



BCLF 2012 BELGRADE MEETINGS

20th Meeting of the Balkan Clinical Laboratory Federation

8th EFCC Symposium for Balkan Region

18th Congress of Medical Biochemists of Serbia

SECOND ANNOUNCEMENT



www.bclf2012.org

September 18–22, 2012

Best Western Hotel M, Belgrade, Serbia



AUSPICES

20th Meeting of the Balkan Clinical Laboratory Federation
8th EFCC Symposium for the Balkan Region
18th Congress of Medical Biochemists of Serbia

is organized under the Auspices of the

*International Federation of Clinical Chemistry and
Laboratory Medicine (IFCC)*

*European Federation of Clinical Chemistry
and Laboratory Medicine (EFCC)*

Balkan Clinical Laboratory Federation (BCLF)

Ministry of Education and Science of Serbia

Ministry of Health of Serbia

MEETING ORGANISERS

Balkan Clinical Laboratory Federation
Society of Medical Biochemists of Serbia
Pharmaceutical Faculty
Institute of Medical Biochemistry
Clinical Center of Serbia

MEETING SECRETARIAT

Institute of Medical Biochemistry
Clinical Center of Serbia
Višegradska 26
11000 Belgrade, Serbia

Phone/Fax: +381 11 361 56 31

E-mail: dmbj@eunet.rs

Website: www.bclf2012.org

www.bclf.info

www.dmbj.org.rs

INVITATION



Dear colleagues and friends,

The Society of Medical Biochemists of Belgrade has the pleasure of inviting you to the 20th Meeting of the Balkan Clinical Laboratory Federation to be held in Belgrade, on September 18–22, 2012, joined together with the 8th EFCC Symposium for the Balkan Region and 18th Congress of Medical Biochemists of Serbia.

This is the third time that the Society of Medical Biochemists of Serbia acts as the organizer of the BCLF Meetings. The Fourth Meeting of the Balkan Clinical Laboratory Federation was held in Budva in 1996, and the 11th BCLF 2003 Meeting was organized in Belgrade, under the auspices of the International Federation of Clinical Chemistry (IFCC) and the Forum of the European Societies of Clinical Chemistry (FESCC). More than 500 scientists from all over the world and all the Balkan countries were present. It has been generally agreed that the meeting fulfilled the expectations and was a success.

The Serbian capital Belgrade, the host of the Meetings, is an ancient city. No one knows when the first settlers inhabited the area of present-day Belgrade. During the prehistoric era, the city surroundings were already densely populated. In those times, land and river caravans traveling along some of the oldest trade routes were meeting on its territory.

The ancient peoples who lived on this land were changing by turns: from the Illyrian tribe of Autariats, through Dacians, Celtic Scordians, to Thracian Sings, etc. Belgrade's many names include: Singidunum, Alba Bulgaricam, Nandorfejervar, Albanandor, Wiessenburg, Griechisch Weissenburg, Alba Graeca, Castelbianco and Beograd (Belgrade). It is believed that the first inhabitants of Belgrade were the Sings, one of the Thracian-Illyrian tribes. They

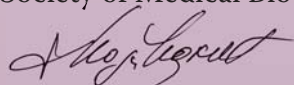
are mentioned by Herodotus, the father of European history. The city's first name recorded in history was SINGIDUNUM, most probably of Celtic origin, and can be found in the works of ancient authors and antique inscriptions. It was derived from the name of the Thracian tribe of SINGS and the Celtic word DUNUM, meaning »town«. In historic documents, the city appeared under the Slavic name Belograd or Beograd in the 9th century.

Belgrade lies at the mouth of two rivers, the Danube and the Sava, under the Avala mountain, and these are the silent witnesses of a long and bloody history of the city that has always risen from ashes, like the Phoenix, each time bigger and more beautiful.

The 20th BCLF Meeting in Belgrade will continue with its successful progress of the previous years, aiming to focus on the new data in the field of laboratory medicine. The intention is also to increase the participation of clinical chemists from all the Balkan countries, as well as from the neighboring states.

