



XXXI Meeting of Balkan Clinical Laboratory Federation

35th National Biochemistry Congress

28 October - 1 November 2024

Antalya, Türkiye



PROGRAM





Data and Digitalization in Laboratory Processes

29th of October 2024 | 11:45-12:30

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Speaker:

Dr. Öğr. Üyesi Habib ÖZDEMİR

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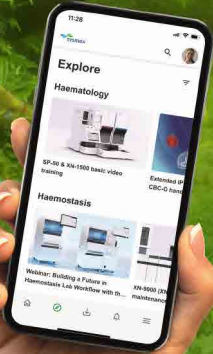
Credit Breakdown

A maximum of 19.5 CPECS® credits can be earned for attending the educational sessions at the XXXIst Balkan Clinical Laboratory Federation Meeting and the 35th National Biochemistry Congress.

- ✔ 28 October: 2.0 CPECS® credits
- ✔ 29 October: 6.5 CPECS® credits
- ✔ 30 October: 6.5 CPECS® credits
- ✔ 31 October: 4.5 CPECS® credits

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October 28th, Monday

16:00-16:30

Opening Ceremony

Doğan Yücel

Lokman Hekim University, Türkiye
President, Turkish Biochemical Society

Dobrin Svinarov

Medical University of Sofia, Bulgaria
BCLF President

Tomris Özben

IFCC President, EFLM Immediate Past President
Akdeniz University, Türkiye

Tomáš Zima

Charles University of Prague, Czechia
EFLM President-Elect

16:30-17:15

Keynote 1

Chair: Doğan Yücel

Current and Future Advances and Challenges in Laboratory Medicine

Tomris Özben

IFCC President, EFLM Immediate Past President
Akdeniz University, Türkiye

17:15-17:45

Coffee Break

17:45-18:30

Keynote 2

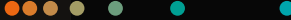
Chair: Ferhan Sağın

Alcohol - Epidemiology, Metabolism and its Clinical Consequences

Tomáš Zima

Charles University of Prague, Czechia
EFLM President-Elect

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October 29th, Tuesday

- 09:00-10:30** **Optimizing Analytical Accuracy: Integrating Biological Variation and Performance Specifications**
Chairs: Abdurrahman Coşkun, Çiğdem Sönmez
- 09:00-09:30** **Understanding Biological Variation, Its Importance for the Laboratory and the Clinician**
Graham Jones
University of New England, Australia
- 09:30-10:00** **Analytical Performance Specifications: Moving from Models to Practical Recommendations**
Mauro Panteghini
Bydgoszcz Collegium Medicum, Nicolaus Copernicus University, Poland
- 10:00-10:30** **How Allowable Bias Becomes Part of Imprecision and What That Means for Your Laboratory**
Marc Thelen
Radboud University, the Netherlands
- 10:30-11:00** **Coffee Break** 
- 11:00-11:45** **Keynote 3**
Chair: Sedef Yenice
Laboratory Medicine: Advancing Diagnostics and Data Analytics for Better Health for All
Octavia M. Peck Palmer
University of Pittsburgh, USA
- 11:45-12:30** **Satellite Symposium** 
Chair: Oğuzhan Zengi
Data and Digitalization in Laboratory Processes
Habib Özdemir
Türkiye Health Data Research and Artificial Intelligence Applications Institute
- 12:30-13:30** **Lunch Break** 
- 13:30-14:15** **Keynote 4**
Chair: Muhittin Serdar
How EQA Can be Used to Study the Impact of Analytical Performance on Clinical Classification
Marc Thelen
Radboud University, the Netherlands



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October 29th, Tuesday

- 14:15-15:45** **Data Analytics and Data Digitalization in Clinical Laboratory**
Chairs: Süleyman Demir, Hülya Kılıç Yılmaz
- 14:15-14:40** **Moving Average as an Additional Quality Control Tool in the Medical Laboratory**
Vera Lukic
Railway Healthcare Institute, Serbia
- 14:40-15:05** **Digital Solutions for Quality Control and Verification Applications in Clinical Laboratory**
Hikmet Can Çubukçu
The Ministry of Health, Health Services General Directorate, Türkiye
- 15:05-15:30** **Evaluating Clinical Laboratory Analytical and Operational Data Using Open-Source Tools**
Deniz İlhan Topçu
İzmir City Hospital, Türkiye
- 15:30-15:45** **Organization, Standardization and Harmonization of Laboratory Medicine in Albania**
Anyla Bulo Kasneci
University Hospital Center "Mother Teresa", Albania
- 15:45-16:15** **Coffee Break** 
- 16:15-17:00** **Satellite Symposium** 
Chair: Mehmet Fatih Alpdemir
"Recent update on educational recommendations from the IFCC Committee on Clinical Application of Cardiac Bio-Marker"
Kristin Moberg Aakre
University of Bergen, Norway



