



XXII

SRPSKI KONGRES
MEDICINSKE BIOHEMIJE
I LABORATORIJSKE MEDICINE
sa međunarodnim učešćem

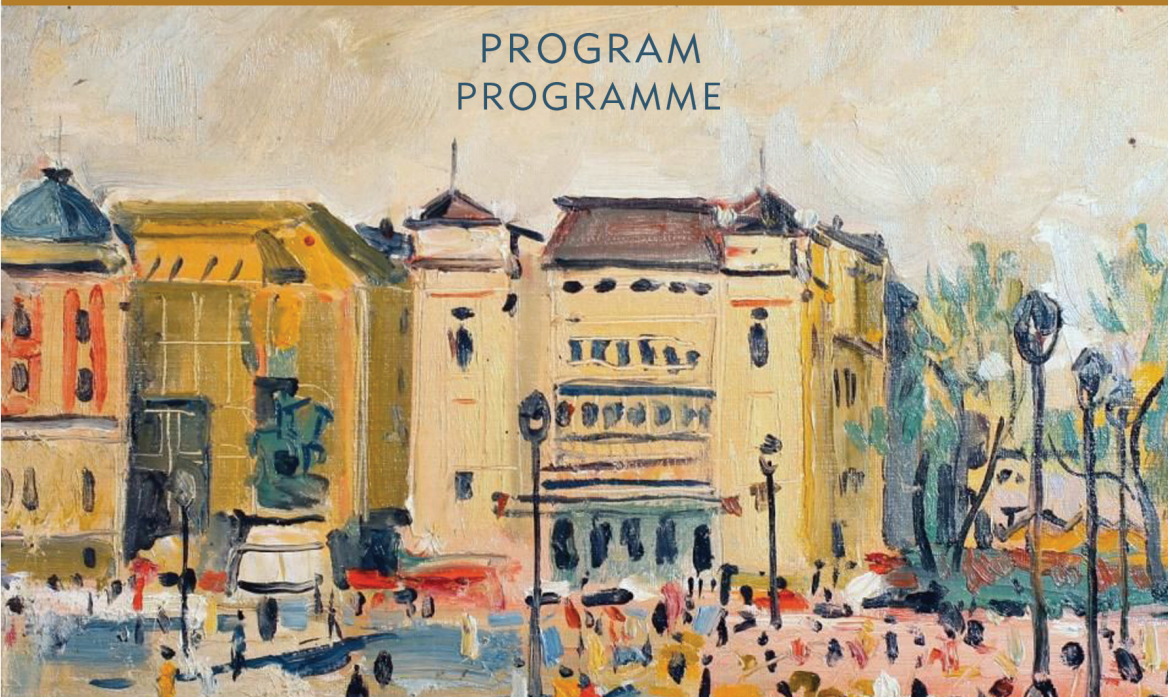
SERBIAN CONGRESS
OF MEDICAL BIOCHEMISTRY
AND LABORATORY MEDICINE
with international participation

&

16th BELGRADE SYMPOSIUM FOR BALKAN REGION

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

PROGRAM
PROGRAMME



Hyatt Regency Beograd, Belgrade, Serbia

September 12–14, 2022

www.dmbj.org.rs

Organizatori Kongresa

**DRUŠTVO MEDICINSKIH
BIOHEMIČARA SRBIJE
SOCIETY OF MEDICAL
BIOCHEMISTRY OF SERBIA**



**FARMACEUTSKI FAKULTET
UNIVERZITETA U BEOGRADU
PHARMACEUTICAL FACULTY
BELGRADE UNIVERSITY**

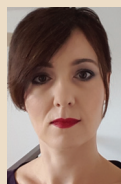


ADRESA ORGANIZACIONOG ODBORA

DRUŠTVO MEDICINSKIH BIOHEMIČARA SRBIJE

Vojislava Ilića 94B/7, 11050 Beograd

Tel. 011/3475183



Poštovane kolege,

U Beogradu se od 12–14. septembra 2022. godine održava XXII Srpski kongres medicinske biohemije i laboratorijske medicine sa međunarodnim učešćem, u organizaciji Društva medicinskih biohemičara Srbije i Farmaceutskog fakulteta u Beogradu. Tradicionalno u toku Kongresa biće održan i 16th Belgrade Symposium for Balkan Region. Kongres se održava pod pokroviteljstvom Međunarodne federacije za kliničku hemiju i laboratorijsku medicinu – IFCC (*International Federation of Clinical Chemistry and Laboratory Medicine*), Evropske federacije za kliničku hemiju i laboratorijsku medicinu – EFLM (*European Federation of Clinical Chemistry and Laboratory Medicine*) i Balkanske kliničko laboratorijske federacije – BCLF (*Balkan Clinical Laboratory Federation*), kao i Ministarstva prosvete i nauke i tehnološkog razvoja i Ministarstva zdravlja Republike Srbije.

