



# 15<sup>th</sup> BELGRADE SYMPOSIUM FOR BALKAN REGION

Neighbouring Countries:  
The Same Professional Aim

*Under IFCC and EFLM Auspices*

## PROGRAMME

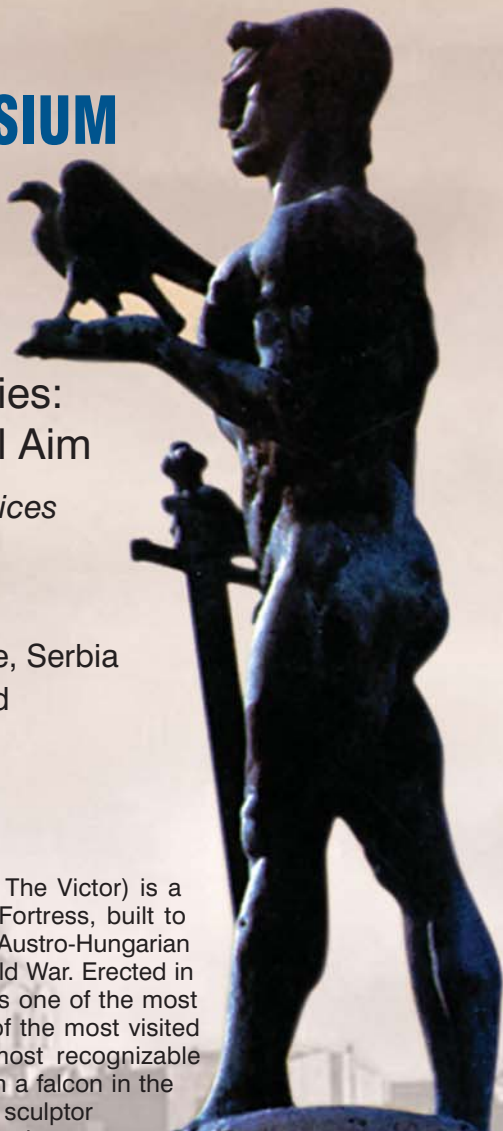
April 11 and 12, 2019, Belgrade, Serbia

Hyatt Regency Beograd

[www.dmbj.org.rs](http://www.dmbj.org.rs)

[www.bclf.info](http://www.bclf.info)

**Pobednik** (Serbian Cyrillic: Победник, English: The Victor) is a monument in the Upper Town of the Belgrade Fortress, built to commemorate Serbia's victory over Ottoman and Austro-Hungarian Empire during the Balkan Wars and the First World War. Erected in 1928, and standing at 14 metres (46 ft) high, it is one of the most famous works of Ivan Meštrović. It is also one of the most visited tourist attractions in Belgrade and the city's most recognizable landmark. It is a standing bronze male figure with a falcon in the left hand and a sword in the right, modelled by the sculptor Ivan Meštrović, set on a pedestal in the form of a Doric column on a tall cubic base, designed by the architect Petar Bajalović. The statue looks forward across the confluence of the Sava and the Danube, and over the vast Pannonian plain, towards the very distant Fruška Gora mountain (until 1918 a domain of Austro-Hungarian empire), it is probably the most powerful, most popular visual symbol of Belgrade.





*Dear Colleagues,*

During the 14<sup>th</sup> EFLM Symposium for Balkan region we announced that Society of Medical Biochemists of Serbia, as organizer of the Symposium for Balkan Region in previous 14 years, intended to change the format of the Symposium to

## **BELGRADE SYMPOSIUM FOR BALKAN REGION** ***Neighboring Countries: The Same Professional Aim***

that will be organized under the title **15<sup>th</sup> Belgrade Symposium for Balkan Region (April 11 and 12, 2019, Belgrade, [www.dmbj.org.rs](http://www.dmbj.org.rs))**.

It is very important that during the Symposium we discuss topics of mutual interest for all the countries of the Region, such as:

- Laboratory Medicine Planning and Organization
- Type of Medical Laboratory and Strategy
- Laboratory Medicine Management
- Leadership Skills
- Accreditation and Competences
- Environmental Health and Safety
- Laboratory Standards in Balkan Countries
- Experiences of Young Scientists
- Students Achievements
- Poster Presentation
- Workshop Discussion

Together with the countries from Balkan Region we invited the countries from our neighborhood as Italy, Austria, Hungary, Cyprus and Israel.

The Scientific and Organizing Committee is consisted of representatives from Serbia, and presidents of national societies and national EFLM representatives of each participating country. We thank our colleagues from Slovenia, Austria, Hungary, Cyprus and Israel for accepting the membership in the Scientific and Organizing Committee of the 15<sup>th</sup> Belgrade Symposium and their help in organization a successful meeting.