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October 29th, Tuesday

- 17:00-18:30 **Improvement of Quality and Patient Experience in Clinical Laboratory Management**
Chairs: Mehmet Şeneş, Oytun Portakal
- 17:00-17:25 **Comprehensive Risk Management in Medical Laboratories: Leveraging Recent ISO Guidelines**
Soycan Mızrak
Uşak University, Türkiye
- 17:25-17:50 **How to Manage Patient and Clinician Experience to Improve Satisfaction with Clinical Laboratory Services**
Merve Sibel Güngören
Mamak Devlet Hastanesi, Türkiye
- 17:50-18:05 **Evaluation of Clinical Performance, Risk Likelihood and Diagnostic Sensitivity under ISO 15189/ EU-IVDR Requirements – Practical Example from a Romanian Flow Cytometry Department**
Mihaela Zlei
İRegional Institute of Oncology, Romania
- 18:05-18:20 **Specific IgE Testing and Current Food Allergy Status in General Population in Macedonia**
Verica Jakjimoska
City Hospital '8th September', Skopje, Macedonia
- 18:20-18:30 **Question / Answer**
- 21:00 **Social Evening**
Apollon Street (lower level)



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October 30th, Wednesday

- 09:00-10:30** **Diagnostic Techniques and Biomarkers in Hematology and Coagulation**
Chairs: Ferruh Kemal İşman, Konca Altınkaynak
- 09:00-09:15** **Coagulation Markers in Non-Hodgkin Lymphoma**
Snezhana S. Stoencheva
Medical University of Plovdiv, Bulgaria
- 09:15-09:40** **D-Dimer Testing: Laboratory Aspects, Limitations, and Future Concepts**
Milena Velizarova
Medical University of Sofia, Bulgaria
- 09:40-10:05** **Advanced Clinical Parameters in Anemia Diagnostics**
Meltem Kilercik
Acıbadem University, Türkiye
- 10:05-10:30** **The Role of Mass Spectrometry in Clinical Medicine**
Dobrin Svinarov
Medical University of Sofia, Bulgaria
BCLF President
- 10:30-11:00** **Coffee Break** 
- 11:00-11:45** **Keynote 5**
Chair: Aylin Sepici Dinçel
Oxidative Stress in Type 2 Diabetes, Thyroid Disease, and Severe Psychiatric Disease: Focus on Nucleid Acid Metabolism
Henrik Poulsen
University of Copenhagen, Denmark
- 11:45-12:30** **Satellite Symposium** 
Chair: Serkan Bolat
A Case Study Illustrating A Better Patient Health Care Journey
Clare Weir
Sysmex Europe
- 12:30-13:30** **Lunch Break** 



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October 30th, Wednesday

13:30-14:15

Satellite Symposium



Chair: Kamil Taha Uçar

Current Immunoassay Methods and Their Applications as Clinically Used Biomarkers of Cancer

Tomris Özben

IFCC President, EFLM Immediate Past President

Akdeniz University, Türkiye

A Novel Solution for Immunoassay

Sedat Abuşoğlu

Selçuk University, Türkiye

14:15-15:00

Keynote 6

Chair: Ali Ünlü

Establishing, Evaluating, and Monitoring Analytical Quality in the Traceability Era

Mauro Panteghini

Bydgoszcz Collegium Medicum, Nicolaus Copernicus University, Poland

15:00-15:30

Coffee Break 

15:30-17:00

Biomarkers and Metabolic Indicators

Chairs: Ahmet Kızıltunç, Berrin Berçik İnal

15:30-15:55

Inflammation, Oxidative Stress and PEW? - Morbidity and Mortality Triad in Hemodialysis Patients

Tanja Antunovic

Clinical Centre of Montenegro, Montenegro

15:55-16:20

Serum Cystatin C Levels: A Promising Early Biomarker of Chronic Kidney Disease in Pediatric Patients

Olivera Jordanova

University Children Hospital, Skopje, RoNM

16:20-16:35

Lipid Metabolism in Gestational Diabetes

Jovana Stojic

Medicus Lab, Bajina Bašta, Serbia

16:35-16:50

Current Vitamin D Status Among Pregnant Women in Republic Of North Macedonia

Aleksandra Atanasova Boshku

Ss. Cyril and Methodius University, Skopje RoNM

16:50-17:00

Question / Answer



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October 30th, Wednesday

- 17:00-17:15 **Coffee Break** 
- 17:15-18:30 **Clinical Laboratory Workup for Metabolic Assessment**
Chairs: Oğuzhan Özcan, Yeşim Güvenç Demirağcı
- 17:15-17:40 **Impact of Oxidized Low Density Lipoprotein (oxLDL) and Anti-oxLDL Antibodies on Cardiovascular Health**
Katerina Tosheska-Trajkovska
Katerina Tosheska-Trajkovska
- 17:40-17:55 **Triglyceride/glucose Index - A Practical Tool to Explore Changes in the Aminotransferase and Metabolic Control Parameter Ratios**
Radivoj Jadrić
University of Sarajevo, Bosnia and Herzegovina
- 17:55-18:10 **Myeloperoxidase Activity as an Indicator of Inflammation in Obesity and Metabolic Syndrome**
Dragana Puhalo Sladoje
University of East Sarajevo, Bosnia and Herzegovina
- 18:10-18:25 **MiR-122 as a Potential Biomarker for Type 2 Diabetes**
Ana Ninic
University of Belgrade, Serbia
- 18:25-18:30 **Question / Answer**
- 18:30-20:30 **BCLF Board Meeting (Sirius Room, upper floor)**
by invitation only
- 19:00-20:30 **Tıbbi Laboratuvar Hizmetlerinin Geleceği**
İbrahim Karakuş
Head of Examination and Diagnostic Services Department, Ministry of Health, Ankara