XXII kongres medicinske biohemije i laboratorijske medicine posvećen je inovacijama i trendovima koji će oblikovati budućnost laboratorijske dijagnostike. Fokus predavanja je na novom konceptu upravljanja kvalitetom u medicinskim laboratorijama, organizaciji eksterne kontrole kvaliteta u laboratorijama, upravljanjem preanalitičkim i analitičkim greškama. Posebna pažnja biće posvećena dijagnostici i lečenju korišćenjem nove generacije laboratorijskih metoda u personalizovanoj medicini, savremenim trendovima u laboratorijskoj medicini, kao i u proceni rizika kod metaboličkih i endokrinih poremećaja. Kongres će se baviti i drugim aspektima našeg profesionalnog angažovanja, kao što je akreditacija u medicinskim laboratorijama i procena rizika u oblasti bezbednosti hrane.

Zadovoljstvo nam je što će se na XXII kongresu medicinske biohemije i laboratorijske medicine i 16th Belgrade Symposium for Balkan region predstaviti istaknuti naučnici i laboratorijski profesionalci iz susednih zemalja. Takođe, na sekciji »Forum mladih istraživača«, studentima doktorskih studija, mladim istraživačima i stručnjacima iz laboratorija biće omogućena razmena iskustva i ideja kao i uspostavljanje baze za buduću saradnju.

Organizacija Kongresa rezultat je angažovanja i zalaganja svih članova Naučnog i Organizacionog odbora. Nadamo se da će ponuđeni program ispuniti vaša očekivanja, da ćete uzeti aktivno učešće u diskusiji, i da ćete kroz razmenu iskustava obogatiti svoja znanja, što bi bilo od nesumnjive koristi za našu svakodnevnu laboratorijsku praksu.

Takođe, iskreno se nadamo da će Beograd, drevni grad na dve reke biti dobar i interesantan domaćin.

Iznad svega, želimo vam uspešan rad i prijatan boravak.

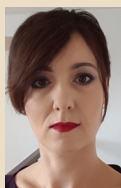
U Beogradu, 25. februar 2022. godine

PREDSEDNİK

Naučnog odbora Kongresa
Prof. dr Vesna Spasojević-Kalimanovska

PREDSEDNİK

Organizacionog odbora Kongresa
Dr Iva Perović-Blagojević



Dear colleagues,

From September 12–14th 2022, Belgrade will host the 22nd Serbian Congress of Medical Biochemistry and Laboratory Medicine with international participation, and 16th Belgrade Symposium for Balkan region organized by the Society of Medical Biochemists of Serbia and Faculty of Pharmacy, University of Belgrade. The Congress will be held under the auspices of the *International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)*, *European Federation of Clinical Chemistry and Laboratory Medicine (EFCC)* and *Balkan Clinical Laboratory Federation (BCLF)*, as well as the Ministry of Education, Science and Technological development and Ministry of Health of the Republic of Serbia.

The focus of 22nd Congress of Medical Biochemistry and Laboratory Medicine and 16th Belgrade Symposium for Balkan region will be the innovations and trends that are shaping the future of laboratory medicine. Lectures will be dedicated to the new concept in quality management in medical laboratories, organization of external quality control in laboratory and pre-analytical and analytical errors management. Special attention will be given to diagnostics and treatment by utilizing new generation of laboratory methods and innovations in personalized medicine, novel trends in laboratory medicine and the risk assessment of metabolic and endocrine disorders. Congress will also consider other aspects of our professional engagement, such as accreditation in medical laboratories and risk assessment in food safety.

The Society of Medical Biochemists of Serbia also has the pleasure to welcome you to the **16th Belgrade Symposium for Balkan Region** being held under the title **»Laboratory Medicine Management: Leadership Skills for Effective Laboratory«**.

