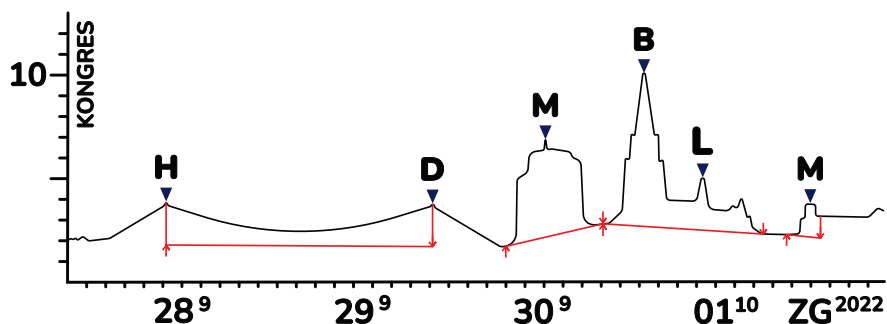




**10. KONGRES
HRVATSKOG DRUŠTVA
ZA MEDICINSKU BIOKEMIJU
I LABORATORIJSKU MEDICINU
S MEĐUNARODNIM
SUDJELOVANJEM**

28. rujna 2022. - 1. listopada 2022.

Podružnica Slavonije i Baranje

**ZAVRŠNI
PROGRAM**

**10th CONGRESS
OF THE CROATIAN SOCIETY
OF MEDICAL BIOCHEMISTRY
AND LABORATORY MEDICINE
WITH INTERNATIONAL
PARTICIPATION**

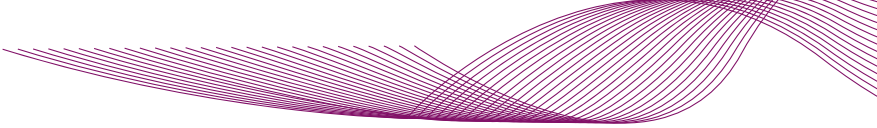
September 28th 2022 - October 1st 2022

The Branch of Slavonija and Baranja

**FINAL
PROGRAM**



INNOVATION THAT REIMAGINES HEALTHCARE



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HGM2022-286



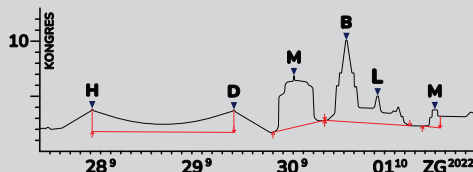
RASPORED KONGRESA

CONGRESS TIMELINE

	SRIJEDA (Wednesday) 28.09.2022.		ČETVRTAK (Thursday) 29.09.2022.		PETAK (Friday) 30.09.2022.		SUBOTA (Saturday) 01.10.2022.			
7:30			I	Registracija (Registration)	I	Registracija (Registration)				
8:00			Z	Pitajte stručnjaka 1 (Meet the expert 1)	Pitajte stručnjaka 2 (Meet the expert 2)	Z			Pitajte stručnjaka 3 (Meet the expert 3)	Pitajte stručnjaka 4 (Meet the expert 4)
8:15			L			L				
8:30			O			O				
8:45			Ž	Stanka (Break)		Ž			Stanka (Break)	
9:00			B	Simpozij 1 (Symposium 1)		B			Simpozij 3 (Symposium 3)	
9:15			A							
9:45							Pitajte stručnjaka 5 (Meet the expert 5)	Pitajte stručnjaka 6 (Meet the expert 6)		
10:00	I Z L O Ž B A (E X H I B I T I O N)		I		I		I Z L O Ž B A (E X H I B I T I O N)	Stanka (Break)		
10:15			Z	Stanka (Break)		Z		Stanka (Break)		
10:45			L	Plenarno predavanje 1 (Plenary lecture 1)		L		Plenarno predavanje 2 (Plenary lecture 2)		
11:00			A							
11:15			G							
11:30			A							
11:45			Č	IR1 (EW1)	IR2 (EW2)	Č		IR5 (EW5)		
12:00			A	Posterska sekcija 1 (Poster session 1)		A		Posterska sekcija 2 (Poster session 2)		
12:30			(							
12:45			E	Stanka za ručak (Lunch break)		E		Stanka za ručak (Lunch break)		
13:30			X			X				
13:45			I	IR3 (EW3)	IR4 (EW4)	I		IR6 (EW6)	IR7 (EW7)	
14:00			Z	Simpozij 2 (Symposium 2)		Z		Simpozij 4 (Symposium 4)		
14:30			L							
14:45			A							
15:00			Č							
15:15	A	Predkongresni simpozij mladih (Young scientists pre-congress symposium)								
15:30										
15:45										
16:00										
16:15										
16:30										
19:00	Otvaranje kongresa (Opening ceremony)									
19:30			Večera za predavače (Lecturers' dinner)		Kongresna večera (Congress dinner)					
20:00	Počasno predavanje (Honorary lecture)									
20:45	Koktel dobrodošlice (Welcome reception)									

Kratice (Abbreviations)	
PKIR Predkongresna industrijska radionica	PCEW Precongress educational workshop
IR Industrijska radionica	EW Educational workshop

Lokacija (Location)		
Velika dvorana (Lecture hall 1)	KRAŠ Restoran (KRAŠ Restaurant)	Predsoblje KRAŠ-a (KRAŠ Atrium)
Mala dvorana (Lecture hall 2)	Izložbeni prostor (Exhibition hall)	Hilton Garden Inn



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**10th CONGRESS
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OF MEDICAL BIOCHEMISTRY
AND LABORATORY MEDICINE
WITH INTERNATIONAL
PARTICIPATION**

SADRŽAJ

CONTENTS

ORGANIZATOR I ODBORI KONGRESA	2	CONGRESS ORGANIZER AND COMMITTEES
PORUKE DOBRODOŠLICE	6	WELCOME MESSAGES
POPIS PREDAVAČA	10	LIST OF LECTURERS
PLENARNI I POČASNI PREDAVAČI	11	PLENARY AND HONORARY LECTURERS
NAGRADE HDMBLM-A	16	CSMBLM ACCOLADES
IZLOŽBENI PROSTOR I POPIS IZLAGAČA	26	EXIBITION LAYOUT AND LIST OF EXIBITORS
ZNANSTVENI PROGRAM	28	SCIENTIFIC PROGRAM
Srijeda 28. rujna 2022.	28	Wednesday Sept 28th 2022
Četvrtak 29. rujna 2022.	29	Thursday Sept 29th 2022
Petak 30. rujna 2022.	32	Friday Sept 30th 2022
Subota 1. Listopada 2022.	34	Saturday Oct 1st 2022
KNJIGA SAŽETAKA	36	ABSTRACTS BOOK
PRIHVAĆENI POSTERSKI SAŽETCI	37	ACCEPTED POSTER ABSTRACTS
INDEX AUTORA	54	AUTHOR INDEX
NAGRADE KONGRESA	59	CONGRESS AWARDS
OPĆE INFORMACIJE	61	GENERAL INFORMATION
SPONZORI I DONATORI	65	SPONSORS AND DONORS



Hrvatsko društvo za medicinsku
biokemiju i laboratorijsku medicinu

Croatian Society of Medical
Biochemistry and Laboratory Medicine

ZNANSTVENI ODBOR

SCIENTIFIC COMMITTEE



Predsjednica/President: Sanja Mandić
Klinički bolnički centar Osijek, Medicinski fakultet Osijek