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October 31st, Thursday

- 09:00-10:40 **Integrative Approaches in Clinical Laboratory Medicine**
Chairs: Hilal Koçdor, Uğur Fahri Yürekli
- 09:00-09:25 **Gut-Brain Axis in Patients with Multiple Sclerosis - Focus on Microbiota Metabolites**
Adina Hutanu
"George Emil Palade" University of Medicine, Romania
- 09:25-09:50 **The Impact of the Trace Elements Status on Disease Severity in COVID-19 Patients - COVLAB Study**
Tamer Bego
University of Sarajevo, Bosnia and Herzegovina
- 09:50-10:15 **Laboratory and Clinical Prognosis in Patients with Sepsis**
Yana Bocheva
University Hospital "St. Marina" Varna, Bulgaria
- 10:15-10:40 **Sepsis Interrogation: Unlocking the power of Laboratory Medicine for Risk Stratification and Early Detection to Ensure Positive Patient Outcomes.**
Octavia M. Peck Palmer
University of Pittsburgh, USA
- 10:40-11:00 **Coffee Break** 
- 11:00-11:45 **Keynote 7**
Chair: Güneş Özhan
Pharmacological Modulation of Oxidative Stress
Luciano Saso
Sapienza University of Rome, Italy
- 11:45-12:30 **Kicking off the FEBS 2025 Istanbul Congress**
Special Preview Session for the International Scientific and Networking Opportunities
- 12:30-14:00 **Lunch Break** 
- 14:00-16:10 **Panel 8**
Chairs: Giray Bozkaya, Bağnu Orhan
- 14:00-14:25 **Reference Intervals Based on Biological Variations**
Abdurrahman Coşkun
Acıbadem University, Türkiye



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October 31st, Thursday

- 14:25-14:50 **Navigating the New Regulatory Landscape for Laboratory Developed Tests**
Sedef Yenice
Florence Nightingale Hospital, İstanbul
- 14:50-15:15 **From MIRU-VNTR Genotyping to AI-assisted Prediction of Antimicrobial Resistance from Genomic Data, Our 15 Years of Experience**
Silva Tafaj
National Tuberculosis Reference Laboratory, Albania
- 15:15-15:30 **Medical Laboratory Professionals' Knowledge and Attitudes Toward Artificial Intelligence**
Helena Lame
University of Medicine, Tirana, Albania
- 15:30-15:55 **Procalcitonin and Serum Amyloid A as biomarkers of inflammation and infection**
Christos Tsatsanis
University of Crete, Greece
- 15:55-16:10 **Prevalence of CFTR mutations in the Mediterranean area: differences and similarities with neighboring populations**
Aikaterini Kalantidou
University of Crete, Greece
- 16:10-16:30 **Coffee Break** 
- 16:30-17:15 **Nazmi Özer Science Awards**
- 16:30-16:55 **2023 Nazmi Özer Science Award Winner Lecture**
Yagmur Azbazdar
University of California, USA
- 16:55-17:15 **Award Ceremony**
- Nazmi Özer Science Award
- FEBS Open Bio Poster Award
- TJB Innovation Award
- BCLF2024 Poster Award
- 17:15-17:30 **Closing Ceremony**



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Exhibition

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Oral Presentations

Session	Date	Time	Hall
Session 1	October 29 th , 2024	09:30-10:30	Hall B
Session 2	October 29 th , 2024	09:30-10:30	Hall C
Session 3	October 29 ^h , 2024	14:15-15:45	Hall B
Session 4	October 29 th , 2024	14:15-15:45	Hall C
Session 5	October 29 th , 2024	17:00-18:30	Hall B
Session 6	October 29 th , 2024	17:00-18:30	Hall C
Session 7	October 30 th , 2024	09:00-10:30	Hall B
Session 8	October 30 th , 2024	09:00-10:30	Hall C
Session 9	October 30 th , 2024	15:30-17:00	Hall B
Session 10	October 30 th , 2024	15:30-17:00	Hall C
Session 11	October 30 th , 2024	17:15-18:45	Hall B
Session 12	October 30 th , 2024	17:15-18:45	Hall C
Session 13	October 31 st , 2024	09:00-10:40	Hall B
Session 14	October 31 st , 2024	09:00-10:40	Hall C
Session 15	October 31 st , 2024	14:00-16:10	Hall B
Session 16	October 31 st , 2024	14:00-16:10	Hall C

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