



Current Trends and Future Perspectives in the Methodology of Laboratory Medicine Education and Clinical Practice

Tbilisi State Medical University
Administrative Building, Ground Floor, II Conference Hall
Saturday, March 28, 2026
Conference Program

Time	Topic	Speaker
09:30-10:15	Registration	
10:20 – 11:10	Conference Opening Ceremony and Welcome Speeches	<ul style="list-style-type: none">• Irakli Natroshvili – Rector of TSMU, Professor• Nino Gogokhia - Professor, Head of Laboratory Medicine Department, TSMU; Secretary General of Association• Conferral of Invited Professor title on Professor Minodora Dobreanu (Târgu Mureș, Romania) by TSMU Rector, Professor Irakli Natroshvili• Acceptance speech by Professor Minodora Dobreanu• Irina Imerlishvili – Rector of BAU, Professor, Doctor of Law, State Counselor of Justice• Nino Chumburidze-Areshidze - Honorary Professor, TSMU; Consultant of Association• Zaruhi Gevorgyan – PhD, Yerevan State Medical University, Head of Clinical Laboratory Diagnostic Department of YSMU, Head of the Laboratory in Mikayelyan institute of surgery, President of Armenian Association of Laboratory Medicine.• Thomas Zima – Professor, President of EFLM (video address) <p>Honored Folk Song and Dance Ensemble of TSMU</p>

Session I - Importance of Education in Laboratory Medicine

Moderators:

- **Nino Gogokhia** – Professor, Head of Laboratory Medicine Department, TSMU; Head of First University Clinic Laboratory; Secretary General of Association.
- **Tamar Didbaridze** – Professor, Head of TSMU Microbiology Department, Clinical Microbiologist, TSMU First University Clinic.
- **Khatia Mikaberidze** – PhD student at TSMU, visiting lecturer at Laboratory Medicine Department, Head Physician of First University Clinic laboratory, member of Association Board.

11:10 - 11:30	Issues of Laboratory Medicine Education in Romanian Higher Medical Institutions	Minodora Dobreanu – MD, PhD, Professor, Department of Laboratory Medicine, Clinical Biochemistry and Immunology; Tirgu- Mureş University of Medicine, Pharmacy, Science and Technology (Romania)
11:30 – 11:45	Postgraduate Medical Education in Georgia	Zaza Bokhua – MD, PhD, Professor, Director of Institute of Postgraduate Medical Education and Continuing Professional Development
11:45 – 12:05	Application of AI in Laboratory Medicine Education	Abdurrahman Coşkun –MD, PhD, Professor of Clinical Biochemistry, Acıbadem University School of Medicine, Turkey. Member of Executive Board of European Federation of Laboratory Medicine (EFLM)
12:05 – 12:20	Establishment of Digital Database for Micromorphological Specimens and Its Application in Pathological Anatomy Education Process	Rima Beriashvili – MD, PhD, Professor, Head of Pathological Anatomy Department, Head of Department of Academic Development and Strategic Planning, TSMU
12:20 – 12:35	Challenges in Clinical and Laboratory Diagnostics of New Psychoactive Substances	Khatuna Todadze – MD, PhD, Professor; Head of Quality Assurance Service, TSMU
12:35 – 12:50	Beyond the Numbers: Novel Insights into Complete Blood Count Interpretation	Tinatin Chikovani – MD, PhD, Professor, Head of Immunology Department, TSMU




12:50 – 13:05	Laboratory Skills Education at TSMU Scientific Research Skills Centre	Luiza Gabunia – MD, PhD, Professor, Head of Clinical Pharmacology Department, Director of Scientific Research Skills Center, TSMU
13:05 – 13:25	Application of Flow Cytometry for Clinical and Laboratory Diagnostics of Autoimmune Disorders and Parkinson’s Disease	Fei Yang – PhD Biochemist, Molecular Biologist, Immunologist, Head of the Scientific Department, Wuhan University Hospital, People's Republic of China
13:25 – 13:40	Objective Structured Clinical Examination (OSCE) - A Knowledge Assessment Tool. Benefits and Challenges	Marina Mamaladze - MD, PhD, Professor, Head of the Department of Odontology, TSMU; President of Georgian Dental Professional Association
13:40 – 14:10	Lunch	
Session II –Role of Laboratory Medicine in Clinical Disciplines		
Moderators:		
<ul style="list-style-type: none"> • Minodora Dobreanu – Professor, Department of Laboratory Medicine, Clinical Biochemistry and Immunology; Tirgu-Mureş University of Medicine, Pharmacy, Science and Technology (Romania). • Nino Gulatava – Associate Professor, David Tvildiani Medical University; Medical Director, JSC Megalab; Chairperson of Association's Board of Directors. • Shorena Chiokadze - MD, PhD Head of Laboratory Service of Health House and Koridze Clinic, Member of Association Board. 		
14:10 – 16:10	Parallel Session for Young Researchers (Administrative Building; 2nd Floor, Conference Hall III)	
14:10 – 14:30	Laboratory Medicine Education at Yerevan State Medical University	Anahit Petrosyan – PhD, Yerevan State Medical University. Lecturer at Clinical Laboratory Diagnostic Department of YSMU, Director of the Armenian Association of Laboratory Medicine




