

FINAL PROGRAM OF BCLF / BSCL 2021 CONFERENCE

THURSDAY, SEPTEMBER 9

- 08.30-09.00** **OPENING CEREMONY**
- 09.00-09.45** **OPENING LECTURE**
- Technological Advances in Laboratory Medicine: Predicting the Lab of the Future.** *Khosrow Adeli, Canada*
- 09.45-11.00** ***Symposium 1. Quality control, Neurologic diseases***
- 0945-10.15, 30 min. **Biochemical and Genetic Markers in Dementias.**
Christos Kroupis, Greece
- 10.15-10.30, 15 min. **The Usefulness of Neurofilament Light Polypeptide Measurements in the Diagnosis of Neurological Diseases.**
Burak Arslan, Turkey
- 10.30-10.45, 15 min. **Quality control paradigms: conventional QC to patient based OC.**
Deniz Ilhan Topcu, Turkey
- 10.45-11.00, 15 min. **A state of the art internal QC: incorporating traditional QC, EWMA and CUSUM with machine learning.**
Hikmet Can Cubukcu, Turkey
- 11.00-11.30** **Posters/ Coffee Break / Industrial Exhibition**
- 11.30-12.30** **Industrial Workshop 1 (tbd)**
- 12.30-13.30** **Lunch Break / Poster session/ Industrial Exhibition**
- 13.30-14.15** **Plenary Lecture 1**
- Expanding Space for Next Generation Sequencing Clinical Applications.**
Maurizio Ferrari, Italy
- 14.15-15.45** ***Symposium 2. New Demands in Laboratory Management***
- 14.15-14.45, 30 min. **Medical Diagnostics Data Management: Emerging Role of Artificial Intelligence (AI)-Powered eApps and Machine Learning.**
Khosrow Adeli, Canada

- 14.45-15.15, 30 min. **Is There the Perfect Recipe for Leadership?**
Katerina Tosheska-Trajkovska, North Macedonia
- 15.15-15.30, 15 min. **Risk Management in Medical Laboratories.**
Irina Leimoni, Greece

15.30-16.00 Posters/ Coffee Break / Industrial Exhibition

16.00-16.45 *Plenary Lecture 2*

Preanalytical Variability: The Dark Side of the Moon in Laboratory Diagnostics. Giuseppe Lippi, Italy

16.45-17.45 *Industrial Workshop 2*

17.45-18.45 *Symposium 3. New Psychoactive Drugs / Mass Spectrometry*

17.45-18.00 **New psychoactive substances.**
Abuelgasim Elrasheed A. Al Hassan, UAE

18.00-18.15 **Determination of uracil in human plasma by a validated LC-MS/MS method for prevention of 5-fluorouracil toxicity.** *Dobrin Svinarov, Bulgaria*

18.15-18.30 **LC-MS/MS method for the quantification of aripiprazole and dehydroaripiprazole.** *Duygu Eryavuz Onmaz, Turkey*

18.30-18.45 **Development of liquid chromatography tandem mass spectrometric method for gliclazide.** *Sedat Abuşoğlu, Turkey*

19.00-21.00 Dinner

FRIDAY, SEPTEMBER 10

08.30-09.15 **Plenary Lecture 3**
An Update on the Establishment and Utility of Biological Variation Data.
Sverre Sandberg, Norway

09.15-11.15 *Symposium 4. Endocrinology and Metabolism*

09.15-09.45, 30 min. **Reliability of Laboratory and Dynamic Tests in Endocrinopathies.**
Oytun Portakal, Turkey

