic diagnostics in  
Latvia's patients”, *Marija Rozevska (Latvia)*

**Hall No. 1.1**

**10:30-12:00 GENETICS: 50 YEARS OF NEWBORN SCREENING**

*Chairs: Tiina Kahre (Estonia), Algirdas Utkus (Lithuania)*

“Whole genome sequencing to enable genomic healthcare and research:  
lessons from the the UK”, *Dalia Kasperavičiūtė (UK)*

“Review of Newborn Screening in Latvia, Children's Clinical University Hospital”,  
*Zanda Daneberga (Latvia)*

“Newborn screening in Estonia and development of new pilot projects”,  
*Tiina Kahre (Estonia)*

“Clinical laboratory experience in Fetal Aneuploidy Detection: Comparative  
Analysis of NGS-based and dPCR-based NIPT Methods”, *Veronika Korenika (Lat-*

*via)*

**14:00-15:30 MOLECULAR DIAGNOSTICS**

*Chair Dace Enkure (Latvia), Jūratė Gruodė (Lithuania)*

“MoIDx/NGS/Liquid Profiling: integrative approaches from bench to bedside”,  
*Verena Hasselman (Germany)*

“RNA sequencing and transcriptome analysis as a diagnostic tool”,  
*Dace Enkure, Children's Clinical University Hospital (Latvia)*

“Advancements in Molecular Diagnostic Testing for Breast and Ovarian Cancer in  
Estonia”, *Mikk Tooming (Estonia)*

“Screening for common BRCA1/BRCA2 pathogenic variants using in-house SNaP-  
panel”, *Dmitrijs Perminovs (Latvia)*

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**16:00-17:30 LABORATORY HEMATOLOGY**

*Chair Rēda Matuzevičienė (Lithuania), Dagne Grāvele (Latvia)*

“Different Aspects of Trombophilia”, *Kristīne Bernāte (Latvia)*

“Insights from the practice of laboratory testing for ADAMTS 13”,  
*Daiva Urbonienė (Lithuania)*

“From the Laboratory to the Patient: the cure of Acute Lymphoblastic Leukemia  
through individualized therapy”, *Goda Vaitkevičienė (Lithuania)*

“Clinical cell analysis in light of the molecular acute myeloid leukemia landscape”,  
*Mantas Radzevičius (Lithuania)*

## Hall No. 1.2

- 10:00-10:30 Educational workshop (sponsored by Diamedica)**  
“The letter from ICU to laboratory: We think it’s sepsis”,  
*Maxime Ndolumingo (France)*
- 10:30-11:00 Educational workshop (sponsored by Diamedica)**  
“Navigating Positive Antibody Screening: Techniques and Management Strategies in Immunohematology”, *Bueno Cabrera, José Luis (Spain)*
- 11:30-12:30 Educational workshop (sponsored by Abbott)**  
“Biomarkers of Brain Injury: Objective Approach to Aid in Ruling Out the Presence of Acute Intracranial Lesion”  
  
“Novel and Game-Changing blood biomarkers for ruling out intracranial lesions in mild traumatic brain injury”, *Ksenia Musaelyan (Ireland)*  
  
“Using blood TBI test to reduce the number of CT scans performed in mild traumatic brain injury patients – a laboratory perspective”, *Oana Oprea (Romania)*  
  
“Strategy for introducing blood biomarkers for mild traumatic brain injury in the emergency department”, *Martina Pavletich (Croatia)*
- 13:15-13:45 Educational workshop (Sponsored by Interlux group)**  
“Extended Genotyping and Self- Collection for advanced Cervical Cancer Screening”, *Žana Bumbulienė (Lithuania)*
- 14:00-14:30 Educational workshop (sponsored by Diamedica)**  
“Preanalytics as a continuing challenge for laboratory professionals”,  
*Agnieszka Molas-Kilianek (Poland)*
- 15:30-16:00 Educational workshop (sponsored by Roche)**  
“Automatization and Digitalization from Laboratory Perspective”,  
*Valdas Banys (Lithuania)*
- 16:00-16.30 Educational workshop (sponsored by Interlux group)**  
“A new approach to the antibody identification process with IH-AbID software”,  
*Katarzyna Malesa (Poland)*
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## Saturday, September 7