Lidija Bilić-Zulle
Klinički bolnički centar
Rijeka, Medicinski fakultet
u Rijeci



Željko Debeljak
Klinički bolnički centar
Osijek



Dario Mandić
Klinički bolnički centar
Osijek, Medicinski fakultet
Osijek



Nora Nikolac
Klinički bolnički centar
Sestre Milosrdnice



Dunja Rogić
Klinički bolnički centar
Zagreb, Farmaceutsko-
biokemijski fakultet



Leida Tandara
Klinički bolnički centar
Split, Medicinski fakultet u
Splitu



Predsjednica/President: Vikica Buljanović
Opća bolnica Našice



Vesna Horvat
Klinički bolnički centar
Osijek, Medicinski
fakultet Osijek



Ivana Lapić
Klinički bolnički centar
Zagreb



Iva Lukić
Klinički bolnički centar
Osijek, Medicinski fakultet
Osijek



Maja Lukić
Klinički bolnički centar
Osijek, Medicinski
fakultet Osijek



Ivana Marković
Klinički bolnički centar
Osijek, Medicinski
fakultet Osijek



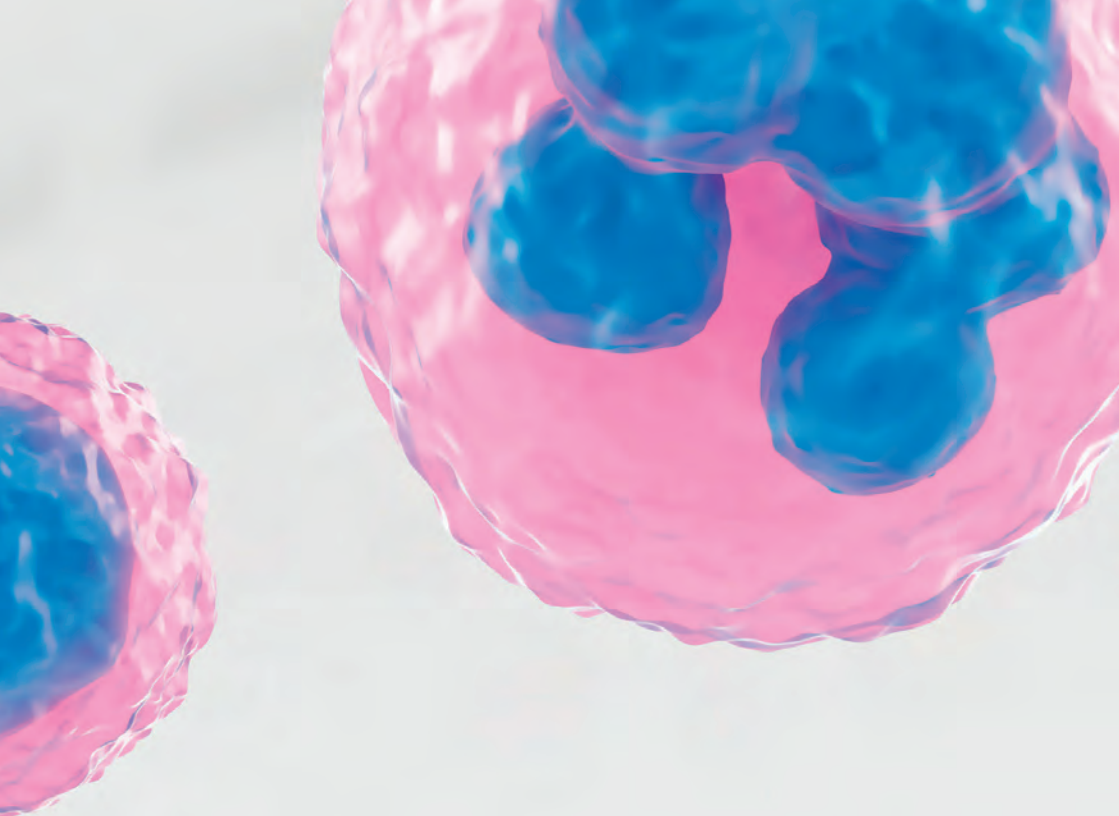
Tihana Pavošević
Klinički bolnički centar
Osijek, Medicinski fakultet
Osijek



Tara Rolić
Klinički bolnički centar Osijek,
Medicinski fakultet Osijek



Ana Turčić
Klinički bolnički centar Zagreb



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**Sanja Mandić, predsjednica
Znanstvenog odbora**

Drage kolegice i kolege, dragi prijatelji, Velika nam je čast i zadovoljstvo u ime Znanstvenog i Organizacijskog odbora pozvati vas na jubilarni 10. kongres Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu s međunarodnim sudjelovanjem. Regija Slavonije i Baranje domaćin je najvećeg i najznačajnijeg znanstveno-stručnog događaja za našu struku koji će se održati u Zagrebu.

Trudili smo se tijekom četiri dana kongresa osigurati znanstvene i stručne teme koje će svojim sadržajem biti dovoljno atraktivne svim sudionicima kongresa. Iako je naglasak kongresa na novim tehnologijama, nastojali smo izbor tema prilagoditi širem interesu struke te pružiti informacije o znanstvenim i stručnim postignućima i iskustvu u različitim područjima laboratorijske medicine. Prilika je to za interakciju i povezivanje s priznatim stručnjacima iz različitih područja koji će dati prikaz aktualnih tema u vidu plenarnih predavanja, simpozija i interaktivnih



**Vikica Buljanović, predsjednica
Organizacijskog odbora**

Dear colleagues, dear friends, It is our great honor and pleasure to invite you on behalf of the Scientific and Organizational Committee to the 10th jubilee congress of the Croatian Society of Medical Biochemistry and Laboratory Medicine with international participation. The region of Slavonia and Baranja is hosting the largest and most significant scientific and professional event for our profession, which will be held in Zagreb. During the four days of the congress, we tried to provide scientific and professional topics that would be sufficiently attractive to all congress participants. Although the emphasis of the congress is on new technologies, we tried to adapt the choice of topics to the wider interest of the profession and to provide information about scientific and professional achievements and experience in different fields of laboratory medicine. It is an opportunity to interact and connect with recognized experts from different fields who will present current topics in the form of

sekcija s ciljem stjecanja novih znanja te njihovoj primjeni u svakodnevnom radu. Po prvi puta se organizira Predkongresni simpozij mladih s ciljem okupljanja mladih stručnjaka koji su svojim radom ostvarili značajna postignuća. Pozivamo sve, a osobito mlađe kolege da nam se pridruže kako bi kroz inspirativna predavanja dobili poticaj za nove ideje. Naši IVD partneri velikodušno su podržali ovaj skup i pripremili brojne radionice uz impozantan izložbeni prostor gdje tijekom održavanja kongresa imate priliku vidjeti najnovija tehnološka dostignuća.

Nadamo se da ćete uživati u znanstvenom programu te imati prilike razmijeniti iskustva i uspostaviti buduće suradnje. Također se radujemo prilikama za zajedničko druženje na društvenim događanjima nakon ovih izazovnih godina.

Želim vam svima srdačnu dobrodošlicu i uspješan kongres!

plenary lectures, symposia and interactive sections with the aim of acquiring new knowledge and applying it in everyday work. For the first time, the Pre-Congress Youth Symposium is being organized with the aim of gathering young experts who have made significant achievements with their work. We invite everyone, especially younger colleagues, to join us in order to get an incentive for new ideas through inspiring lectures.

Our IVD partners generously supported this gathering and prepared numerous workshops with an impressive exhibition space where you have the opportunity to see the latest technological achievements during the congress.

We hope that you will enjoy the scientific program and have the opportunity to exchange experiences and establish future collaborations. We also look forward to opportunities to spend time together at social events after these challenging years.

We wish you all a warm welcome and a successful congress!



Daria Pašalić
Predsjednica HDMBLM/CSMBLM president

Poštovane kolegice i kolege,
Dragi prijatelji,

Iznimno mi je drago što vam nakon prošlogodišnje odgode mogu poželjeti dobrodošlicu na 10. kongresu Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu.

Kao i svakog puta do sada, cilj je ovogodišnjeg Kongresa okupiti magistre i specijaliste, znanstvenike, istraživače iz širokog spektra područja medicinske biokemije i laboratorijske medicine te pružiti mogućnosti za razmjenu iskustava i daljnje širenje znanja. Fokus 10. kongresa HDMBLM 2022 biti će i dalje na našim tradicionalnim temama s ciljem da na jednom mjestu prikazemo sve novosti u praksi i znanosti, razmijenimo svoja znanja i iskustva, naučimo nešto novo.

Prilika je ovo da čujemo predavanja i znanstvena dostignuća naših stručnjaka magistra i specijalista medicinske biokemije i laboratorijske medicine kao i dio naših dragih prijatelja iz inozemstva, a uz pomoć naših partnera, predstavnika industrije, bit će prikazana najnovija

Dear Colleagues,
Dear Friends,

It is my great pleasure, following the last year's postponement, to welcome all of you to the 10th Congress of the Croatian Society of Medical Biochemistry and Laboratory Medicine.

Continuously, the Congress aims to bring together laboratory specialists, scientists, and industry colleagues in the field of medical biochemistry and laboratory medicine and to provide opportunities for acquiring new knowledge and information exchange. The 10th Congress will continue to pay attention to our long-established topics in order to present in one place the latest technological advancements, to share knowledge and experiences, and to learn something new.

This is an opportunity to listen to lectures by experts and specialists in medical biochemistry and laboratory medicine as well as some of our dear friends from abroad who will also present the latest scientific and

tehnološka rješenja u laboratorijskoj medicini. Vjerujem da ćemo i nakon ovog kongresa biti bogatiji za nove ideje i spoznaje koje ćete moći primijeniti u svojim laboratorijima, ali i da će vas potaknuti na znanstveno-istraživački rad.

Vidimo se u Zagrebu, nadam se u što većem broju.

technological achievements with the help of our partners, industry colleagues. I am convinced that this Congress will be a valuable source of new insights and that you will gain knowledge which will improve your everyday laboratory practice, but also encourage you to engage into scientific research.

