



10th EFLM

SYMPOSIUM FOR BALKAN REGION

Paediatric Laboratory Medicine:
Some Aspects of Obesity, Metabolic Syndrome,
Neonatal Screening, Reference Intervals
and Critical Values

Under  Auspices
International Federation
of Clinical Chemistry
and Laboratory Medicine

FINAL PROGRAMME



Best Western Hotel M, Belgrade, Serbia

September 11–12, 2014

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SYMPOSIUM ORGANISERS

Society of Medical Biochemists of Serbia
European Federation of Clinical Chemistry
and Laboratory Medicine (EFLM)
Center of Medical Biochemistry,
Clinical Center of Serbia
Pharmaceutical Faculty, Belgrade University

AUSPICES

10th EFLM Symposium for Balkan Region

is organized under the Auspices of the

*International Federation of Clinical Chemistry (IFCC)
Balkan Clinical Laboratory Federation (BCLF)
Ministry of Education, Science and Technological
Development of Serbia
Ministry of Health of Serbia*

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ORGANISING AND SCIENTIFIC COMMITTEE

SCIENTIFIC COMMITTEE

Nada Majkić-Singh (Serbia)

Edgard Delvin (Canada)

Elizabeta Topić (Croatia)

Grazyna Sypniewska (Poland)

Svetlana Ignjatović (Serbia)

ORGANIZING COMMITTEE

Nada Majkić-Singh

Zorica Šumarac

Svetlana Ignjatović

Snežana Jovičić

Tatjana Vodnik

Jelena Ošap

Velibor Canić

Jadranka Mitrović

Anđelo Beletić

Ljubica Zatezalo



Dear colleagues and friends,

The Society of Medical Biochemists of Serbia has the pleasure to welcome you to the 10th EFLM Symposium for Balkan Region being held under the title **»Paediatric Laboratory Medicine: Some Aspects of Obesity, Metabolic Syndrome, Neonatal Screening, Reference Intervals and Critical Values«**. The 10th EFLM Symposium for Balkan Region is organized under the auspices of the International Federation of Clinical Chemistry (IFCC). The Society as a member of the IFCC and EFLM greatly appreciates the role it has in the continuing development of our discipline according to the IFCC mission and the Strategic Plan. EFLM appointed Belgrade (Serbia) and the Society of Medical Biochemists of Serbia as the organizer of educational symposia for clinical chemists in the Balkan region and as a result of this decision nine symposia have been organized thus far very successfully.

Special thanks go to Professor Edgard Delvin, who helped to design the program of this symposium by suggesting topics and lecturers and who enabled the laboratory professionals in the Balkan region and our country to learn about this very important area of laboratory medicine.

On behalf of the Society of Medical Biochemists of Serbia and the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM), we would like to welcome all our distinguished lecturers and thank them for their participation in the 10th EFLM Symposium for Balkan Region. Their presence gives very high recognition and prestige to this Meeting, which will influence the development of clinical chemistry and laboratory medicine in the Balkan region.

Special thanks are addressed to the participants, whose presence is the main stimulus and only reward for those of us who have worked hard in organizing this meeting. We would like to thank all the industrial companies and local representatives participating in the exhibitions and sponsoring the organization of the Symposium.

We hope that the EFLM Symposium in Belgrade will continue its successful progress like in previous years, striving to focus on the new data in the field of laboratory medicine.

To all of you, we wish that you may enjoy these days of science, friendship and hospitality. We hope you will have a happy and pleasant stay in Belgrade.

Symposium President
Prof. Dr Nada Majkić-Singh

A handwritten signature in black ink, which appears to read "N. Majkić-Singh". The signature is written in a cursive, flowing style.