### Hall No. 1

- 9:00-10:00 PLENARY LECTURE**  
*Chair Anu Tamm (Estonia)*  
  
“Reference Interval Harmonization: Harnessing the Power of Big Data Analytics to Harmonize Reference Intervals across Populations and Analytical Platforms”,  
*Khosrow Adeli (Canada)*
- 10:00-10:30 Coffee break**
- 10:30-12:00 EDUCATION AND TRAINING OF LABORATORY MEDICINE SPECIALISTS**  
*Chairs Kalle Kisand (Estonia), Dovilė Karčiauskaitė (Lithuania)*  
  
“Training of laboratory specialists and laboratory doctors in Estonia”,  
*Kalle Kisand (Estonia)*  
  
“Education and training of laboratory specialists in Lithuania”,  
*Dovilė Karčiauskaitė (Lithuania)*  
  
“Training of laboratory specialists and laboratory doctors in Latvia”,  
*Dana Sproģe (Latvia)*
- 12:00-13:00 Lunch Hall No. 2**

**13:00-14:30 FUTURE TRENDS IN LABORATORY MEDICINE**

*Chairs Agnes Ivanov (Estonia), Dalius Vitkus (Lithuania)*

“Extracellular vesicles based biomarkers of endometrial readiness for embryo implantation can replace tissue biopsy”, *Elina Aleksejeva (Estonia)*

“Bioelectrochemical technologies and their applications in medical diagnostics”, *Marius Dagys (Lithuania)*

“Sustainable medical laboratories – the road to the future”, *Snežana Jovičić (Serbia)*

**14:30 Closing Ceremony**

**Hall No. 1.1**

**10:30-12:00 CLINICAL CHEMISTRY**

*Chair Edvins Kazušs (Latvia), Inga Bikulčienė (Lithuania)*

“Utility of heavy light chains and free light chains assays in laboratory and clinical practice”, *Maciej Korpysz (Poland)*

“Relation between HDL function and quantity: insights from meta-analysis”, *Linas Černiauskas (Lithuania)*

“Unlocking Potential: Laboratory testing of TNF $\alpha$  inhibitors – Children’s Clinical University Hospital Experience”, *Ivita Šēla (Latvia)*

“Expression of inflammation depending on the cytological findings and the stage of cervical cancer”, *Agnė Vitkauskaitė (Lithuania)*

**13:00-14:30 CLINICAL MICROBIOLOGY**

*Chair Asta Dambrauskienė (Lithuania), Aigars Reinis (Latvia)*

“Laboratory experience in implementing Whole-genome sequencing for genomic surveillance of healthcare-acquired antimicrobial-resistant pathogens – Klebsiella pneumoniae example”, *Baiba Niedre-Otomere (Latvia)*

“Laser speckle imaging Technology for rapid determination of antibacterial susceptibility”, *Aigars Reinis (Latvia)*

“Screening strategies for carbapenem -resistant Gramnegative pathogens in Laboratory”, *Asta Dambrauskienė (Lithuania)*

“A Potential Alternative to Antibiotics. Progress of Phage Therapy Research in Latvia”, *Dace Rezevska (Latvia)*

**Hall No. 1.2**

**11:00-11:30 Educational workshop (sponsored by Diamedica)**

“Moving Forward: The Clinical Value of HPV Testing with Full Genotype Information in the Cervical Cancer Screening Paradigm”, *Eugene Seong-Youl Kim (South Korea)*

**13:00-13:30 Educational workshop (sponsored by Diagnostines sistemas)**

“The value of POCT (point of care testing) in the patients management with Cardiometabolic syndrome”, *Christos Kalokyris (Greece)*