We hope that we will have the pleasure of your presence and, speaking on behalf of the Society of Medical Biochemists of Serbia, we look forward to your active participation in the works of the 20th Balkan Clinical Laboratory Federation Meeting and 8th Symposium for the Balkan Region, as well as the 18th Serbian National Congress of Medical Biochemistry and Laboratory Medicine.

President
Society of Medical Biochemists of Serbia



Prof. Dr. Nada Majkić-Singh

WELCOME MESSAGE



On behalf of the Board of Balkan Federation of Clinical Chemistry and Laboratory Medicine, it is an honour for me to welcome you to the 20th Meeting of the Balkan Clinical Laboratory Federation, to be held in Belgrade, on September 18–22, 2012.

In support of our mission, 20th BCLF Meeting will bring together integrated studies from many laboratory medicine specialist and physician colleagues, contributing in the enhancement of understanding, diagnosis, therapy and prevention of diseases.

This meeting will be an arena of many discussions of the most challenging issues. Rapid technological changes and increasing of quality management request in laboratory medicine field have also brought an important change in the way of thinking about the patient's care and providing quality standards.

Over the last few years the public health and our physician colleagues have become increasingly aware of the fact that laboratory medicine serves as the basis for the majority of medical decisions. Now is our responsibility to improve and to apply widely »the gold standards« in our laboratory medicine practice. Supporting the application of the quality and competence international standard ISO 15189, the medical laboratories of all our Balkan countries will have a unique European standard.

20th BCLF Meeting in Belgrade will join us together; strengthen our friendship and professional communication, exploring in the same time the beauty and history of Belgrade, an old city full with history but in the same time full with life, joy and friendship.

I wish you to enjoy the 20th BCLF Meeting and your stay in Belgrade too.

BCLF President

A handwritten signature in black ink, appearing to read 'Anyla Bulo Kasneci'.

Prof. Anyla Bulo Kasneci



PRESIDENTS OF THE 20th BCLF MEETING

Nada Majkić-Singh, Meeting President

Svetlana Ignjatović, Vice-President

IFCC PRESIDENT

Graham Beastall, United Kingdom

EFCC PRESIDENT

Ian Watson, United Kingdom

BCLF PRESIDENT

Anyla Buló Kasneci, Albania

BCLF PAST-PRESIDENT

Gheorghe Benga, Romania

ORGANIZING COMMITTEE

Zorica Šumarac, President

Nada Majkić-Singh

Svetlana Ignjatović

Sanja Stanković

Radmila Obrenović

Janko Pejović

Tatjana Vodnik

Snežana Jovičić

Mirka Ilić

Velibor Canić

Jelena Ošap

Aleksandra Nikolić-Đorđević

Anđelo Beletić

Jasna Bjelanović

SCIENTIFIC COMMITTEE (in alphabetical order)

Gheorghe Benga, Romania

Anyla Buló Kasneci, Albania

Jozo Ćorić, Bosnia and Herzegovina

Stoyan Danev, Bulgaria

Najdana Gligorović-Barhanović, Montenegro

Svetlana Ignjatović, Serbia

Valentina Koloska, Macedonia

Nada Majkić-Singh, Serbia

Tomris Ozben, Turkey

Nazmi Ozer, Turkey

Katherina Psarra, Greece

Demetrios Rizos, Greece

Milko Shishenkov, Bulgaria

Sanja Stanković, Serbia

Orestes Tsolas, Greece

Kamen Tzatchev, Bulgaria



DMBS
SMBS



PRE-CONGRESS SCIENTIFIC ACTIVITY

8th EFCC Symposium for Balkan Region

Under IFCC and EFCC Auspices

*Vitamin D Deficiency:
A new challenge for laboratory medicine*

PRELIMINARY PROGRAMME

Best Western Hotel M, BELGRADE, SERBIA
September 19, 2012

AUSPICES

8th EFCC Symposium for Balkan Region

is organized under the Auspices of the
**International Federation of Clinical Chemistry
and Laboratory Medicine (IFCC)**
**European Federation of Clinical Chemistry
and Laboratory Medicine (EFCC)**
Balkan Clinical Laboratory Federation (BCLF)

MEETING ORGANIZERS

Society of Medical Biochemists of Serbia
Institute of Medical Biochemistry,
Pharmaceutical Faculty, University of Belgrade
&
Clinical Center of Serbia