14:30 – 14:45	Laboratory and Instrumental Examinations: Role and Clinical Significance for Small and Large Intestinal Disorders	Giga Sordia – MD, PhD Assistant Professor, General Internal Medicine Department, TSMU; Gastroenterologist
14:45 – 15:05	Application of Various Measurement Tools for Harmonizing the Laboratory Testing	Abdurrahman Coşkun – MD, PhD, Professor Clinical Biochemistry, Acıbadem University School of Medicine, Turkey. Member of Executive Board of European Federation of Laboratory Medicine (EFLM)
15:05 -15:25	Artificial Intelligence in 21st-Century Laboratory Medicine	Minodora Dobreanu – MD, PhD, Professor, Department of Laboratory Medicine, Clinical Biochemistry and Immunology; Tirgu- Mureş University of Medicine, Pharmacy, Science and Technology (Romania)
15:25 – 15:40	Role of Laboratory Medicine in Differential Diagnosis and Prevention of Diseases	Maka Buleishvili – MD, PhD, Professor, Internal Medicine Physician and Clinical Expert, Dean of Batumi International University
15:40 – 15:55	Laboratory-Based Allergy Diagnostics in Clinical Practice	Ketevan Machavariani – MD, Ph, Professor, Head of Allergology and Clinical Immunology Department, TSMU
15:55 – 16:10	New Standard of Accuracy: Improving Research with Absolute Q Digital PCR and its Application in Clinical Practice	Tinatin Samushia – MSc, Head of Genetic Research and Biosciences Department, ABM Company
16:10 – 16:25	Contemporary Biomarkers for Laboratory and Clinical Evaluation of Sepsis	Elene Pachkoria – MD, PhD Associate Professor, Department of Infectious Diseases, TSMU; Head of Infectious Diseases Department, First University Clinic



16:25 – 16:40	Laboratory Quality Management and Its Importance for Clinical Process	Malkhaz Babuashvili – PhD Assistant Professor, Georgian-American University; Laboratory Quality Management and Safety Expert, ISO 15189 2022 Implementation and Support Specialist
16:40 – 16:55	Importance of Evaluating Rheological Characteristics in Laboratory and Clinical Practice	Maia Mantskava – PhD Head of the Rheology and Diagnostic Analytical Services Department, Head of the Laboratory, Ivane Beritashvili Center for Experimental Biomedicine
16:55 – 17:10	Degree of SARS-CoV-2 Virulence in Patients with Distress	Levan Ratiani – MD, PhD, Professor, Head of Anaesthesiology, Toxicology and Intensive Care Unit, TSMU; Director General of First University Clinic Khatia Mikaberidze – PhD PhD student at TSMU Laboratory Medicine Department, Invited lecturer TSMU
17:10 – 17:25	Blood Typing Solutions, DG GEL systems. Modern Challenges.	Laziza Amniai – Representative of Grifols Diagnostics
17:25 – 17:45	Coffee Break	
17:45 – 18:15	<p align="center">Session III - Panel Discussion Laboratory Medicine: Contemporary Educational Perspectives and Clinical Implications</p> <p>Moderator: Sophia Bakhtadze – MD, PhD, Professor, Head of Department of Child Neurology, Vice Rector of TSMU</p>	
<p align="center">Participants:</p> <ul style="list-style-type: none"> • Minodora Dobreanu – MD, PhD, Professor, Department of Laboratory Medicine, Clinical Biochemistry and Immunology; Tirgu- Mureş University of Medicine, Pharmacy, Science and Technology (Romania). • Abdurrahman Coşkun – MD, PhD, Professor, Clinical Biochemistry, Acıbadem University School of Medicine, Turkey. Member of Executive Board of European Federation of Laboratory Medicine (EFLM). • Manana Akhvlediani – Professor, Caucasus University; Head of Laboratory Service, Todua Clinic • Eka Ekaladze – Associate Professor; Director of American MD program, TSMU • Mariam Maisuradze – Lead Assessor at the Unified National Body of Accreditation – LEPL of the Ministry of Economy and Sustainable Development (MD; Master of Public Health) • Khatia Mikaberidze – PhD student, TSMU; Visiting lecturer, Laboratory Medicine Department; Head Physician, laboratory of First University Clinic • Nino Gulatava – Associate Professor, David Tvildiani Medical University; Medical Director, JSC Megalab; Chairperson of Association's Board • Nino Pirtskhelani – MD, PhD Associate Professor, Department of Molecular and Medical Genetics; Expert, Department of Biological Forensic Science, L. Samkharauli National Bureau of Forensic Science 		
18:15 – 18:20	კონფერენციის დახურვა	