We are very pleased to announce prominent scientists and laboratory professionals from neighbouring countries. We also invite you to participate in our Section for PhD students and young researchers **»Forum of Young Researchers«**. This section aspires to be an ideal place for young researchers, laboratory professionals and students to interact and share ideas.

22nd Congress of Medical Biochemistry and Laboratory Medicine will be a unique opportunity to liaise with your professional colleagues from neighbouring countries, learn and share your knowledge and discuss the latest research outcomes and technological advancements as well as new ideas in medical laboratory practice.

Organization of the Congress is the result of engagement and effort by all members of the Scientific and Organizing Boards. It is our hope that the programme we are offering will meet your expectations, that you will take active part in the discussion and that through such an exchange of experiences you will enrich your knowledge, which would doubtlessly be useful to our everyday laboratory practice.

Also, we sincerely hope you will find Belgrade, the ancient city upon two rivers, a kind and interesting host.

Above all, we wish you success in your work and a pleasant stay.

Belgrade, February 25, 2022

CHAIRMAN
of the Scientific Boards of the Congress
Prof. dr Spasojević-Kalimanovska

CHAIRMAN
of the Organizing Board of the Congress
Dr. Iva Perović-Blagojević

**POKROVITELJI KONGRESA
PATRONS OF THE CONGRESS**

**XXII SRPSKI KONGRES MEDICINSKE BIOHEMIJE
I LABORATORIJSKE MEDICINE
sa međunarodnim učešćem
XXII SERBIAN CONGRESS OF MEDICAL BIOCHEMISTRY
AND LABORATORY MEDICINE
with international participations
&
16th BELGRADE SYMPOSIUM FOR BALKAN REGION**

**održavaju se pod pokroviteljstvom/
are held under the auspices of**

*Međunarodne federacije za kliničku hemiju
i laboratorijsku medicinu – IFCC
International Federation of Clinical Chemistry
and Laboratory Medicine*



*Evropske federacije za kliničku hemiju
i laboratorijsku medicinu – EFLM
European Federation of Clinical Chemistry
and Laboratory Medicine*



BALKAN CLINICAL LABORATORY FEDERATION



Ministarstva prosvete, nauke
i tehnološkog razvoja Republike Srbije
Ministry of Education, Science and Technological Development
of the Republic of Serbia

Ministarstva zdravlja Republike Srbije
Ministry of Health of the Republic of Serbia

NAUČNI ODBOR SCIENTIFIC BOARD

Predsednik/President

Prof. dr Vesna Spasojević-Kalimanovska

Članovi/Members

Prof. dr Nada Majkić-Singh	Ass dr Snežana Jovičić
Doc. dr Zorica Šumarac	Prof. dr Aleksandra Zeljković
Prof. dr Svetlana Ignjatović	Prof. dr Jelena Vekić
Prof. dr Nataša Bogavac-Stanojević	Prof. dr Aleksandra Stefanović
Prof. dr Jelena Kotur Stevuljević	Vanredni prof. Miron Sopić

ORGANIZACIONI ODBOR ORGANIZING COMMITTEE

Predsednik/President

Dr Iva Perović-Blagojević

Sekretar/Secretary

Miljan Savković

Članovi/Members

Nada Majkić-Singh	Marijana Dajak
Zorica Šumarac	Jasmina Ivanišević
Snežana Jovičić	Tamara Gojković
Velibor Canić	Milica Miljković
Vera Lukić	Nina Ivanović

TEHNIČKI ORGANIZACIONI ODBOR ORGANIZATIONAL TECHNICAL COMMITTEE

Predsednik/President

Snežana Jovičić

Iva Perović-Blagojević	Milica Miljković-Trailović
Neda Milinković	Tamara Gojković
Bojana Lugić	Sanja Vujčić
Marija Mihajlović	Tamara Antić
Sanja Erceg	Miljan Savković
Jelena Munjas	Nina Ivanović
Sandra Vladimirov	Teodora Tumbas