Aim of this Symposium is to exchange experiences between our countries and to help our colleagues to improve daily laboratory practice in our countries.

Also, one of the Symposium aims is to connect young scientists from our Region as well as students of Medical and Clinical Biochemistry.

All the information can be found on [www.dmbj.org.rs](http://www.dmbj.org.rs) and [www.bclf.info](http://www.bclf.info)

With kind regards,

In Belgrade, 16. October 2018

Prof. dr Nada Majkić-Singh  
SMBS National Representative

Prof. dr Zorica Šumarac  
SMBS President



## INTERNATIONAL SCIENTIFIC AND ORGANIZING COMMITTEE

President: Nada Majkić-Singh

Co-President: Jozo Ćorić

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Ioana Brudasca, Romania

Georghe Benga, Romania

Simona Berbecar, Romania

Nada Majkić-Singh, Serbia

Zorica Šumarac, Serbia

Blaz Krhin, Slovenia

Evgenija Homšak, Slovenia

Tomris Ozben, Turkey

Abdurrahman Coskun, Turkey

Dogan Yucal, Turkey



## NATIONAL SCIENTIFIC AND ORGANIZING COMMITTEE

President: Zorica Šumarac

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Miron Sopić

Miljan Savković

Neda Milinković

Iva Perović Blagojević

Jasmina Ivanišević

Tamara Gojković

Milica Miljković

David Vučen



## SYMPOSIUM TOPICS

- Laboratory Medicine Planning and Organization
- Type of Medical Laboratory and Strategy
- Laboratory Medicine Management
- Leadership Skills
- Accreditation and Competences
- Environmental Health and Safety
- Laboratory Standards in Balkan Countries
- Experiences of Young Scientists
- Students Achievements
- Poster Presentation
- Workshop Discussion

## AUSPICES

15<sup>th</sup> Belgrade Symposium is organised under the Auspices of the International Federation of Clinical Chemistry (IFCC)



&

European Federation of Clinical Chemistry  
and Laboratory Medicine (EFLM)



## MEETING ORGANISERS

Society of Medical Biochemists of Serbia  
Faculty of Pharmacy, University of Belgrade

## PRINCIPAL SPONSORS

MINISTRY OF EDUCATION, SCIENCE AND  
TECHNOLOGICAL DEVELOPMENT OF SERBIA

&

MINISTRY OF HEALTH OF SERBIA

## THURSDAY, APRIL 11, 2019

**10:00–10:15 Introduction:**

**Neighbouring countries: The same professional aim**

**Chairs:** *Nada Majkić-Singh, Zorica Šumarac*

**10:15–12:00**

**Session I – Type of medical laboratory and strategy**

(The IFCC Emerging Technologies Division)

**Chairs:** *Sergio Bernardini, Snežana Jovičić*

*Health tools for the Medical Lab for better outcomes*

Bernard Gouget (France)

*Digital tools in laboratory medicine*

Damien Gruson (Belgium)

*Machine learning and laboratory medicine*

Sergio Bernardini (Italy)

*Discussion*

**12:00–13:30**

**Session II – Leadership skills**

**Chairs:** *Ana Maria Šimundić, Vesna Kalimanovska Spasojević*

*Leadership skills*

Ana Maria Šimundić (Croatia)

*Project management*

Giuseppe Lippi (Italy)

*Communication skills*

Graham Beastall (UK)

*Discussion*

**13:30–14:30 Lunch**

**14:30–15:30**

**Session III – First Part: Laboratory standards in Balkan Region**

**Chairs:** *Evgenija Homšak, Svetlana Ignjatović*

*Laboratory standards in Slovenia: growing up step by step*  
Evgenija Homšek (Slovenia)

*Standardization and harmonization in laboratory medicine in Croatia: current state and future challenges*  
Jasnu Leniček Krleža (Croatia)

*Medical biochemistry laboratories as part health care system in Serbia*  
Svetlana Ignjatović (Serbia)

*Laboratory medicine specialization teaching and training in Bosnia and Herzegovina*  
Ermin Begović, Jozo Ćorić

*Discussion*

15:30–16:00 *Coffee break*

**16:00–18:00**

**Session III – Second Part: Laboratory standards in Balkan Region**

**Chairs:** *Anyla Buló, Danica Labudović*

*Laboratory medicine in Hungary*  
Antal Tamás Kószegi (Hungary)

*Laboratory service in small and diverse countries – Montenegrin experience*  
Najdana Gligorović-Barhanović (Montenegro)

*Harmonization of laboratory medicine in Albania*  
Anyla Buló (Albania)