Symposium coordinators:

Nada Majkić-Singh (Serbia)
Svetlana Ignjatović (Serbia)

MEETING SECRETARIAT

Institute of Medical Biochemistry
Clinical Center of Serbia
Višegradska 26
11000 Belgrade, Serbia
Phone/Fax: + 381 11 361 56 31
e-mail: dmbj@eunet.rs
Website: www.dmbj.org.rs

SREDA, 19. SEPTEMBAR 2012.
WEDNESDAY, SEPTEMBER 19, 2012

9:00 – 13:00

Section 1

Chairs: *N. Majkić-Singh* (Serbia)
E. Topić (Croatia)
S. Ignjatović (Serbia)

Welcome – IFCC and EFCC activities

Introduction – Biochemistry and metabolism of vitamin D
Snežana Jovičić (Belgrade, Serbia)

Vitamin D relevance – challenges in diagnosis and monitoring of hypovitaminosis D
Prof. Dr. med. Michael Vogeser (Munich, Germany)

Vitamin D insufficiency: implications for multiple sclerosis
Prof. Charles Pierrot-Deseilligny (Paris, France)

Coffee break

Section 2

Chairs: *V. Popović* (Serbia)
D. Pavlović (Croatia)

Vitamin D in prevention of renal and cardiovascular disease
Doc. Dr. Draško Pavlović (Zagreb, Croatia)

The role of vitamin D in osteoporosis
Prof. Dr. Vera Popović (Belgrade, Serbia)

The role of vitamin D in multisystem sarcoidosis
Prof. Dr. Violeta Mihailović-Vučinić (Belgrade, Serbia)

Biological effects of vitamin D in elderly population
Dr. Roxana Fournier (Amiens, France)

Contribution of diet for vitamin D status
Prof. Dr. Maja Nikolić (Niš, Serbia)

13:00 – 14:30 Lunch

Section 3

14:30 – 17:00

Chairs: *M. Serteser* (Turkey)
N. Babić (USA)

Vitamin D measurement – challenges in exact diagnosis, pitfalls, standardization, results of the Elecsys vitamin D total assay
Dr. Heinz Juergen (Pablo) Roth (Heidelberg, Germany)

Challenges in vitamin D analysis
Assoc. Prof. Mustafa Serteser (Istanbul, Turkey)

Analytical methods and performance of immunoassays methods in comparison to mass spectrometry
Dr. Nikolina Babić (Chicago, USA)

The low serum concentration of 25-OH vitamin D in patients with early rheumatoid arthritis
Dr. Manole Cojocaru, Inimiara Mihaela Cojocaru, Isabela Silosi (Bucharest & Craiova, Romania)

Does vitamin D really affect muscle strength and balance in knee osteoarthritis?
Assoc. Prof. Aylin Sepici Dincel (Ankara, Turkey)

Section 4

Experiences from Balkan region
(participation of Serbia, Turkey, Greece, Romania etc.)

Comparison of three different methods for 25(OH)-vitamin D determination and vitamin D status in general population – Serbian experience
Snežana Jovičić (Belgrade, Serbia)

Levels of 25 OH Vitamin D in healthy postmenopausal women. Comparison of two different methods
Antigoni Kapetanaki, Evangelia Tsoka, Irene Lambrinouadaki, Demetrios Rizos (Athens, Greece)



20th MEETING OF THE BALKAN CLINICAL LABORATORY FEDERATION

PRELIMINARY SCIENTIFIC TOPICS

WEDNESDAY, SEPTEMBER 19, 2012

18:00 – 21:00

Opening Ceremony

Opening Introduction

Welcome addresses on behalf of local authorities

Welcome addresses of Scientific and Organizing Committee Chairmen

Awards Presentation

BALKAN BioSystems AWARD for young researchers 2012

Society Medical Biochemists Award 2012

Opening Lecture

Chairs: *Nada Majkić-Singh* (Belgrade, Serbia)

Svetlana Ignjatović (Belgrade, Serbia)

Vitamin D: A D-Lightful Solution for Good Health

Professor Michael Holick (Boston, USA)

Welcome Reception

THURSDAY, SEPTEMBER 20, 2012

9:00 – 18:00

Session 1

PREANALYTICS – THE RIGHT WAY FOR IMPROVEMENT PATIENTS SAFETY

Chairs: *Zorica Šumarac* (Serbia)

Ana-Maria Šimundić (Croatia)

9:00 – 13:00 Lectures

Pre-analytical errors and patient safety

Mario Plebani (Italy)

Patients identification errors

Vladimir Palička (Czech Republic)

Detection and management of hemolysed samples

Ana-Maria Šimundić (Croatia)

Coffee break

Pre-analytical phase in relation to hemostasis

Steve Kitchen (UK)

How laboratory accreditation assures patient safety?