..... PROGRAM

**XXII SRPSKI KONGRES
MEDICINSKE BIOHEMIJE
I LABORATORIJSKE MEDICINE
sa međunarodnim učešćem**

**XXII SERBIAN CONGRESS
OF MEDICAL BIOCHEMISTRY
AND LABORATORY MEDICINE
with international participations**

&

**16th BELGRADE SYMPOSIUM
FOR BALKAN REGION**

»Laboratory Medicine Management:
Leadership Skills for Effective Laboratory«



BEOGRAD, Hyatt Regency Beograd

PONEDELJAK, 12. SEPTEMBAR 2022. godine
MONDAY, SEPTEMBER 12, 2022

11:00 – 14:30

***Svečano otvaranje XXII
Srpskog kongresa DMB Srbije i
16th Belgrade Symposium for
Balkan Region***

Opening ceremony

Predsedništvo/Presidency:
*Vesna Spasojević-Kalimanovska,
Iva Perović-Blagojević, Nada Majkić-Singh,
Zorica Šumarac*

11:00 – 11:30

Pozdravi gostiju/Greet the guests

Professor Mario Plebani,
EFLM President-Elect
Welcome address,
on behalf of EFLM President

Profesor dr Slađana Šobajić,
Dekan Farmaceutskog fakulteta
Univerziteta u Beogradu
Deen of the Faculty of Pharmacy, University
of Belgrade, Belgrade

Profesor dr Branislava Miljković,
Predsednik Saveza farmaceutskih udruženja
Srbije
President of the Association of
Pharmaceutical Associations of Serbia

11:30 – 12:00

Plenarno predavanje/Opening lecture

Mario Plebani (Padova, Italy)
Laboratory medicine in the era of COVID-19:
lessons for the future

12:00 – 12:20

Dunja Rogić (Zagreb, Croatia)
Upravljanje laboratorijem kroz novo normalno
Laboratory management in the new normal

12:20 – 13:00

***Dodela nagrade iz Fonda Milica Marković
Award ceremony from the Milica
Markovic Fund***

13:00 – 14:30

Koktel/Cocktail

PONEDJAK, 12. SEPTEMBAR 2022. godine
MONDAY, SEPTEMBER 12, 2022

**16th Belgrade Symposium for Balkan Region
Laboratory Medicine Management:
Leadership Skills for Effective Laboratory**

Under IFCC and EFLM Auspices



P R O G R A M

**Session 1: PROFESSIONAL CHALLENGES IN THE ERA OF
INNOVATIONAL TECHNOLOGIES**

**Sekcija 1: PROFESIONALNI IZAZOVI U ERI INOVATIVNIH
TEHNOLOGIJA**

14:30 – 16:00 Lectures/Predavanja

Chairs: *Snežana Jovićić, Nada Majkić-Singh*

Meeting the leadership challenge of disruptive innovation

Gilbert Wieringa, Manchester, United Kingdom

Added value by interpretative commenting

Wytze Oosterhuis, Heerlen/Sittord, The Netherlands

Smartphone applications using laboratory medicine data – reliability and benchmarking

Snežana Jovičić, Belgrade, Serbia

Discussion/Diskusija

16:00 – 16:30 Coffee break/Kafe pauza

**Sekcija 2: CHALLENGES IN LABORATORY MEDICINE
MANAGEMENT OF EFFECTIVE
LABORATORIES**

**Session 2: IZAZOVI U MENADŽMENTU EFIKASNIH
MEDICINSKO BIOHEMIJSKIH LABORATORIJA**

16:30 – 18:30 Lectures/Predavanja

Chairs: Nataša Bogavac-Stanojević, Dunja Rogić

**The professional development of laboratory medicine
professionals in/through EFLM countries: What tools and
opportunities do we have?**

Evgenija Homšak, Maribor, Slovenia

Accreditation of laboratories

Dunja Rogić, Zagreb, Croatia

**Importance of laboratory guidelines for medical laboratory
practical work**

Nataša Bogavac-Stanojević, Belgrade, Serbia

Managing things and leading people

Katerina Tošeska-Trajkoska, Skopje, North Macedonia

Discussion/Diskusija

Sekcija 3: KORIŠĆENJE REZULTATA PACIJENATA U MEDICINSKIM LABORATORIJAMA

Session 3: THE USE OF PATIENT RESULTS IN MEDICAL LABORATORIES

9:30 – 11:00 *Predavanja/Lectures*

Voditelji/Coordinators

Svetlana Ignjatović, Vera Lukić

Primena tehnika kontrole kvaliteta rada u realnom vremenu koje koriste rezultate pacijenata u medicinskim laboratorijama

Implementation of patient-based real time quality control
techniques in medical laboratories

Svetlana Ignjatović (Beograd)

Da li se *moving average* procedure mogu koristiti kao kontinuirana kontrola kvaliteta rada u medicinskim laboratorijama?