Looking forward to seeing many of you in Zagreb



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POPIS PREDAVAČA

POČASNI PREDAVAČ | HONORARY LECTURER

Korado Korlević (Višnji, Croatia)

VODITELJI SIMPOZIJA | SYMPOSIA CHAIRS

Lidija Bilić-Zulle (Rijeka, Croatia)

Željko Debeljak (Osijek, Croatia)

Ivana Lapić (Zagreb, Croatia)

Dario Mandić (Osijek, Croatia)

PREDAVAČI | LECTURERS

Ada Aita (Padova, Italy)

Iva Bilandžija Kuš (Zagreb, Croatia)

Lidija Bilić-Zulle (Rijeka, Croatia)

Željko Debeljak (Osijek, Croatia)

Katja Dumić Kubat (Zagreb, Croatia)

Bojan Hadžisejdić (Zagreb, Croatia)

Vesna Horvat (Osijek, Croatia)

Darko Kaštelan (Zagreb, Croatia)

Ivana Lapić (Zagreb, Croatia)

Iva Lukić (Osijek, Croatia)

Dario Mandić (Osijek, Croatia)

Sanja Mandić (Osijek, Croatia)

Ena Melvan (Split, Croatia)

Marijana Miler (Zagreb, Croatia)

Lara Milevoj Kopčinović (Zagreb, Croatia)

SEKCIJA „PITAJTE STRUČNJAKA“ | MEET THE EXPERT SESSION

VODITELJI | CHAIRS

Željko Debeljak (Osijek, Croatia)

Dario Mandić (Osijek, Croatia)

Sanja Mandić (Osijek, Croatia)

Lara Milevoj Kopčinović (Zagreb, Croatia)

Nora Nikolac Gabaj (Zagreb, Croatia)

Vesna Šupak Smolčić (Rijeka, Croatia)

PLENARNI PREDAVAČI | PLENARY LECTURERS

Sverre Sandberg (Bergen, Norway)

Ana-Maria Šimundić (Zagreb, Croatia)

Sanja Mandić (Osijek, Croatia)

Nora Nikolac Gabaj (Zagreb, Croatia)

Dunja Rogić (Zagreb, Croatia)

Leida Tandara (Split, Croatia)

Marija Miloš (Zagreb, Croatia)

Nora Nikolac Gabaj (Zagreb, Croatia)

Mario Plebani (Padova, Italy)

Margareta Radić Antolic (Zagreb, Croatia)

Ivana Rako (Zagreb, Croatia)

Dunja Rogić (Zagreb, Croatia)

Tara Rolić (Osijek, Croatia)

Vatroslav Šerić (Osijek, Croatia)

Mario Štefanović (Zagreb, Croatia)

Vesna Šupak Smolčić (Rijeka, Croatia)

Leida Tandara (Split, Croatia)

Ana Turčić (Zagreb, Croatia)

Orjena Žaja (Zagreb, Croatia)

STRUČNJACI | EXPERTS

Lidija Bilić-Zulle (Rijeka, Croatia)

Jasna Leniček Krleža (Zagreb, Croatia)

Daria Pašalić (Zagreb, Croatia)

Vladimira Rimac (Zagreb, Croatia)

Leida Tandara (Split, Croatia)

Marijan Tandara (Split, Croatia)

Ana Turčić (Zagreb, Croatia)



10:45 – 11:30 (Dvorana 1)

10:45 – 11:30 (Lecture hall 1)

29. rujna 2022

September 29th 2022

Je li vanjska kontrola kvalitete korisna?

Is external quality control useful?

Prof. dr. med. Sverre Sandberg

Profesor Sverre Sandberg voditelj je Norveške organizacije za unaprjeđenje kvalitete laboratorija primarne zdravstvene zaštite (NOKLUS) i Norveškog centra za porfirije (NAPOS).

U svojoj profesionalnoj karijeri bio je predsjednik Odbora za laboratorijsku medicinu utemeljenu na dokazima (C-EBLM) pri Međunarodnoj federaciji za kliničku kemiju (IFCC), predsjednik Europske organizacije za vanjske pružatelje osiguranja kvalitete u laboratorijskoj medicini (EQALM), predsjednik Europske federacije za laboratorijsku medicinu (EFLM) te član izvršnog odbora IFCC-a. Trenutačno obnaša dužnosti predsjednika Europske mreže porfirija (EPNET), predsjednika vijeća Međunarodnog konzorcija za harmonizaciju kliničkih laboratorijskih rezultata (ICHCLR) te je voditelj radne grupe Baza podataka o biološkim varijacijama pri EFLM-u. Autor je više od 430 publikacija te poglavlja u stručnoj literaturi te pozvani predavač na brojnim međunarodnim znanstvenim i stručnim skupovima.

Professor Sverre Sandberg is director of the Norwegian Quality Improvement of Laboratory examinations (NOKLUS) and the Norwegian Porphyria Centre (NAPOS). He has been Chair of the Committee on Evidence-Based Laboratory Medicine in IFCC, president of the European Organization for External Quality Assurance Providers in Laboratory Medicine (EQALM), president of the European Federation of Clinical chemistry and Laboratory Medicine, EFLM and board member of IFCC. He is currently the president of the European Porphyria Network Association (EPNET) and chair of the council of ICHCLR. He is chair of the TG of the biological variation database. He has written more than 430 papers in peer reviewed journals, has written book-chapters and given lectures in porphyria, evidence-based laboratory medicine, quality improvement of point of care instruments, biological variation, analytical performance specifications.



10:45 – 11:30 (Dvorana 1)

10:45 – 11:30 (Lecture hall 1)

30. rujna 2022

September 30th 2022

**U svakom medicinskom
biokemičaru skriva se
lider. Probudimo ga!**

**There is a leader in every
specialist in laboratory
medicine. Let's wake him
up!**

Prof. dr. sc. Ana-Maria Šimundić

Prof. dr. sc. Ana-Maria Šimundić je Ravnateljica Kliničke bolnice Sveti Duh u Zagrebu i Pročelnica Zavoda za medicinsko-laboratorijsku dijagnostiku. Bivša je članica Izvršnog odbora Internacionalne federacije za kliničku kemiju i laboratorijsku medicinu (IFCC) i bivša predsjednica Europske federacije za laboratorijsku medicinu (EFLM) te Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu (HDMBLM). Vodila je radnu grupu za predanalitiku (EFLM WG-PRE), EFLM Syllabus (EFLM TG-ESC) te radnu grupu za hemolizu, lipemiju i ikteriju (EFLM Task and Finish Group: Hemolysis, Icterus and Lipemia (HIL) interference). Sada je ekspert/konzultant radne grupe za predanalitiku u EFLM. Bila je Glavna urednica časopisa Biochemia Medica i članica je Uredničkih odbora nekoliko časopisa. Autorica je više od 170 znanstvenih radova, 25 poglavlja u raznim priručnicima i knjigama i kao pozvani predavač gostovala je na više od 90 domaćih i međunarodnih znanstvenih i stručnih skupova.

Prof. Ana-Maria Šimundić, PhD, EuSpLM, is the President of the Sveti Duh Clinical Hospital in Zagreb and the Head of the Department of Medical Laboratory Diagnostics. She is a former member of the Executive Board of the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) and the former President of the European Federation of Laboratory Medicine (EFLM) and the Croatian Society for Medical Biochemistry and Laboratory Medicine (HDMBLM). She was a Chair of the Pre-Analytical Working Group (EFLM WG-PRE), the EFLM Syllabus (EFLM TG-ESC) and the Working Group on Hemolysis, Icterus and Lipemia (EFLM Task and Finish Group: Hemolysis, Icterus and Lipemia (HIL) interference). Today, she is an expert/consultant to the EFLM Pre-Analytics Working Group. She was the Editor-in-Chief of the Biochemia Medica Journal and a member of the Editorial Board of several journals. She is the author of more than 170 scientific papers, 25 chapters in various manuals and books and so far, she was an invited speaker at more than 90 domestic and international scientific and professional conferences.



Svečano otvorenje
(Dvorana 1)

Opening ceremony
(Lecture hall 1)

38. rujna 2022

September 28th 2022

Korado Korlević, prof.

Korado Korlević jedan je od vodećih hrvatskih astronoma i pokretača zvezdarnice Višnjan, koja je početkom prošle godine pretekla NASA-u te postala vodeća na svijetu po praćenju asteroida. Gorljivi je zagovornik temeljnih društvenih promjena kao i nužnih pretpostavka za bolju budućnost te je pokretač mnogih edukacijskih projekata u Hrvatskoj u tom području. Završio je Pedagoški fakultet na Sveučilištu u Rijeci te potaknut problematikom srazova Zemlje s asteroidima i kometima, potiče aktivnosti vezane uz istraživanja malih tijela Sunčeva sustava, što rezultira i prvim otkrićima asteroida i kometa iz Republike Hrvatske. Korado je otkrio više od 1400 malih planeta (asteroida), a sudjelovao je i otkrivanju dvaju kometa. Od 1993. godine radi kao voditelj edukacijskih i znanstvenih aktivnosti pri zvezdarnici Višnjan. Uz pedagoški rad, objavio je i mnogo znanstvenih i znanstveno-popularnih radova u zemlji i inozemstvu.

Korado Korlević is one of the leading Croatian astronomers and founder of the Višnjan Observatory, which in early 2019 has overtaken NASA to become the most successful observatory in exploring asteroids. He strongly advocates fundamental social changes with the aim for a more prosperous and righteous future, and continuously works for the benefit of the local community and beyond. He is also the initiator of many educational programs in Croatia in the field of astronomy. He graduated from The Faculty of Teacher Education at the University of Rijeka. His interest in astronomy and collision of Earth with asteroids and comets resulted in many activities related to exploring small bodies of the solar system and finally led to discovery of the first asteroids and comets in Croatia. Korado discovered more than 1400 asteroids, and participated in the discovery of two comets. Since 1993, he has been working as the director of the Science and Education Centre at the Višnjan Observatory. Besides teaching, he also published numerous scientific papers.



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NAGRADA ZA ŽIVOTNO DJELO

LIFE ACHIEVEMENT AWARD

Prof. emer. dr. sc. Ivana Čepelak

Ivana Čepelak rođena je u Suhopolju 16. prosinca 1946. Gimnaziju je završila u Vinkovcima, a stručnu i znanstvenu izobrazbu stjecala je na Farmaceutsko-biokemijskom fakultetu (FBF) Sveučilišta u Zagrebu, gdje je na smjeru Medicinske biokemije diplomirala 1970., magistrirala 1976. i doktorirala 1982. Tijekom 1983. godine bila je na stručnom usavršavanju iz enzimologije na Martin-Luther Universität Halle-Wittenberg u Njemačkoj. Specijalistički ispit iz Medicinske biokemije položila je 1990. godine.