*Laboratory medicine in Macedonia: past, present, future*  
Danica Labudović (Macedonija)

*Laboratory standards in Bulgaria. What else can be improved*  
Margaritka Bonceva (Bulgaria)

*Discussion*

**POSTER SESSION: 9:00–19:00**

## **FRIDAY, APRIL 12, 2019**

**9:00–10:00**

### **SESSION IV – First Part: Laboratory organization and planning**

**Chairs:** *Dunja Rogić, Zorica Šumarac*

*Demand management – from innocent bystanders towards hands-on approach*  
Dunja Rogić (Croatia)

*Can laboratory participate in hospital cost reduction?*  
Nataša Bogavac-Stanojević (Serbia)

*Analytical quality control based on risk management*  
Adriana Unić (Croatia)

*Discussion*

**10:30–11:30**

### **SESSION IV – Second Part: Laboratory organization and planning**

**Chairs:** *Nataša Bogavac Stanojević, Vera Lukić*

*From measurement uncertainty to everyday practice in medical laboratory*  
Neda Milinković (Serbia)



*Laboratory role in accreditation of health care institutions in Serbia: Agency for accreditation of health care Institutions of Serbia – surveyor point of view*  
Zorica Šumarac (Serbia)

*Laboratory role in accreditation of health care institutions in Serbia: Chief of accredited laboratory – point of view*  
Vera Lukić (Serbia)

*Discussion*

11:30–12:00 *Coffee break*

**12:00–13:30**  
**SESSION V – Challenges in laboratory medicine**

**Chairs:** *Tomris Ozben, Ioana Brudasca*

*In vitro diagnostics and evolving challenges in laboratory medicine*  
Tomris Ozben (Turkey)

*Laboratory medicine in Israel: focus on national harmonization of critical values communication*  
Marielle Kaplan (Israel)

*Appropriate request and interpretation of laboratory tests: assesment of medical residents skills in a Romanian university center*  
Ioana Brudasca (Romania)

*Challenges and perspectives of QMS-quality management system: the road map for achieving standardization in laboratory medicine*  
Dragana Pap (Serbia)

*Discussion*

13:30–14:30 *Lunch*

**14:30–15:30**

**SESSION VI – Interpretation of laboratory tests in hemostasis – from hypercoagulable state to anticoagulation**

**Chairs:** *Violeta Dopsaj, Andrea Griesmaher*

*Laboratory diagnostics of anticoagulation*

Andrea Griesmaher (Austria)

*Assesment of the utility of different aPTT reagents in testing lupus anticoagulants – real lab scenario*

Violeta Dopsaj (Serbia)

*Assesment of hipercoagulable state in normal pregnancy and preeclampsia using global haemostatic assays*

Sanja Lalić Ćosić, Violeta Dopsaj, Aleksandra Antović (Serbia, Sweden)

*Discussion*

**15:30–16:30**

**Session VII – Clinical chemistry and drug management**

**chairs:** *Nicholas Papageorgakis, Najdana Gligorović-Barhanović*

*HMG-CoA reductase inhibitors in lipid metabolism: discovery and development*

Nicholas Papageorgakis (Greece)

*The contribution of therapeutic drug monitoring laboratory in healthcare. Challenges and perspectives.*

Angela Melpidou (Greece)

*The intergration of pharmacogenomics into clinical practice*  
Andriani Grigoratou (Greece)

*Discussion*

16:30–17:00 *Coffee break*

**17:00–18:30**

## **SESSION VII – Endocrine disruptors panel**

**Chairs:** *Nuriye Nuray Ulusu, Jozo Ćorić*

*Endocrine disrupting chemicals induce oxidative stress*  
Nuriye Nuray Ulusu (Turkey)

*What are endocrine disruptor chemicals and their effects on the organisms?*

Nurhayat Barlas (Turkey)

*Impact of the DEHP-induced oxidative stress on the tissue damage*

Duygu Aydemir, Gözde Karabulut Karabulut G,  
Gülsu Şimşek, Müslüm Gök, Nurhayat Barlas N,  
Nuriye Nuray Ulusu (Turkey)

*The influence of di-(2-ethylhexyl) phthalate on the fatty acids composition*

Duygu Aydemir, Ehsan Sarayloo E, Gözde Karabulut,  
Nurhayat Barlas N, Nuriye Nuray Ulusu (Turkey)

*Discussion*

**Round table discussion on presented topics**

# GENERAL INFORMATION

## Date and Venue

The Scientific program and exhibition of the 15<sup>th</sup> Belgrade Symposium for Balkan Region in Belgrade will be held in Hyatt Regency Beograd hotel, Milentija Popovića 5, 11070 Belgrade, on 11 and 12 April 2019. On Thursday, 11<sup>th</sup> April Poster Session will be organized. The Instructions for Abstract in English language will be attached to this Program.