Can moving average procedures be used as a continuous quality
control in medical laboratories?

Vera Lukić (Beograd)

Korišćenje rezultata pacijenata za izračunavanje referentnih vrednosti

The use of patient results for calculation of reference intervals

Neda Milinković (Beograd)

Diskusija/Discussion

11:00 – 11:30 Workshop firme: MAKLER

Sekcija 4: UNAPREĐENJE ZDRAVLJA DECE KROZ LABORATORIJSKU MEDICINU

Session 4: IMPROVING CHILDREN'S HEALTH THROUGH LABORATORY MEDICINE

11:30 – 13:30 *Predavanja/Lectures*

Voditelji/Coordinators

Jelena Vekić, Rade Vuković

Novi biomarkeri akutnog oštećenja bubrega

New biomarkers of acute kidney injury

Dušan Paripović (Beograd)

Zakasneli pubertet – izazovi u dijagnostici

Delayed puberty – diagnostic challenges

Rade Vuković (Beograd)

Novi markeri sepse u neonatologiji

New markers for sepsis in neonatology

Ana Đorđević-Vujičić (Beograd)

Uloga laboratorije u dijagnostici i praćenju komorbiditeta tip 1 dijabetes melitusa

The role of laboratory in diagnosis and monitoring of co-morbidities
in type 1 diabetes mellitus

Dragana Bojanin (Beograd)

Laboratorijska dijagnostika alergija kod dece

Laboratory diagnosis of allergies in children

Iva Perović Blagojević (Beograd)

Diskusija/Discussion

13:30 – 14:30 *Ručak/Lunch*

14:30 – 15:30 *Promocija monografije*

Naučni Fond »Professor Ivan Berkeš«

Promotion of the monograph

Scientific Foundation »Professor Ivan Berkeš«

Nada Majkić-Singh, Snežana Jovičić (Beograd)

15:30 – 16:00 *Workshop firme: Vivogen: Thermo Fisher Scientific*

Kafe pauza/Coffee break

Sekcija 5: ULOGA BIOHEMIJSKE LABORATORIJE U OČUVANJU REPRODUKTIVNOG ZDRAVLJA ŽENA

Session 5: CLINICAL LABORATORY IN FEMALE REPRODUCTIVE HEALTH MENAGEMENT

16:00 – 18:00 *Predavanja/Lectures*

Voditelji/Coordinators

Aleksandra Stefanović, Jelena Kotur-Stevuljević

Značaj biohemijskih markera u proceni rizika za razvoj komplikacija u trudnoći

Biochemical parameters in pregnancy complications risk assessment

Daniela Ardalić (Beograd)

Dijagnostička tačnost testova za procenu ovarijalne rezerve

Tests of ovarian reserve – Diagnostic accuracy

Aleksandra Stefanović (Beograd)

Uloga polnih steroida kod žena i muškaraca posle 50. godine

The role of sexual steroids in women and men older than fifty years
of age

Svetlana Vujović (Beograd)

Metabolizam gvožđa i ishod trudnoće

Iron metabolism and pregnancy outcome

Danica Čujić (Beograd)

Diskusija/Discussion

20:00 – 23:00 SVEČANA VEČERA/GALLA DINNER

**SREDA, 14. SEPTEMBAR 2022. godine
WEDNESDAY, SEPTEMBER 14, 2022**

Sekcija 6: NOVI BIOMARKERI U ERI PERSONALIZOVANE MEDICINE

Session 6: NOVEL BIOMARKERS IN THE ERA OF PERSONALIZED MEDICINE

9:30 – 11:30 *Predavanja/Lectures*

Voditelji/Coordinators

Aleksandra Zeljković, Milena Čavić

Farmakogenetika u onkologiji – moćno oruđe precizne medicine

Cancer pharmacogenetics – a mighty precision medicine tool

Milena Čavić (Beograd)

Biomarkeri proširenog lipidnog statusa u kolorektalnom karcinomu

Advanced lipid status biomarkers in colorectal cancer

Aleksandra Zeljković (Beograd)

Galektini kao biomarkeri: potencijal i perspektive

Galectins as biomarkers: potential and perspectives

Žanka Bojić-Trbojević (Beograd)