Kao nadarena studentica počela je raditi na FBF-u 1970., na Zavodu za medicinsku biokemiju i hematologiju gdje je radila sve do umirovljenja 2012.g. U znanstvenog asistenta izabrana je 1978., znanstvenog suradnika i docenta 1985., višeg znanstvenog suradnika i izvanrednog profesora 1993., redovitog profesora 1998. te u trajno zvanje redovitog profesora Medicinske biokemije 2003. godine. FBF je prof. Čepelak 2014. godine izabrao u zvanje Profesorice Emerite Sveučilišta u Zagrebu. Bila je dugogodišnja voditeljica poslijediplomskog specijalističkog studija "Medicinska biokemija i

Ivana Čepelak was born in Suhopolje on December 16th, 1946. She completed her high school education in Vinkovci. She graduated with a degree in medical biochemistry in 1970 at the Faculty of Pharmacy and Biochemistry (FPB) of the University of Zagreb, earning her Master's degree in 1976 and her PhD in 1982. During 1983, she attended a professional training in enzymology at the Martin-Luther University Halle-Wittenberg in Germany. She completed the postgraduate specialist program in medical biochemistry in 1990.

She started working at the FPB in 1970, at the Department of Medical Biochemistry and Hematology, where she worked until her retirement in 2012. She was elected Scientific Assistant in 1978, Scientific Associate and Assistant Professor in 1985, Senior Scientific Associate and Associate Professor in 1993, Full Professor in 1998, and Permanent Professor of Medical Biochemistry in 2003. In 2014, Prof. Čepelak has been granted an honorary status of Professor Emeritus from the University of Zagreb. She was the head of the post-graduate specialist study "Medical Biochemistry and Laboratory Medicine" for many years

laboratorijska medicina" te kreator i voditeljica doktorskog studija Farmaceutsko biokemijske znanosti (modul Medicinska biokemija). Osnivač je katedre "Medicinska kemija i biokemija" na Medicinskom fakultetu u Mostaru i voditelj sve do 2015. godine. Aktivnosti prof. Ivane Čepelak na FBF-u i Sveučilištu u Zagrebu bile su brojne: bila je prodekanica za znanost FBF-a u nekoliko mandata od 1991.-1995. te 1999.-2003., predsjednica Povjerenstva za znanstveni rad i predsjednica Etičkog povjerenstva, članica Povjerenstva za studentsku praksu, članica Nastavnog povjerenstva i predstojnica Odsjeka za biomedicinske znanosti, članica Matičnog povjerenstva za Biomedicinu i zdravlje Sveučilišta u Zagrebu, članica Nacionalnog vijeća za znanost Republike Hrvatske i Područnog znanstvenog vijeća iz Biomedicine i zdravlja, član Povjerenstva za procjenu udžbenika Ministarstva znanosti i obrazovanja i sporta, član Upravnog vijeća Hrvatskog zavoda za kontrolu lijekova i dr. Mentor je pet doktorskih disertacija, devet magistarskih radova i pedesetak diplomskih radova.

Istraživačku aktivnost usmjerila je na područje enzimologije, praćenje i određivanje učinaka lijekova, ksenobiotika i toksina, istraživanja učinaka oksidacijskog stresa kao i čimbenika nastanka komplikacija u kroničnim bolestima. Prof. Čepelak je tijekom karijere objavila oko 170 znanstvenih i stručnih radova. Autor je i koautor 3 sveučilišna udžbenika, 6 internih priručnika za studente FBF-a i 1

and the creator and head of the PhD study in Pharmaceutical Biochemistry (Medical Biochemistry module). She is the founder of the "Medical Chemistry and Biochemistry" department at the Faculty of Medicine in Mostar and was the head of the Department until 2015.

Prof. Čepelak's numerous activities at the FPB and the University of Zagreb included: vice-dean for science at the FPB between 1991 and 1995 and between 1999 and 2003, President of the Committee for Scientific Work and President of the Ethics Committee, member of the Committee for Student Practice, member of the Teaching Committee and head of the Department of Biomedical Sciences, member of the Committee for Biomedicine and Health of the University of Zagreb, member of the National Science Council of the Republic of Croatia and the Regional Scientific Council in Biomedicine and Health, member of the Commission for the Evaluation of Textbooks of the Ministry of Science, Education and Sports, member of the Administrative Council of the Croatian Institute for Drug Control, etc. She mentored five doctoral dissertations, nine master's theses and over fifty graduate theses.

She focused her research activity on the field of enzymology, monitoring and determining the effects of drugs, xenobiotics and toxins, researching the effects of oxidative stress as well as the factors causing complications in chronic diseases. During her career, Prof. Čepelak published around 170 scientific and professional papers. She is the author and co-author of 3

za studente Medicinskog fakulteta u Mostaru. Organizatorica je i aktivna sudionica brojnih domaćih i međunarodnih kongresa i simpozija medicinskih biokemičara. Bila je aktivna članica časopisa: Biochemia Medica, Medicus, Farmaceutski glasnik i još uvijek je član Uredništva časopisa RAD Hrvatske akademije znanosti i umjetnosti.

2008. godine dodijeljena joj je Državna nagrada za znanost. 2009. g. HDMBLM joj je dodijelilo odličje „Marijana Fišer Herman“, dok joj je FBF 2012. g. dodijelio Priznanje za osobni doprinos u djelovanju, razvoju i promicanju ugleda Fakulteta. Uz to je vlasnica brojnih Povelja i Zahvalnica za sudjelovanje u različitim oblicima rada Društva i Komore.

Prof. Čepelak bila je aktivna članica HDMBLM (predsjednik Komisije za dodjelu odličja, članica Povjerenstva za kontrolu kvalitete rada laboratorija RH, član glavnog odbora HDMBLM, član Povjerenstva za edukaciju) te je obnašala brojne funkcije u Hrvatskoj komori medicinskih biokemičara (predsjednik Komisije za trajnu edukaciju, član izvršnog odbora, članica ekspertne skupine za enzime, članica Povjerenstva za izradu dokumenta kompetencija magistara i specijalista medicinske biokemije i laboratorijske medicine, i dr.).

university textbooks and 7 internal students' manuals. She organized and participated in numerous national and international congresses of medical biochemists. She was an active member of Biochemia Medica, Medicus, and Farmaceutski glasnik journals and is still a member of the editorial board of the Croatian Academy of Sciences and Arts journal.

In 2008, she was awarded the State Prize for Science. In 2009, the CSMBLM awarded her with the "Marijana Fišer Herman" award and in 2012, the FPB awarded her an award for personal contribution to the operation, development and promotion of the Faculty's reputation. She was awarded numerous Charters and Accolades for continuing involvement in CSMBLM and the Chamber.

Prof. Čepelak was an active member of the CSMBLM (President of the Awarding Commission and member of: the Committee for Quality Control of Laboratory Work, CSMBLM main board, the Education Commission) and held numerous positions in the Croatian Chamber of Medical Biochemists (President of the Continuing Education Commission, member of the executive board, the expert group for enzymes and the Committee for the preparation of the document of competencies of masters and specialists in medical biochemistry and laboratory medicine).



NAGRADA MARIJANA FIŠER HERMAN

MARIJANA FIŠER HERMAN ACCOLADE

Prof. dr. sc. Ana-Maria Šimundić

Ana-Maria Šimundić rođena je u Zagrebu 6. rujna 1969. godine. Stručnu i znanstvenu izobrazbu stjecala je na Farmaceutsko-biokemijskom fakultetu sveučilišta u Zagrebu, gdje je na smjeru Medicinske biokemije diplomirala 1994., magistrirala 2000. i doktorirala 2003. godine. Poslijediplomski studij Management u zdravstvu završila je 2004. godine na Medicinskom fakultetu Sveučilišta u Zagrebu. Specijalistički ispit iz medicinske biokemije položila je 2005. godine.

Karijeru je započela na Kliničkom zavodu za kemiju KBC Sestre milosrdnice, gdje je bila zaposlena od 1995.-2015. godine. Usavršavala se na University of Connecticut Health Center u Farmingtonu u SAD. 2015. godine prof. Šimundić imenovana je Pročelnicom Zavoda za medicinsko laboratorijsku dijagnostiku KB Sveti Duh, dok od 2022. godine obnaša dužnost ravnateljice KB Sveti Duh.

Na Farmaceutsko biokemijskom fakultetu je stekla znanstveno-nastavno zvanje naslovne redovne profesorice. Od 2007. godine sudjeluje kao voditelj kolegija ili predavač u okviru diplomskog, poslijediplomskog i doktorskog

Ana-Maria Šimundić was born in Zagreb on September 6th, 1969. She received her professional and scientific degrees from the Faculty of Pharmacy and Biochemistry (FPB), University of Zagreb, where she graduated in Medical Biochemistry in 1994, received her Master's degree in 2000, and her PhD in 2003. In 2004, she completed her postgraduate studies in Healthcare Management at the School of Medicine of the University of Zagreb. She completed the postgraduate specialist program in medical biochemistry in 2005. She started her career at the Clinical Institute for Chemistry of the Sestre Milosrdnice University Hospital Center, where she worked between 1995 and 2015. She pursued her further scientific training at the University of Connecticut Health Center in Farmington, USA. In 2015, Prof. Šimundić was appointed Head of the Institute for Medical Laboratory Diagnostics of the Clinical Hospital Sveti Duh, and from 2022 she holds the position of Director of the Clinical Hospital Sveti Duh.