Mustafa Serteser (Turkey)

Experiences from Balkan Region will be presented from

Serbia (*Zorica Šumarac*), Greece and Romania

13:00-14:30 Lunch

15:00 – 15:30 PLENARY LECTURE

Clinical pharmacogenomics and concept of personalized medicine

Nikolina Babić (Chicago, USA)

Session 2

TUMOR MARKERS AND MOLECULAR DIAGNOSIS OF CANCER

Chairs: *Camelia Grigore* (Romaina)
Anyla Bulo (Albania)

15:45 – 18:00 Lectures

Ion channel expression in cancer: Molecular pathobiology and clinical application

Mustafa B. A. Djamgoz (Turkey)

Hereditary breast cancer: beyond *BRCA* genes

Christos Kroupis (Greece)

Serological markers in prostate cancer

Camelia Grigore (Romania)

Diagnostic value of chromogranin A as a biomarker of neuroendocrine tumors

Anyla Bulo (Albania)

FRIDAY, SEPTEMBER 21, 2012

9:00 – 18:00

Session 3

NEW BIOCHEMICAL MARKERS

Chairs: *Demetrios Rizos* (Greece)
Radmila Obrenović (Serbia)

9:00 – 11:00 Lectures

Recent progress towards noninvasive prenatal diagnosis of chromosomal abnormalities

Demetrios Rizos (Greece)

Serum cystatin C level in pregnancy

Radmila Obrenović (Serbia)

Laboratory screening of renal transplant patients

Ozlem Goruroglu Ozturk (Turkey)

Variability of Bone Markers in Osteoporosis and Different Experiences in Balkan Countries

Aylin Sepici Dincel (Turkey)

Autoimmunity and vaccination: is there a link?

Manole Cojocaru, Inimioara Mihaela Cojocaru (Romania)

New laboratory biomarkers in pre-eclampsia: our experience

Albana Daka (Albania)

Two faces glucose-6-phosphate dehydrogenase

Nuray Ullusu (Turkey)

Session 4

BIOCHEMICAL MARKERS OF CARDIAC DISEASE

Chairs: *Kamen Tzatchev* (Bulgaria)

Sanja Stanković (Serbia)

11:00 – 12:00 Lectures

Biomarkers in patients with ST-segment elevation myocardial infarction treated by primary percutaneous coronary intervention

Sanja Stanković (Serbia)

Diagnostic significance of matrix metalloproteinase 9 (MMP-9) as early marker of acute myocardial infarction

Emina Čolak (Serbia)

12:00 – 13:00 Commercial workshop

13:30 – 15:00 Lunch

15:00 – 15:30 PLENARY LECTURE

The Continuous Professional Development Crediting System in EFCC Societies

Elizabeta Topić (Croatia)

Session 5

STANDARDIZATION IN LABORATORY MEDICINE

Chairs: *Milko Shishenkov* (Bulgaria)

Mirka Ilić (Serbia)

15:30 – 17:00 Lectures

Effects of new oral anticoagulants on laboratory tests of haemostatis

Steve Kitchen (UK)

Analytical standardization and harmonization

Muhittin Serdar (Turkey)

Common urinalysis – current practices and future perspectives

Milko Shishenkov (Bulgaria)

Turnaround time in the emergency biochemical laboratory

Mirka Ilić (Serbia)

Session 6 (to be announced)

Commercial workshop (*to be announced*)

POSTERS (*will be displayed on Thursday, 20th and Friday, 21st September*)

- | | |
|-----------------------------|---------------------|
| ■ Setup: starting 8:30 | September 20 |
| ■ Display: 9:00 – 18:00 | September 20 and 21 |
| ■ Withdrawal: 17:00 – 18:00 | September 21 |