Izazovi u laboratorijskoj dijagnostici bolesti tiroidne žlezde

Challenges in laboratory diagnostics of thyroid disorders

Bosa Mirjanić-Azarić (Banja Luka, Republika Srpska, Bosna i
Hercegovina)

Diskusija/Discussion

Sekcija 7: FORUM MLADIH ISTRAŽIVAČA

Session 7: FORUM OF YOUNG RESEARCHERS

Doktorske studije – jedinstven put do profesionalnog ostvarenja
PhD studies – unique road to professional achievements

12:00 – 14:30 Predavanja/Lectures

Voditelji/Coordinators

Miron Sopić, Miljan Savković

Doktori nauka u IVD industriji – očekivanja i mogućnosti

PhD in IVD industry – expectations and possibilities

Gordana Dmitrašinović (Beograd)

Doktorske studije kao sveobuhvatna nadogradnja za uspešan razvoj karijere u in vitro dijagnostici

PhD as a comprehensive upgrade for successful carrier development in IVD

Tijana Krnjeta Janićijević (Beograd)

Genska ekspresija adiponektinskih receptora kod pacijenata sa kolorektalnim karcinomom

Gene expression of adiponectin receptors in patients with colorectal cancer

Marija Mihajlović (Beograd)

Markeri homeostaze holesterola u visokorizičnoj trudnoći

Cholesterol homeostasis markers in high-risk pregnancy

Tamara Antonić (Beograd)

**Longitudinalne promene lipoproteinskih čestica visoke
gustine i enzima paraoksonaze 1 tokom rizične trudnoće**

Longitudinal changes of high density lipoprotein particles and
paraoksonase 1 enzyme during risk pregnancy

Gorica Marković (Beograd)

**Gama-glutamil transferaza kao marker ekstraćelijskih vezikula
u semenoj plazmi čoveka**

Gamma-glutamyl transferase as a marker of extracellular vesicles in
human seminal plasma

Tamara Janković (Beograd)

Diskusija/Discussion

14:30 – 15:30 Ručak/Lunch

**15:30–16:30 *Promocija Monografije Professional Activities
of Serbian Laboratory Medicine Specialists***

in Balkan Region

Nada Majkić-Singh and Snežana Jovičić

Kafe pauza/Coffee break

9:00 – 17:30 POSTERSKE SEKCIJE/POSTER SESSIONS

- P001 Prezentacija rezultata hromozomskih abnormalnosti trudnoće u PHO kliničkoj bolnici Bitolja za 2020. god.**
Presentation of the results of pregnancy chromosomal abnormalities in PHO clinical hospital Bitola for 2020 year
Biljana Ilkovska, Bisera Kotevska Trifunova (Sofia, Bulgaria)
- P002 Uticaj gojaznosti na inflamatorne i antioksidantne markere kod studenata sa povećanim kardiovaskularnim rizikom**
The influence of obesity to inflammatory and antioxidative markers in university students with increased cardiovascular risk
Emina Čolak, Dragana Pap, Ljubinka Nikolić, Vesna Dimitrijević Srećković (Belgrade, Serbia)
- P003 Abnormalities in laboratory parameters in patients with covid-19 – case study**
Roberto Cvetkovski, Snezhana Volcheska, Svetlana Cekovska (Skopje, Macedonia)
- P004 Lipid profile in geriatric patients with vascular dementia and Alzheimer disease**
Jordan Petrov (Skopje, North Macedonia)
- P005 Poređenje koncentracija kalcijuma i magnezijuma određeno u uzorcima heparinizirane pune krvi i plazme**
Comparison of calcium and magnesium concentrations determined in heparinized whole blood and plasma samples
Neda Milinković, Nevena Ivanović, Marija Sarić Matutinović, Ksenija Veličković, Brižita Đorđević, Branimir Radosavljević, Snežana Jovičić, Svetlana Ignjatović (Belgrade, Serbia)