At the FPB, she earned the Full Professor scientific and teaching title. Since 2007, she is participating as a lecturer and

sveučilišnog studija na FBF Sveučilišta u Zagrebu, te je bila predavač na Međunarodnom Sveučilištu u Dubrovniku i Medicinskom fakultetu Sveučilišta u Rijeci u okviru poslijediplomskog specijalističkog studija Menadžment kvalitete u zdravstvu, na Farmaceutskom fakultetu Sveučilišta u Tuzli u okviru doktorskog studija te na Studiju Forenzike Sveučilišta u Splitu. Mentor je šest disertacija, jednog magistarskog rada, te 15 diplomskih radova.

Prof. Šimundić je autorica više od 170 znanstvenih radova te više od 25 poglavlja u raznim priručnicima i knjigama. Kao pozvani predavač gostovala je na više od 90 domaćih i međunarodnih znanstvenih i stručnih skupova. Urednica je i recenzent u domaćim i međunarodnim časopisima, a u časopisu *Biochemia Medica* od 2011.-2017. godine obnašala je ulogu Glavne urednice. Bila je voditeljica dvaju znanstvenih projekata te suradnica na šest projekata, domaćih i međunarodnih. Za svoj je rad dobila 2000. godine Godišnju nagradu Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu (HDMBLM) za najboljeg znanstvenog novaka, 2002. godine IFCC Roche Diagnostic Award, 2011. godine Godišnju nagradu HDMBLM za najbolji znanstveni rad, 2012. godine nagradu Slovačkog društva za laboratorijsku medicinu Per Hytøft Petersen Award. 2015. godine imenovana u 100 najutjecajnijih znanstvenika u toj godini, te 2019. i 2020. godine uvrštena u 2% najcitanijih svjetskih znanstvenika.

Prof. Šimundić članica je Hrvatske Komore medicinskih biokemičara i

course leader in graduate, postgraduate and doctoral studies at the FPB of the University of Zagreb. She was a lecturer at the International University in Dubrovnik and the Faculty of Medicine, University of Rijeka in the postgraduate specialist study Quality Management in Health Care, the Faculty of Pharmacy at the University of Tuzla as part of her doctoral studies and at the Forensic Studies, University of Split. She is the supervisor of six PhD theses, one master's thesis, and 15 graduate theses.

Prof. Šimundić is the author of more than 170 scientific papers and more than 25 chapters in various manuals and books. As an invited speaker, she attended more than 90 national and international scientific and professional meetings. She is an editor and reviewer in national and international journals. She was the Editor-in-Chief of the journal *Biochemia Medica* between 2011 and 2017. She was the leader of two scientific projects and a collaborator on six national and international projects.

For her work, she received the CSMBLMs' the Annual Award for the best scientific newcomer in 2000, the IFCC Roche Diagnostic Award in 2002, the CSMBLM Annual Award for the best scientific work in 2011, and the Slovakian Award in 2012 society for laboratory medicine Per Hytøft Petersen Award. In 2015, she was named one of the 100 most influential scientists of that year, and in years 2019 and 2020, she was among the 2% of the world's most cited scientists.

Prof. Šimundić is a member of the Croatian Chamber of Medical Biochemists (CCMB) and CSMBLM,

HDMBLM-a gdje je obnašala dužnost Predsjednice od 2012.-2018. g. 2020. – 2021. bila je Predsjednica Europske federacije za laboratorijsku medicinu (EFLM), a 2011. – 2017. tajnik EFLM-a.

Ekspert/konzultant je radne grupe za predanalitiku EFLM WG-PRE, voditeljica radne grupe za interferenciju hemolize, lipemije i ikterije, voditeljica radne grupe za hemolizu, lipemiju i ikteriju i voditeljica radne grupe za EFLM Syllabus u EFLM. Članica je Izvršnog odbora Internacionalne federacije za kliničku kemiju (IFCC) te Savjetodavnog odbora španjolskog znanstvenog časopisa *Advances in Laboratory Medicine*. Članica je uredničkog odbora časopisa *Clinical Chemistry and Laboratory Medicine*, *Romanian Review of Laboratory Medicine*, *Folia Medica Copernicana* te *Annals of Clinical Biochemistry*. Članica je International Advisory Board časopisa *Biochimica Clinica*, *International Journal of Medical Biochemistry*, *Advances in Laboratory Medicine* i počasni urednik časopisa *Biochemia Medica*. Kroz godine rada i djelovanja, bila je član i voditelj mnogih drugih Povjerenstava i radnih grupa.

where she held the position of President between 2012 and 2018. In 2020-2021, she was the President of the European Federation of Laboratory Medicine (EFLM), and between 2011 and 2017, she was the EFLM Secretary.

She is an expert/consultant of the EFLM Pre-Analytics Working group, the head of the Working group for hemolysis, lipemia and icterus, the head of the Working group for hemolysis, lipemia and icterus interference, and the head of the EFLM Syllabus Working group in EFLM. She is a member of the Executive Board of the International Federation of Clinical Chemistry (IFCC) and the Advisory Board of the Spanish scientific journal *Advances in Laboratory Medicine*. She is a member of the editorial board of *Clinical Chemistry and Laboratory Medicine*, *Romanian Review of Laboratory Medicine*, *Folia Medica Copernicana* and *Annals of Clinical Biochemistry*. She is a member of the International Advisory Board of *Biochimica Clinica*, *International Journal of Medical Biochemistry*, *Advances in Laboratory Medicine* and honorary editor of *Biochemia Medica*. Through the years of her work and activity, she was a member and leader of many other commissions and working groups.



NAGRADA IBRAHIM RUŽDIĆ

IBRAHIM RUŽDIĆ ACCOLADE

Doc. dr. sc. Lorena Honović

Lorena Honović rođena je u Puli 5. srpnja 1963. godine gdje je završila osnovnoškolsko i srednjoškolsko obrazovanje.

Studij medicinske biokemije završila je na Farmaceutsko-biokemijskom fakultetu (FBF) Sveučilišta u Zagrebu 1987., znanstveni poslijediplomski studij iz Medicinske biokemije 1989., magistrirala je 1992. i doktorirala 2001. godine. Specijalistički ispit iz medicinske biokemije položila je 1998. godine. 2006. godine završila je Međunarodni studij menadžmenta u zdravstvu na Medicinskom fakultetu Sveučilišta u Zagrebu.

Radila je na Katedri za biokemiju FBF-a od 1987.-1990.g. Pripravnički staž odradila je u OB Sveti Duh 1992.g. Od 1993.-1994.g. radila je u Zavodu za laboratorijsku dijagnostiku KBC Rijeka, a od 1995. do danas na Odjelu za laboratorijsku dijagnostiku OB Pula (rukovoditelj od 2004.). 1988. boravila je na Sveučilištu u Padovi, Dipartimento di Scienze Farmaceutiche, zahvaljujući jednomjesečnoj stipendiji.

Na Odjelu za prirodne i zdravstvene studije Sveučilišta Jurja Dobrile u Puli je stekla znanstveno-nastavno zvanje

Lorena Honović was born in Pula on July 5th, 1963, where she completed her elementary and high school education.

She completed her studies in medical biochemistry at the Faculty of Pharmacy and Biochemistry (FPB) of the University of Zagreb in 1987, scientific postgraduate studies in medical biochemistry in 1989, her Master's degree in 1992 and her PhD in 2001. She completed the postgraduate specialist program in medical biochemistry in 1998. In 2006, she completed the International Study of Health Management at the Faculty of Medicine, University of Zagreb.

She worked at the Department of Biochemistry at the FPB between 1987 and 1990. She completed her internship at the General Hospital Sveti Duh in 1992. From 1993 till 1994 she worked at the Department of Laboratory Diagnostics at the Clinical Hospital Center Rijeka, and from 1995 to present at the Department of Laboratory Diagnostics at the General Hospital Pula (Head of the Department since 2004). In 1988, she stayed at the University of Padua, Dipartimento di Scienze Farmaceutiche.

docenta biomedicine i zdravstva. Predavač je i nositelj kolegija na Preddiplomskom studiju za medicinske sestre Sveučilišta Jurja Dobrile u Puli od 2014. godine. Bila je predavač na Studiju za medicinske sestre i fizioterapeute Univerziteta u Zenici, Stručnom studiju za medicinsko-laboratorijske inženjere Veleučilišta u Rijeci te stručni suradnik u nastavi FBF-a.

Doc. Honović je autorica i koautorica više od 30 znanstvenih radova, brojnih kongresnih priopćenja, 11 tekstova u Priručnicima tečaja trajne edukacije medicinskih biokemičara te recenzentica više njih. Kao pozvani predavač gostovala je na više od dvadesetak domaćih i međunarodnih znanstvenih i stručnih skupova. Radila je na povećanju kliničke učinkovitosti laboratorijskih pretraga s ciljem boljeg ishoda liječenja i sigurnosti bolesnika te je brojnim istupima i emisijama u različitim medijima doprinijela promociji i prepoznatljivosti struke.

Za svoj je posterski rad dobila 1997. godine stipendiju znanstvenog odbora XVI internacionalnog kongresa "Thrombosis and Haemostasis" u Firenzi.