ABSTRACT SUBMISSION

Meeting delegates are cordially invited to submit abstracts of their scientific work for presentation as a free communication at the BCLF2012 Belgrade meeting. Abstracts can be submitted on all fields of Clinical Chemistry, Hematology and Laboratory Medicine in the broader sense. You can find a specified topic list in this brochure which is also available on the abstract submission site. Presentation of free communications is predominantly by **poster**. A limited number of abstracts will be selected for an **oral presentation** in the meeting sessions. Abstract should be prepared and submitted according to the instructions following hereafter.

Abstracts can be submitted by the Internet only to:
www.bclf2012.org

PRELIMINARY SCIENTIFIC TOPICS

- Biochemical Markers of Cardiac Diseases
- Clinical Chemistry in Kidney Diseases and Transplantation
- Tumor Markers and Molecular Diagnosis of Cancer
- Laboratory Endocrinology
- Bone Metabolism and Diseases
- Vitamin D Deficiency
- Hematology and Coagulation
- Molecular Diagnostics
- Human Genome Project
- Trace Elements
- Diagnostic Markers in Autoimmune Diseases
- Point-of-Care Testing
- Evidence-Based Laboratory Medicine
- Total Quality Management and Accreditation
- Preanalytical Variables and Biological Variation
- Medical Errors and Patient Safety
- Education and Training of Specialists in Laboratory Medicine
- Varia

General requirements for Abstract are as follow:

- The text must be clear, concise and written in proper English;
- Abstracts should be structured and must include: brief introduction, description of the methodology used, results, conclusions
- The body of the abstract should not exceed 250 words

Deadline for abstract submission: May 15 2012.

Receipt of the abstracts will be acknowledged by numbered e-mail immediately after submission. Authors will be notified of acceptance or rejection of their abstracts by **June 15, 2012.**

Anyone presenting an abstract must register for Meeting and pay the appropriate fee.

REGISTRATION

All meeting delegates must register in advance of the meeting. Invited speakers will receive a dedicated communication regarding their registration procedure.

Registration can be submitted by regular mail to Meeting Secretariat or by fax (+381 11 3615631) using the Registration form.

Online registration is available at the Meeting website **www.bclf2012.org**

All fees must be paid in Euro by BANK TRANSFER. A copy of the transfer receipt must be sent by fax (+381 11 3615631). **Registration without proof of payment cannot be accepted.**

On site registrations must be paid by cash only.

The Organizing Secretariat will send confirmation of registration upon receipt of payment by e-mail: be sure your e-mail address is filled in clearly and correctly.

Because only those registered for the meeting will be allowed to attend the scientific sessions, the Organizing Secretariat kindly request that participants show proof of payment when checking in at the registration desk.

ACCOMMODATION

A number of rooms have been reserved for the participant's accommodation at the Best Western Hotel M (Single room – 70 Euro; double room – 90 Euro). Rates are daily per room, including breakfast and taxes (in Euros). **Reservations will be made on a »first-come, first-serve« basis before August 10, 2012.**

For room reservation and payment please contact the Hotel:

Best Western Hotel M
Bulevar oslobođenja 56
11000 Belgrade, Serbia
Phone/Fax: + 381 11 30 90 609
+ 381 11 30 90 644
e-mail: office@hotel-m.com
Contact person:
Raco Vuković
Jelena Peković

PRE-CONGRESS SCIENTIFIC ACTIVITY

On Wednesday, September 19, 2012

8th EFCC Symposium for Balkan Region under IFCC and EFCC Auspices will be held under the title *Vitamin D Deficiency: A new challenge for laboratory medicine*

Those interested in participation can registered by paying 100 Euro (see Registration Form)

GENERAL INFORMATION

Date and Venue

The scientific programme and exhibition of the BCLF 2012 BELGRADE MEETING will be held at the Best Western Hotel M, Bulevar oslobođenja 56, Belgrade, September 18–22.