THURSDAY, SEPTEMBER 11, 2014

9:00 – 11:00

Introduction

EFLM Symposium for Balkan Region

Nada Majkić-Singh, Elizabeta Topić, Zorica Šumarac

Society of Medical Biochemists of Serbia and

European Federation of Clinical Chemistry and Laboratory
Medicine

Section 1

**Pediatric Obesity – Insulin resistance – Non-alcoholic
Fatty Liver Disease (NAFLD)**

Chairs: *E. Delvin* (Canada)

N. Majkić-Singh (Serbia)

9:00 – 9:30 **Pediatric obesity and its associated co-morbidities**
Edgard Delvin (Montreal, Canada)

9:30 – 10:00 **Epidemiology and natural history of NAFLD**
Valerio Nobili (Rome, Italy)

10:00 – 10:30 **Metabolic setup and risks in obese children**
Mirjana Kocova (Skopje, Macedonia)

Discussion

11:00 – 11:30 **Coffee break**

- 11:30 – 11:50 **Insulinemia in obese children**
Dragan Katanić (Novi Sad, Serbia)
- 11:50 – 12:10 **The diagnosis of prediabetes in adolescents**
Vera Zdravković (Belgrade, Serbia)
- 12:10 – 12:30 **Discussion**
- 13:00 – 14:30 **Lunch**

Section 2 – first part

Neonatal Screening for Metabolic Disorders

Chairs: *I. Balogh* (Hungary)
Z. Šumarac (Serbia)

- 15:00 – 15:30 **Different Viewpoints: International Perspectives on Newborn Screening**
Rodney Pollitt (Scheffield, UK)
- 15:30 – 16:00 **Standardization in Neonatal Screening Programmes**
Alberto Burlina (Padua, Italy)
- 16:00 – 16:30 **CFTR molecular testing of two patient cohorts in Hungary: relevance to newborn screening**
Gergely Ivády, Katalin Koczok, István Balogh (Debrecen, Hungary)
- 16:30 – 16:50 **Importance of screening in the prevention of Thalassemia syndromes**
Milica Čvorkov-Dražić (Belgrade, Serbia)
- 16:50 – 17:10 **Discussion**

FRIDAY, SEPTEMBER 12, 2014

9:00 – 11:00

Section 2 – second part

Neonatal Screening for Metabolic Disorders

Chairs: *T. Milenković* (Serbia)

V. Anastasovska (Macedonia)

9:00 – 9:20 **Direct molecular diagnosis of CYP21A2 point mutations in Macedonian and Serbian patients with 21-hydroxylase deficiency**

Violeta Anastasovska, Tatjana Milenković, Mirjana Kocova (Skopje, Macedonia)

9:20 – 9:40 **Selective screening for metabolic disorders in a Slovenian pediatric population**

Barbka Repič Lampret, Simona Murko, Mojca Žerjav Tanjšek, Andraž Šmon, Tadej Battelino (Ljubljana, Slovenia)

9:40 – 10:00 **30 years of experience with the screening program for congenital hypothyroidism in Central Serbia (1983–2014)**

Tatjana Milenković, Miloš Baničević, Ljubica Zatezalo, Zagorka Subotić, Branka Opančina, Katarina Mitrović, Slađana Todorović (Belgrade, Serbia)

10:00 – 10:10 **Discussion**

Coffee break

Section 3

Paediatric Reference Intervals and Critical Values

Chairs: *K. Adeli* (Canada)

S. Ignjatović (Serbia)

10:30 – 11:00 Concepts in establishing reference values in pediatrics

Joseph Henney (Villejuif, France)

11:00 – 11:30 Closing the Gap in Pediatric Reference Intervals: The CALIPER Initiative

Khosrow Adeli (Toronto, Canada)

11:30 – 12:00 Population-based pediatric reference intervals in general clinical chemistry: A Swedish survey

Peter Ridefelt (Uppsala, Sweden)

12:00 – 12:15 Discussion

13:30 – 15:00 Lunch

GENERAL INFORMATION

Date and Venue

The Scientific programme and exhibition of the 10th EFLM Symposium for Balkan Region in Belgrade will be held in Best Western Hotel »M«, Bulevar oslobođenja 56, Belgrade, from 11–12 September, 2014.

Registration desk

The registration desk located at the Hotel »M«, Belgrade will be open for the duration of the Symposium from Wednesday, September 10, 2014 at 9:00 a.m. to Friday, September 12, 2014 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).

The registration fee includes:

- Admission to all scientific session
- Symposium material (programme, JMB, congress bag, badge, etc.)
- Coffee breaks
- Two 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 speakers needs.

Internet

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

Weather

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

www.paris2015.org



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