- P006 Uticaj dužine dijaliziranja na parametre mineralno koštanog metabolizma kod bolesnika na hroničnoj hemodijalizi**
Influence of dialysis length on parameters of mineral bone metabolism in patients on chronic hemodialysis
Aleksandra Stefanović Tomić, Biljana Dapčević (Herceg-Novi, Montenegro)
- P007 Status vitamina D kod bolesnika sa COVID-19 i uticaj na težinu bolesti**
Vitamin D status in COVID-19 patients and it's influence on disease severity
Marina Chubrinoska, Verica Jakjimoska (Skopje, North Macedonia)
- P008 Neutralizing antibodies (NABS) after immunization with gam-covid-vac vaccine in a sample of healthcare workers**
Melda Emin, Hristina Ampova, Elena Petrusevska-Stanojevska, Irena Kostovska, Sonja Topuzovska, Jasna Bogdanska, Katerina Tosheska-Trajkovska (Skopje)
- P009 Evaluation of anti-SARS-CoV-2 antibody responses in Macedonian healthcare workers: an interim analysis**
Hristina Ampova, Melda Emin, Elena Petrusevska-Stanojevska, Irena Kostovska, Sonja Topuzovska, Jasna Bogdanska, Katerina Tosheska-Trajkovska (Skopje)
- P010 Vitamin D status kod predgojazne i gojazne školske djece u Podgorici**
Vitamin D status in overweight and obese schoolchildren in Podgorica
Marina Jakšić, Milica Martinović, Mirjana Nedović-Vuković (Podgorica, Montenegro)
- P011 Prikaz slučaja: solitarni mastocitom uspešno dijagnostikovano merenjem nivoa triptaze u serumu**
Case report: solitary mastocytoma diagnosed successfully with measurement of serum levels of tryptase
Ljubica Adji Andov, Lidija Petrovska (Shtip, North Macedonia)

- P012 Oksidativni stres i status vitamina D kod COVID-19 pacijenata**
Oxidative stress and vitamin D status in COVID patients
Jovana Pantić, Irena Premović, Olivera Mirković, Marina Roksandić Milenković, Dejan Dimić, Nemanja Dimić, Ljiljana Timotijević, Danica Čujić, Azra Guzonjić, Jelena Vekić, Nataša Bogavac-Stanojević, Jelena Kotur-Stevuljević (Belgrade)
- P013 Evaluacija titara anti-SARS-CoV-2 s1-RBD IgG antitijela kod preležanih i vakcinisanih ispitanika**
Evalutation of anti-SARS-CoV-2 S1-RBD IgG antibody titers in recovered and vaccinated participants
Suad Mešić, Violeta Filipče, Nada Minovska, Tatjana Baevska Vučković, Eleonora Lazarova, Gjurgjica Delenikova, Tijana Argirova, Sofija Cacanaska (Skopje, North Macedonia)
- P014 Koncentracija hepcidina kod žena sa izostalim abortusom**
Hepcidin concentration among women with missed abortion
Ana Čuk, Ivanka Mikulić, Ivona Cvetković, Nikolina Penava, Ante Pušić, Kristina Ljubić, Vinka Mikulić (Mostar, Bosnia and Herzegovina)
- P015 The potential of salivary proteome in laboratory analysis of Sjogren' syndrome**
Marija Hiljadnikova-Bajro, Angela Simovska (Skopje, North Macedonia)
- P016 PCOS and insulin resistance**
Danche Kolarovska, Marija Hristovska, Hristijan Trpchevski (Bitola, North Macedonia)
- P017 Verification of VIDAS 3® SARS-CO-V-2 IgG ii test using enzyme linked fluorescent assay (elfa) technique**
Elena Petrushevska Stanojevska, Hristina Ampova, Melda Emin, Irena Kostovska, Sonja Topuzovska, Jasna Bogdanska, Katerina Tosheska-Trajkovska

**P018 Serumski nivoi IL-1 β i IL-1RA kod pacijenata sa
Grejvsovom orbitopatijom**

Serum levels of IL-1 β and IL-1RA in Graves' orbitopathy patients

Sarić Matutinović M, Nedeljković Beleslin B, Ćirić J, Žarković M, Ignjatović S. (Belgrade, Serbia)

P019 Oksidativno-stresni status kod pacijenata na hemodijalizi

Nina Mitić, Jasmina Ivanišević, Tamara Milošević,
Azra Guzonjić, Sanja Vujčić, Jelena Kotur-Stevuljević,
Snežana Pešić, Radomir Naumović

16:30 – 17:30 Diskusija postera/*Poster discussion*

**18:00 – 18:30 ZATVARANJE KONGRESA/
CLOSING OF THE CONGRESS**

NEOPHODNE INFORMACIJE

Glavne teme kongresa:

- Korišćenje rezultata pacijenata u medicinskim laboratorijama
- Novi biomarkeri u eri personalizovane medicine
- Uloga biohemijske laboratorije u očuvanju reproduktivnog zdravlja žena
- Unapređenje zdravlja dece kroz laboratorijsku medicinu
- Farmakogenetika u onkologiji
- Nove metode kontrole kvaliteta i određivanja referentnih vrednosti

Okrugli stolovi

Izložba aparata i potrošnih materijala

PLENARNE SEKCIJE

Za usmena izlaganja autorima je na raspolaganju video-bim.