## Registration desk

The registration desk located at the Hotel Hyatt Regency Beograd will be open for the duration of the Symposium from Thursday, April 11 at 9:00 a.m. to Friday, April 12, 2019 at 6:00 p.m.

**Full registration fee**            150.00 Euro

Registration fees may be paid in Euros or dinars, by bank transfers or in cash at site (see Registration Form on [www.dmbj.org.rs](http://www.dmbj.org.rs)).

## The registration fee includes:

- Admission to all scientific sessions
- Admission to exhibition
- Symposium material (programme, abstract book, congress bag, badge, etc.)
- Coffee breaks
- Lunch
- Certificate of attendance

## **Badges**

Badges will be distributed at the registration desk upon arrival. Please attach your badges for admission to all scientific and social activities.

## **Certificate of participation**

The certificate of participation will be issued to those who are properly registered. The certificate of participation will be available at the registration desk and must be picked up just before departure.

## **Congress language**

The official language of the congress will be English.

## **Visual Equipment**

The Meeting hall will be equipped with data video projectors for the speaker's needs.

## **Exhibition**

An exhibition of laboratory equipment and reagents will take place during Meeting.

## **Internet**

The Organizer kindly invites you to visit the Meeting Web pages at [www.dmbj.org.rs](http://www.dmbj.org.rs)

## **Weather**

In April Belgrade enjoys a mild climate. The average daily temperature is about 23 °C.



## 15<sup>th</sup> Belgrade Symposium for Balkan Region

»Neighbouring Countries: The Same Professional Aim«

Hyatt Regency Beograd, Belgrade, Serbia

April 11–12, 2019

### REGISTRATION FORM

I will participate on the 15<sup>th</sup> Belgrade Symposium on April 11–12, 2019:

Surname: \_\_\_\_\_ Name: \_\_\_\_\_

Title: Prof.  Dr.  Mr.  Ms.  Speciality: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

|                  |                      |                          |
|------------------|----------------------|--------------------------|
| REGISTRATION FEE | 150 EURO             | <input type="checkbox"/> |
|                  | Total payment: _____ | EURO                     |

**PAYMENT CONDITIONS: Bank transfer fee is not included**

PAYMENTS SHOULD BE EFFECTED BY BANK REMITTANCE TO:

**56: Intermediary:**

**57: Account with institution:** DBDBRSBG  
BANCA INTESA AD, BEOGRAD  
MILENTIJA POPOVIĆA 7B  
BEOGRAD, REPUBLIKA SRBIJA

**59: Beneficiary:** /RS35160005400000238329  
DMBS  
VOJISLAVA ILIĆA 94B/7  
Beograd (Voždovac)  
Republic of Serbia

Date \_\_\_\_\_ Signature \_\_\_\_\_

## **DELIVERY REGISTRATION FORM**

Proof of registration and registration fee payment must be submitted by mail to address: Society of Medical Biochemists of Serbia, Vojislava Ilića 94B/7, 11050 Belgrade Serbia, or to the e-mail address: [dmbj@eunet.rs](mailto:dmbj@eunet.rs)

Abstract for Poster Session should be sent to the same e-mail address.

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## **ACCOMMODATION**

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The participants can book the accommodation in Hotel Hyatt Regency Beograd in Belgrade. Price for single room per person and day with breakfast is 80.00 Euro plus VAT 10% and 1.5 Euro tourist tax. Room reservation in Hotel Hyatt Regency Beograd is possible up to March 20, 2019.

*Please contact the Hotel:*

**Hyatt Regency Beograd**  
**Milentija Popovića 5**  
**11070 Belgrade, Serbia**  
**Phone/Fax: + 381 11 301-11-82**  
**or**  
**e-mail: [reserve.hrbelgrade@hyatt.com](mailto:reserve.hrbelgrade@hyatt.com)**

**Contact address:**

**SOCIETY OF MEDICAL  
BIOCHEMISTS OF SERBIA**

**Vojislava Ilića 94B/7, 11050 Belgrade**  
**Phone: + 381 11 3475183**  
**or + 381 11 3475263**  
**e-mail: [dmbj@eunet.rs](mailto:dmbj@eunet.rs)**

## **SYMPOSIUM ORGANISERS**

Society of Medical Biochemists of Serbia  
National EFLM Representatives and Presidents  
of National Societies of Balkan Region  
Department of Medical Biochemistry,  
Pharmaceutical Faculty,  
University of Belgrade, Serbia

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## **MEETING SECRETARIAT**

Society of Medical Biochemists of Serbia  
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