Doc. Honović je aktivna članica Hrvatske komore medicinskih biokemičara (HKMB) i Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu (HDMBLM). Bila je predavač na devet tečajeva trajne edukacije HKMB, od kojih je dva bila i voditeljica. Svoj doprinos radu HDMBLM dala je kroz rad u Radnim skupinama pri izradi nacionalnih preporuka za gestacijski dijabetes, kronične bubrežne bolesti i

At the Department of Natural and Health Studies at the Jurja Dobrila University in Pula, she earned the title Assistant Professor in the field of biomedicine and health. Since 2014, she has been a lecturer and course leader at the Undergraduate Study for Nursing at the Jurja Dobrila University in Pula. She was a lecturer at the Study for Nurses and Physiotherapists at the University of Zenica, the Professional Study for Medical and Laboratory Engineers at the Polytechnic in Rijeka, and a professional associate at the FPB.

She is the author and co-author of more than 30 scientific papers, numerous congress abstracts, 11 texts in the manuals for the continuing education courses for medical biochemists. As an invited lecturer, she attended more than twenty national and international scientific and professional meetings. She worked to increase the clinical efficiency of laboratory tests with the aim of better treatment outcomes and patient safety, and contributed to the professions' promotion and recognition through numerous presentations and broadcasts in various media.

In 1997, she received a scholarship from the Scientific Committee of the XVI international congress "Thrombosis and Hemostasis" in Florence for her poster. Asst.Prof. Honović is an active member of the Croatian Chamber of Medical Biochemists (CCMB) and the Croatian Society for Medical Biochemistry and Laboratory Medicine (CSMBLM). She was an invited lecturer at nine CCMB education courses, and organized two. She made her contribution to the work of

poslije analitičku fazu laboratorijskog rada. Također je sudjelovala u organizaciji znanstvenih skupova kao član organizacijskog i znanstvenog odbora.

Uz medicinsku biokemiju i laboratorijsku medicinu nezaobilazno je njeno bavljenje muzikom. Bila je dugogodišnji član harmonikaškog orkestra OKUD Istra iz Pula, te član akademskog zbora „Ivan Goran Kovačić“ iz Zagreba. Voli amaterski slikati i čitati krimiće.

the CSMBLM by participating in the Working Groups and preparing national recommendations for gestational diabetes, chronic kidney disease and the post-analytical phase of laboratory work. She also participated in the organization of scientific meetings as a member of Organizing and Scientific Committees.

Along with the medical biochemistry and laboratory medicine, it is inevitable to mention her involvement in music. She was a long-time member of the accordion orchestra OKUD Istra from Pula and a member of the academic choir "Ivan Goran Kovačić" from Zagreb. She likes amateur painting and reading crime stories.

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So patients can get back to what matters most to them.

*Alinity i TBI is used in conjunction with other clinical information.

REFERENCES: 1. Alinity i TBI H22974R01. Instructions for use. Abbott Ireland Diagnostics Division. Sligo, Ireland; October 2021. 2. Data on file at Abbott. 3. Bazarian JJ, Biberthaler P, Welch RD, et al. Serum GFAP and UCH-L1 for prediction of absence of intracranial injuries on head CT (ALERT-TBI): a multicentre observational study. *Lancet Neurol.* 2018;17(9):782-789. doi:10.1016/S1474-4422(18)30231-X 4. Wang KKW, Kobeissy FH, Shakkour Z, Tyndall JA. Thorough overview of ubiquitin C-terminal hydrolase-L1 and glial fibrillary acidic protein as tandem biomarkers recently cleared by US Food and Drug Administration for the evaluation of intracranial injuries among patients with traumatic brain injury. *Acute Med Surg.* 2021;8(1):e622. doi:10.1002/ams2.622 5. Bazarian JJ, Welch RD, Caudle K, et al. Accuracy of a rapid GFAP/UCH-L1 test for the prediction of intracranial injuries on head CT after mild traumatic brain injury. *Acad Emerg Med.* 2021;10.1111/acer.14366. doi:10.1111/acer.14366 6. Michelson EA, Huff JS, Loparo M, et al. Emergency department time course for mild traumatic brain injury workup. *West J Emerg Med.* 2018;19(4):635-640. doi:10.5811/westjem.2018.5.37293

For In Vitro Diagnostic Use.

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- 1 - Poliklinika Analiza
- 2 - AlphaChrom d.o.o.
- 3 - Radiometer d.o.o.
- 4 - Randox Laboratories Ltd.
- 5 - DiaHem d.o.o.
- 6 - KEFO d.o.o.
- 7 - Abbott Laboratories d.o.o.
- 8 - Shimadzu d.o.o.
- 9 - Axon Lab d.o.o.
- 10 - MES d.o.o.

- 11 - Labena d.o.o.
- 12 - Beckman Coulter d.o.o.
- 13 - Siemens Healthcare d.o.o.
- 14 - Biomax d.o.o.
- 15 - Roche d.o.o.
- 16 - A&B d.o.o., POLOPLUS d.o.o.
- 17 - INEL Medicinska tehnika d.o.o.
- 18 - LKB
- 19 - Medicinska naklada d.o.o.
- 20 - Biomedica dijagnostika d.o.o.

EXHIBITION LAYOUT AND LIST OF EXHIBITORS



- | | |
|-------------------------------------|----------------------------------|
| 11 - Labena d.o.o. | 21 - Biosistemi grupa d.o.o. |
| 12 - Beckman Coulter d.o.o. | 22 - HKO d.o.o. |
| 13 - Siemens Healthcare d.o.o. | 23 - B.I.G. B.L.U.E. d.o.o. |
| 14 - Biomax d.o.o. | 24 - Diagnostica Skalpeli d.o.o. |
| 15 - Roche d.o.o. | |
| 16 - A&B d.o.o., POLOPLUS d.o.o. | |
| 17 - INEL Medicinska tehnika d.o.o. | |
| 18 - LKB | |
| 19 - Medicinska naklada d.o.o. | |
| 20 - Biomedica dijagnostika d.o.o. | |

SRIJEDA, 28. rujan 2022
WEDNESDAY, September 28th 2022

PKS/PCS	PREDKONGRESNI SIMPOZIJ	PRE-CONGRESS SYMPOSIUM	Dvorana 1 Lecture hall 1
Voditelj/Chair	Nora Nikolac Gabaj		
12:00-12:30	10 najčešćih pogrešaka prilikom pisanja znanstvenog rada	10 most common mistakes when writing a scientific paper	Marijana Miler (Zagreb, Croatia)
12:30-13:00	(Zlo)upotreba statistike u znanstvenom objavljivanju	(Mis)use of statistics in scientific publishing	Nora Nikolac Gabaj (Zagreb, Croatia)
13:00-13:30	Kakve veze ima salama sa znanošću?	What has salami got to do with science?	Vesna Šupak Smolčić (Rijeka, Croatia)
13:30-14:00	Gdje objaviti svoj rad?	Where to submit my paper?	Ana Turčić (Zagreb, Croatia)
14:30-15:00	Stanka	Break	
PKIR1/PCEW1	PREDKONGRESNA INDUSTRIJSKA RADIONICA 1	PRE-CONGRESS EDUCATIONAL WORKSHOP 1	Dvorana 1 Lecture hall 1
14:30-15:00 	Kako što učinkovitije obraditi podatke o kontroli kvalitete	How to process quality control data as efficiently as possible	Peter Suto (Application Specialist, Bio- Rad Laboratories)
PKIR2/PCEW2	PREDKONGRESNA INDUSTRIJSKA RADIONICA 2	PRE-CONGRESS EDUCATIONAL WORKSHOP 2	Dvorana 2 Lecture hall 2
14:30-15:00 	Automatizirana rješenja za LCMS u laboratorijima za klinička ispitivanja	Automated solutions for LCMS in Clinical Laboratories	Daisuke Kawakami (EU Clinical Manager, Shimadzu Europe)

PKSM/PCS-YS	PREDKONGRESNI SIMPOZIJ MLADIH	YOUNG SCIENTISTS PRE-CONGRESS SYMPOSIUM	Dvorana 1 Lecture hall 1
Voditelj/Chair	Ivana Lapić		
15:00-15:20	Personalizirana prehrana bazirana na mikrobiološkom profilu crijeva	Personalized diet based on the gut microbiota profile	Ena Melvan (Split, Croatia)
15:20-15:40	SARS-CoV-2 pandemija i laboratorij: iskustvo Sveučilišne bolnice u Padovi	The SARS-CoV-2 pandemic and the laboratory: experience from the University Hospital of Padova	Ada Aita (Padova, Italy)
15:40-16:00	Izazovi uvođenja proširenog novorođenačkog probira u Republici Hrvatskoj	Challenges in introducing expanded newborn screening in Croatia	Iva Bilandžija Kuš (Zagreb, Croatia)
16:00-16:20	Sve je lako kad si mlad: osobna iskustva uključivanja u stručne aktivnosti	Everything is easier when you are young: personal experiences of involvement in professional activities	Tara Rolić (Osijek, Croatia)
19:00-20:00	OTVARANJE KONGRESA	OPENING CEREMONY	Dvorana 1 Lecture hall 1
20:00-20:45	POČASNO PREDAVANJE	HONORARY LECTURE	Dvorana 1 Lecture hall 1
20:45-22:00	KOKTEL DOBRODOŠLICE	WELCOME RECEPTION	KRAŠ Auditorium