POSTERSKE SEKCIJE

Posterske sekcije održaće se u: SREDU, 14. SEPTEMBRA 2022. godine od 9:00 – 17:30 h.

Za izlaganje postera obezbeđeni su panoi veličine 90 x 120 cm, kao i materijal za postavljanje istih.

Autori su dužni da budu prisutni pored svojih postera od 16:30 do 17:30 h radi diskusije.

PRIJAVA UČESTVOVANJA NA IZLOŽBI

Izložba aparata, opreme i reagenasa održaće se u:

PONEDELJAK, UTORAK i SREDU

12. 13. i 14. SEPTEMBRA 2022. godine u vremenu od 9:00–19:00 h

OPŠTE INFORMACIJE

MESTO ODRŽAVANJA

XXII Kongres medicinskih biohemičara Srbije održaće se od **12–14. septembra 2022. godine** u Beogradu u hotelu Hyatt Regency Beograd.

UPLATA KOTIZACIJE

Svi učesnici kongresa plaćaju kotizaciju.

Kotizacija za učestvovanje na kongresu za domaće učesnike iznosi **20.000,00 dinara (uključen PDV)** odnosno **150 evra za strane učesnike**, ako se uplati do **30. juna 2022. godine**. Ova kotizacija uključuje i prisustvovanje 16th Belgrade Symposium for Balkan Region.

Učesnici koji žele da prisustvuju svečanoj večeri plaćaju **25.000,00 dinara (ili 200 eura) (u iznos je uključen PDV)**.

Učesnici kongresa koji su članovi Društva medicinskih biohemičara Srbije u 2022. godini plaćaju kotizaciju 15.000,00, a ako žele večeru 20.000,00 dinara.

Kotizacije se uplaćuju bez predhodno dostavljene profakture na tekući ili devizni račun Društva:

Tekući račun Društva:

**Društvo medicinskih biohemičara Srbije:
160-375792-34, Banca Intesa, Beograd**

Devizni račun Društva:

**INSTRUCTION FOR CUSTOMER TRANSFERS IN EUR
53, 54 or 56: Correspondent bank
BCITITMM
INTESA SANPAOLO SPA
MILANO
ITALY**

57: Account With Institution:
DBDBRSBG
BANCA INTESA AD BEOGRAD
MILENTIJA POPOVICA 7B
11070 NOVI BEOGRAD
REPUBLIC OF SERBIA

59: Beneficiary Customer:
RS35160005400000238329
EUR DMBS
VOJISLAVA ILICA 94 B / 7
BEOGRAD-VOZDOVAC, REPUBLIC OF SERBIA

Important: Bank transfer fee is not included. It should be paid by the participant.

Izvršiocu uplate biće dostavljena faktura na ime koje se dostavi Sekretarijatu DMBS.

Kotizacija uključuje: kongresni materijal; prisustvovanje sekcijama; koktel na svečanom otvaranju; ručak 13. i 14. septembar (švedski sto), kafe pauze.

ODVIJANJE RADA KONGRESA

Registracija učesnika Kongresa odvijaće se od ponedeljka 12. septembra 2022. godine od 9.00 časova do srede 14. septembra 2022. godine.

Plenarna predavanja, posterske sekcije, izložba opreme i reagenasa, održaće se 12–14. septembra 2022. godine od 9.00 do 19.00 h.

Svečana večera će se održati u utorak, 13. septembra od 20.00 do 23.00 h.

SPONZORI KONGRESA/CONGRESS SPONSORS



HERMES-PHARMA d.o.o.



YOUR TRUSTED PARTNER IN CREATING THE FUTURE

ORGANIZATOR

Društvo medicinskih biohemičara Srbije

Phone: 381 11 3475 183

e-mail: dmbj@eunet.rs

Website: www.dmbj.org.rs