- 09.45-10.15, 30 min. **Association between Hematological Parameters and T2DM Complications - Prospective Study.**
Dragana Milošević, Serbia
- 10.15-10.45, 30 min. **Analysis of Genetic Variants Associated with Reduction of Insulin Secretion and Type 2 Diabetes Risk in Population of Bosnia and Herzegovina.**
Tamer Bego, Bosnia and Herzegovina
- 10.45-11.15, 30 min. **Bone Markers, Bone Fracture and Obesity.**
Aylin Sepici Dinçel, Turkey
- 11.15-11.45 Posters/ Coffee Break / Industrial Exhibition**
- 11.45-12.45 Industrial Workshop 3 (Roche diagnostics)**
- 12.45-13.45 Lunch Break / Poster Session**
- 13.45-14.30 Plenary Lecture 4**
- Navigating Between Technology and Professionalism: the Future of Laboratory Medicine**
Mario Plebani, Italy
- 14.30-16.00 Symposium 5. Fertility, Pregnancy, Porphyria**
- 14.30-14.45, 15min. **Interdependent role of dyslipidemia and inflammation in early pregnancy with risk of late-onset preeclampsia development**
Aleksandra Stefanović, Serbia
- 14.45-15.00, 15 min. **Nephrouria as a Predictive Tool for Preeclampsia in Women with High Risk Pregnancy.**
Irena Kostovska, North Macedonia
- 15.00-15.15, 15 min. **Laboratory Role in Early Pregnancy Screening for Preeclampsia.**
Aleksandra Atanasova Boshku, North Macedonia
- 15.15-15.45, 30 min. **Porphyria - an Example of a Disease with Close Interactions between Laboratorians and Clinicians.**
Sverre Sandberg, Norway
- 15.45-16.15 Posters/ Coffee Break / Industrial Exhibition**
- 16.15-17.15 Industrial Workshop 4**

17.15-19.00 ***Symposium 6. Cancer Diagnostics and Therapy.***

17.15-17.45, 30 min. **Utilization of Liquid Profiling for Cancer Management.**

Maurizio Ferrari, Italy

17.45-18.15, 30 min. **Basic Principles of Epigenetics and Epigenetic Regulation in Cancer therapy.**

Tomris Ozben, Turkey.

18.15-18.30, 15 min. **The Value of Prostate-specific Antigen for Prostate Cancer and Benign Prostatic Hyperplasia.**

Nafija Serdarević, Bosnia and Herzegovina

18.30-20.00 **BCLF Board Meeting**

20.00-23.00 **Dinner**

SATURDAY, SEPTEMBER 11

08.30-10.00 ***Symposium 7. Haematology, Inflammation, Varia***

08.30-09.00, 30 min. **Application of targeted next-generation sequencing in BCR-ABL1-negative myeloproliferative neoplasms**

Cristina Mambet, Romania

09.00-09.15, 15 min. **Pharmacokinetic interactions between DOACs and antiepileptic drugs.**

Ivanka Paskaleva, Bulgaria.

09.15-09.30, 15 min. **Clinical laboratory evaluation of coagulation and fibrinolysis in cancer patients.** *Snezhana Stoencheva*, Bulgaria

09.30-09.45, 15 min. **Reconsidering the Role of HDL in Cancerogenesis: Current Knowledge and Future Perspectives.**

Aleksandra Zeljković, Serbia.

09.45-10.00, 15 min. **Noninvasive Methods for Diagnosing Hepatic Fibrosis in Chronic Hepatitis C.**

Iris Pjeci. Albania

10.00-10.30 Posters/ Coffee Break / Industrial Exhibition

10.30-12.00 ***Symposium 7. Cardiology***

10.30-11.00, 30 min. **High Sensitive Cardiac Troponin: Biological Variation, Cardiac Rhythm and Diagnostic Algorithms.**

Mario Plebani, Italy

11.00-11.30, 30 min. **High-sensitivity Cardiac Troponin Immunoassays beyond the Diagnosis of Myocardial Infarction.**

Giuseppe Lippi, Italy

11.30-12.00, 30 min. **The value of MMP-9 as a predictor of left atrial reverse remodeling following catheter ablation of atrial fibrillation.**

V. Koleva, Bulgaria

12.00-12.30

Closing lecture

In vitro diagnostics and evolving regulatory changes in laboratory medicine.

Tomris Ozben, Turkey

12.30-13.00

Closing Ceremony

13.00-15.00

AGM of BSCL