ČETVRTAK, 29. rujan 2022

THURSDAY, September 29th 2022

PS1/ME1	PITAJTE STRUČNJAKA 1	MEET THE EXPERT 1	Dvorana 2 Lecture hall 2
Voditelj/Chair	Lara Milevoj Kopčinović		
8:00-8:45	Uređivanje biomedicinskog časopisa: pogled iznutra	Biomedical journal editing: a view from the inside	Daria Pašalić (Zagreb, Croatia)
PS2/ME2	PITAJTE STRUČNJAKA 2	MEET THE EXPERT 2	Dvorana 1 Lecture hall 1

Voditelj/Chair	Dario Mandić		
8:00-8:45	Sve što ste oduvijek željeli znati o vanjskoj kontroli kvalitete (a niste se usudili pitati) – CROQALM	Everything you always wanted to know about the external quality control (but were afraid to ask) - CROQALM	Jasna Leniček Krleža (Zagreb, Croatia)
8:45-9:00	Stanka	Break	
S1	SIMPOZIJ 1 Nove tehnologije u laboratorijskoj medicini	SYMPOSIUM 1 New technologies in laboratory medicine	Dvorana 1 Lecture hall 1
Voditelj/Chair	Željko Debeljak		
9:00-9:20	Potpuna automatizacija, testiranje uz krevet bolesnika i nosivi uređaji: tko će biti pobjednik u laboratorijskoj medicini?	Total automation, Point-of-care testing and wearables: which will be the winner in laboratory medicine?	Mario Plebani (Padova, Italy)
9:20-9:40	Sekvenciranje nove generacije u personaliziranoj medicini i farmakogenomici	Next generation sequencing (NGS) in personalized medicine and pharmacogenomics	Mario Štefanović (Zagreb, Croatia)
9:40-10:00	Dijagnostičke primjene slikovne spektrometrije masa	Diagnostic applications of mass spectrometry imaging	Željko Debeljak (Osijek, Croatia)
10:00-10:15	Rasprava	Discussion	
10:15-10:45	Stanka	Break	
PL1	PLENARNO PREDAVANJE 1	PLENARY LECTURE 1	Dvorana 1 Lecture hall 1
10:45-11:30	Je li vanjska kontrola kvalitete korisna?	Is external quality assurance useful?	Sverre Sandberg (Bergen, Norway)
IR1/EW1	INDUSTRIJSKA RADIONICA 1	EDUCATIONAL WORKSHOP 1	Dvorana 1 Lecture hall 1
11:45-12:45	Unaprjeđivanje vrijednosti	Enhancing the value of laboratory test	Dužanka Kasapić



laboratorijskih testova
pomoću kliničkih
podataka

results through
Clinical Data

(Roche
Diagnostics
Global Sr
Medical
Manager)

Prepoznavanje
vrijednosti
dijagnostičke
informacije

Capturing the value of
the diagnostic
information

Claudia Vaz
(Sr Business
Development
Manager,
Roche)

IR2/EW2

INDUSTRIJSKA
RADIONICA 2

EDUCATIONAL
WORKSHOP 2

Dvorana 2
Lecture hall 2

11:45-12:45



Neinvazivna
dijagnostika kroničnih
bolesti jetre

Non-invasive
diagnostics of
chronic liver diseases

Ivica Grgurević
(KB Dubrava)

PS1

POSTERSKA SEKCIJA 1

POSTER SESSION 1

Dvorana 1
Lecture hall 1

12:45-13:45

A-04, A-12, I-13, O-01, O-06, P-03, R-01, R-16, T-01, T-02

13:45-14:30

Stanka za ručak

Lunch break

IR3/EW3

INDUSTRIJSKA
RADIONICA 3

EDUCATIONAL
WORKSHOP 3

Dvorana 1
Lecture hall 1

14:30-15:15



BNP: dokazani
biomarker neupitne
budućnosti

BNP: an evidence-
based biomarker with
a bright future

Mario Plebani
(University
Hospital in
Padova)

IR4/EW4

INDUSTRIJSKA
RADIONICA 4

EDUCATIONAL
WORKSHOP 4

Dvorana 2
Lecture hall 2

14:30-15:15



Usporedivost
mikroskopske diferencij
alne krvne slike: QSP
prikaz slučajeva

Comparability of
microscopic
differential blood
count: QSP case
report

Vanja Radišić
Biljak (KB Sveti
Duh)

S2

SIMPOZIJ 2
Primjena znanosti o
podacima u
poboljšanju
laboratorijske
dijagnostike

SYMPOSIUM 2
Application of data
science in laboratory
diagnostics
improvement

Dvorana 1
Lecture hall 1

Voditelj/Chair

Lidija Bilić-Zulle

15:15-15:35

Razvoj (laboratorijske)
medicine sa stajališta
digitalne revolucije

Development of
(laboratory) medicine
in digital revolution

Bojan
Hadžisejdić

			(Nephos d.o.o.)
15:35-15:55	Analiza podataka u generiranju novih znanja	Data analysis as a source of new knowledge	Lidija Bilić-Zulle (Rijeka, Croatia)
15:55-16:15	Primjena rudarenja laboratorijskih podataka	Application of laboratory data mining	Vesna Šupak Smolčić (Rijeka, Croatia)
16:15-16:30	Rasprava	Discussion	
19:30-22:30	Večera za predavače	Speaker's Dinner	

PETAK, 30. rujan 2022

FRIDAY, September 30th 2022

PS3/ME3	PITAJTE STRUČNJAKA 3	MEET THE EXPERT 3	Dvorana 1 Lecture hall 1
Voditelj/Chair	Nora Nikolac Gabaj		
8:00-8:45	Biostatistika i interpretacija rezultata	Biostatistics and results interpretation	Lidija Bilić-Zulle (Rijeka, Croatia)

PS4/ME4	PITAJTE STRUČNJAKA 4	MEET THE EXPERT 4	Dvorana 2 Lecture hall 2
Voditelj/Chair	Vesna Šupak Smolčić		
8:00-8:45	Autovalidacija	Autovalidation	Vladimira Rimac Ana Turčić (Zagreb, Croatia)

8:45-9:00	Stanka	Break	
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S3	SIMPOZIJ 3	SYMPOSIUM 3	Dvorana 1 Lecture hall 1
Voditelj/Chair	Novosti u hematologiji	News in hematology	
9:00-9:20	Leida Tandara		
	Novi parametri na hematološkim brojačima kao dodana vrijednost u dijagnostici trombotskih mikroangiopatija	New parameters measured by hematology counters as an added value in the diagnostics of thrombotic microangiopathies	Marija Miloš (Zagreb, Croatia)

9:20-9:40	Automatizirane metode za brojenje i diferencijaciju stanica u uzorcima ekstravaskularnih tjelesnih tekućina	Automated methods for extravascular body fluid cell and differential count	Lara Milevoj Kopčinović (Zagreb, Croatia)
9:40-10:00	Mikroskopska analiza razmaza periferne krvi digitalnog doba	Microscopic analysis of peripheral blood smear in the digital era	Leida Tandara (Split, Croatia)
10:00-10:15	Rasprava	Discussion	
10:15-10:45	Stanka	Break	
PL2	PLENARNO PREDAVANJE 2	PLENARY LECTURE 2	Dvorana 1 Lecture hall 1
10:45-11:30	U svakom medicinskom biokemičaru skriva se lider. Probudimo ga!	There is a leader in every specialist in laboratory medicine. Let's wake him up!	Ana-Maria Šimundić (Zagreb, Croatia)
IR5/EW5	INDUSTRIJSKA RADIONICA 5	EDUCATIONAL WORKSHOP 5	Dvorana 1 Lecture hall 1
11:45-12:45 	Pregled i praktična iskustva u radu sa kompaktnim imunokemijskim analizatorom	Review and practical experiences in routine use of benchtop immunochemistry analyser	Valentina Vidranski (KBCSM), Ines Šahinović (KBC Osijek)
PS2	POSTERSKA SEKCIJA 2	POSTER SESSION 2	Dvorana 1 Lecture hall 1
12:45-13:45	C-01, G-03, L-01, L-06, O-02, O-03, P-02, R-20, Z-07		
13:45-14:30	Stanka za ručak	Lunch break	
IR6/EW6	INDUSTRIJSKA RADIONICA 6	EDUCATIONAL WORKSHOP 6	Dvorana 1 Lecture hall 1
14:30-15:00 	Otkrivanje hematoloških zloćudnih bolesti pomoću XN serije	Incidental finding of haema malignancies with XN	Konstantinos Mintzas (Sysmex Europe SE)
IR7/EW7	INDUSTRIJSKA RADIONICA 7	EDUCATIONAL WORKSHOP 7	Dvorana 2 Lecture hall 2