Accommodation

A number of rooms have been reserved for the participants' accommodation at the Best Western Hotel M (single room 70 EUR; double room – 90 EUR). Rates are daily per room, including breakfast and taxes (in Euros). **Reservations will be made on a »first-come, first-serve« basis before August 10, 2012.**

Important dates

The 2nd Announcement, Registration/Reservation and Abstract Forms will be mailed in **January 2012**.

Deadline for abstract submission: **May 15, 2012**.

Registration desk

The registration desk located at the Best Western Hotel M will be open for the duration of the Symposium from Tuesday, September 18, to Friday, September 21, 2012, from 9:00 a.m. to 7:00 p.m.

Full registration fee 150.00 EUR

Registration fees may be paid in Euros or Dinars, by bank transfers or in cash at site (see Registration Form).

The registration fee includes:

- Admission to all scientific sessions
- Admission to exhibition
- Congress 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 should 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 speakers' needs.

Exhibition

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

Internet

The Organizer kindly invites you to visit the Meeting Web pages at www.bclf2012.org

Weather

In September enjoys a mild climate. The average daily temperature in September is about 21 °C.



PRELIMINARNI PROGRAM

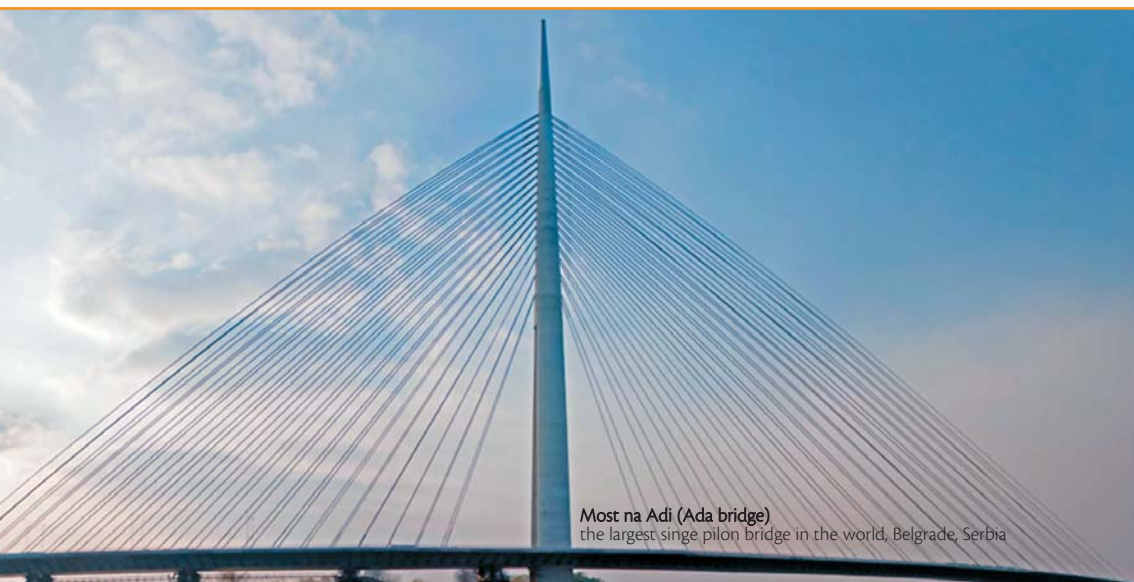
**XVIII KONGRES
MEDICINSKE BIOHEMIJE
I LABORATORIJSKE MEDICINE
sa međunarodnim učešćem**

**XVIII CONGRESS
OF MEDICAL BIOCHEMISTRY
AND LABORATORY MEDICINE
with international participations**

&

**8th EFCC SYMPOSIUM
FOR BALKAN REGION**

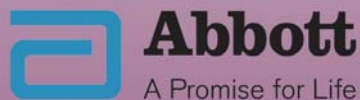
Organizovani pod pokroviteljstvom IFCC i EFCC
Organized under IFCC and EFCC auspices



Most na Adi (Ada bridge)
the largest single pylon bridge in the world, Belgrade, Serbia

Best Western Hotel M, Beograd
SEPTEMBAR 18–22. 2012. godine
www.dmbs18kongres.org.rs

PRINCIPAL SPONSORS



ORGANIZER

Phone/Fax: +381 11 361 56 31

E-mail: dmbj@eunet.rs

Website: www.bclf2012.org

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