14:30-15:00	Sve boje elektroforeze	Making sense of electrophoresis bands	Jelena Omazić (NMB Vukovar)
 Labena			
S4	SIMPOZIJ 4 Suvremeni laboratorij i medicinski biokemičar u njemu	SYMPOSIUM 4 A modern laboratory and a medical biochemist in it	Dvorana 1 Lecture hall 1
Voditelj/Chair	Dunja Rogić		
15:00-15:20	Racionalno naručivanje pretraga – od dojma do djelovanja	Rational test ordering -from impression to action	Dunja Rogić (Zagreb, Croatia)
15:20-15:40	Biokemičar kao konzultant – mit ili stvarnost	Biochemist as a consultant - myth or reality	Ivana Rako, Margareta Radić Antolice (Zagreb, Croatia)
15:40-16:00	Laboratorij kao poslovni proces: automatizacija, informatizacija i optimizacija	Laboratory as a business process: automation, informatization and optimization	Vatroslav Šerić (Osijek, Croatia)
16:00-16:20	Akreditacija prema normi ISO 15 189 u RH – jesmo li za ili protiv?	Accreditation according to the ISO 15 189 in Croatia - are we for or against it?	Ivana Lapić (Zagreb, Croatia)
16:20-16:30	Rasprava	Discussion	
19:30-23:30	Kongresna večera (dodjela nagrada i prezentacija najboljih postera)	Congress Dinner (awards and presentation of best posters)	Hilton Garden Inn

SUBOTA, 1. listopada 2022

SATURDAY, October 1st 2022

PS5/ME5	PITAJTE STRUČNJAKA 5	MEET THE EXPERT 5	Dvorana 2 Lecture hall 2
Voditelj/Chair	Željko Debeljak		
9:00-9:45	Savršeni postupak javne nabave - nemoguća misija	The perfect public procurement procedure – mission impossible	Leida Tandara (Split, Croatia)

PS6/ME6	PITAJTE STRUČNJAKA 6	MEET THE EXPERT 6	Dvorana 1 Lecture hall 1
Voditelj/Chair	Sanja Mandić		
9:00-9:45	Razgovarajmo o ljudskoj reprodukciji – plodnosti i problemima neplodnosti	Let's talk about human reproductivity - fertility and problems of infertility	Marijan Tandara (Split, Croatia)
9:45-10:00	Stanka	Break	
S5	SIMPOZIJ 5 Laboratorijska dijagnostika u pedijatriji	SYMPOSIUM 5 Pediatric laboratory diagnostics	Dvorana 1 Lecture hall 1
Voditelj/Chair	Dario Mandić		
10:00-10:20	Biomarkeri starvacije u pedijatrijskoj anoreksiji nervozi	Starvation biomarkers in pediatric anorexia nervosa	Orjena Žaja (Zagreb, Croatia)
10:20-10:40	Laboratorijska dijagnostika kongenitalne adrenalne hiperplazije primjenom LC-MS/MS tehnike	Laboratory diagnostic of congenital adrenal hyperplasia using LC-MS/MS	Dario Mandić (Osijek, Croatia)
10:40-11:00	Kongenitalna adrenalna hiperplazija – izazovi u dijagnostici	Congenital adrenal hyperplasia – diagnostic challenges	Katja Dumić Kubat (Zagreb, Croatia)
11:00-11:15	Rasprava	Discussion	
11:15-11:45	Stanka	Break	
IR8/EW8	INDUSTRIJSKA RADIONICA 8	EDUCATIONAL WORKSHOP 8	Dvorana 2 Lecture hall 2
11:45-12:15 	Važnost upotrebe nezavisnih „3rd party“ kontrola u laboratorijskoj dijagnostici	The Importance Of Using 3rd party Quality Controls in Laboratory Diagnostics	Biljana Ocoljčić (Randox Sales Executive)
IR9/EW9	INDUSTRIJSKA RADIONICA 9	EDUCATIONAL WORKSHOP 9	Dvorana 1 Lecture hall 1
12:15-12:45 	Kao kliničar pitam koji TSH je točan?	I'm asking, as a clinician, which TSH is accurate?	Dražen Huić (KBC Zagreb)
12:45-13:30	Stanka za ručak	Lunch break	
S6	SIMPOZIJ 6	SYMPOSIUM 6	Dvorana 1 Lecture hall 1

	Analiza hormona štitnjače: izazovi i rješenja	Thyroid hormone analysis: challenges and solutions	
Voditelj/Chair	Sanja Mandić		
13:30-13:45	Hormoni štitnjače u trudnoći	Thyroid hormones during pregnancy	Vesna Horvat (Osijek, Croatia)
13:30-13:45	Uhvati me ako možeš	Catch me if you can	Iva Lukić (Osijek, Croatia)
13:45-14:00	Laboratorijska obrada štitnjače iz perspektive liječnika	Laboratory assessment of thyroid function from a physician's perspective	Darko Kaštelan (Zagreb, Croatia)
14:00-14:15	Dizajniranje, implementacija i evaluacija autovalidacijskih pravila za hormone štitnjače	Designing, implementing and evaluating autovalidation rules for thyroid hormones	Sanja Mandić (Osijek, Croatia)
14:15-14:30	Rasprava	Discussion	
14:30-15:0	Zatvaranje kongresa	Closing remarks	

KNJIGA SAŽETAKA

ABSTRACTS BOOK



**Biochemia
Medica**



A	HEMATOLOGIJA *Usmena prezentacija	HEMATOLOGY *Oral presentation
A-01	Pouzdanost provjere trombocita digitalnom morfologijom na uređaju Sysmex DI-60 <i>Marija Dorotić, Ivana Lapić, Marija Miloš, Désirée Coen Herak, Dunja Rogić</i>	Reliability of platelet verification by digital morphology on Sysmex DI-60 analyzer
A-02	Validacija ISHAGE protokola za određivanje brojnosti CD34+ na protočnim citometrima u kliničke svrhe <i>Zoran Šiftar, Lejla Kurić, Denis Polančec, Mirjana Mariana Kardum Paro</i>	Validation of ISHAGE protocol for CD34+ cells on flow cytometers for clinical purpose
A-03	Usporedba brzine sedimentacije eritrocita izmjerene u EDTA kapilarnim uzorcima na Roller 20PN (Alifax) s Westergren referentnom metodom <i>Jasna Štanfel, Ksenija Paradinović, Marija Milić, Vatroslav Šerić</i>	Comparison of erythrocyte sedimentation rate in EDTA capillary samples measured on Roller 20PN (Alifax) with Westergren reference method
*A-04	Izješavanje ukupnog broja stanica s jezgrom uz broj leukocita u različitim vrstama ekstravaskularnih uzoraka – analiza rizika <i>Ivana Vuga, Ines Vukasović, Lara Milevoj Kopčinović, Ana Bronić, Franciska Tomić, Sandra Margetić</i>	Reporting the total number of nucleated cells count with the number of leukocytes for different extravascular samples - a risk analysis
A-05	Analitička verifikacija diferencijalne krvne slike na uređaju za digitalnu morfologiju Sysmex DI-60 <i>Ivana Lapić, Marija Miloš, Valentina Drenški, Désirée Coen Herak, Dunja Rogić</i>	Analytical verification of white blood cell differential on the digital cell morphology analyzer Sysmex DI-60
A-06	Usporedba automatizirane metode za određivanje brzine sedimentacije eritrocita s referentnom metodom po Westergrenu <i>Franciska Tomić, Roberta Halusek, Sandra Margetić, Ivana Vuga</i>	Comparison of automated method for determining erythrocyte sedimentation rate with the Westergren reference method
A-07	Verifikacija analize limfocitnih populacija korištenjem BD Multitest 6-color TBNK reagensa	Verification of lymphocytic population analysis using

	<i>Zoran Šiftar, Lejla Kurić, Denis Polančec, Mirjana Mariana Kardum Paro</i>	BD Multitest 6-color TBNK reagent
A-08	Analitička verifikacija uređaja za automatizirano određivanje brzine sedimentacije eritrocita CUBE 30 touch <i>Lucija Daskijević, Paula Cerovac, Anamarija Rade, Anđela Kraljević, Ivana Lapić, Marija Miloš, Désirée Coen Herak, Dunja Rogić</i>	Analytical verification of automated erythrocyte sedimentation rate analyzer CUBE 30 touch
A-09	Važnost određivanja 6-dijelne diferencijalne krvne slike u postavljanju dijagnoze - prikaz slučaja <i>Ivona Brkić, Marcela Živković, Brankica Šimac, Ksenija Kukuruzović Živković, Lovorka Đerek</i>	The importance of 6-part differential blood count in diagnostics - a case report
A-10	Usporedba CellaVision DM1200 digitalnog hematološkog analizatora i svjetlosne mikroskopije <i>Andrea Snagić, Josipa Periša, Ivana Vuga, Franciska Tomić, Sandra Margetić</i>	Comparison of CellaVision DM1200 digital hematology analyzer and light microscopy
A-11	Učinkovitost diferenciranja leukocita periferne krvi novorođenčadi automatiziranim sustavom Vision Hema Assist nakon zamjene objektiva <i>Ida Taradi, Matea Ivić, Zoran Šiftar, Marija Dorotić, Mirjana Mariana Kardum Paro</i>	Efficacy in differentiating peripheral neonatal blood leukocytes using automated analyzer Vision Hema Assist after objective replacement
*A-12	Primjena albumina pri izradi razmaza periferne krvi za diferencijalnu krvnu sliku – rješenje kod pojačanog raspada limfocita! <i>Marija Miloš, Tajana Šparakl, Jozefina Palić, Sandra Dundović, Dorjana Mačukat, Désirée Coen Herak</i>	Use of albumin during peripheral blood smear preparation for differential blood count - solution for smudge cells!
A-13	Broj trombocita i trombocitni indeksi kod bolesnika s traumom <i>Viktorija Blagec, Ana Bronić, Marina Pavić</i>	Platelet count and indices in trauma patients
B	HEMOSTAZA	HEMOSTASIS
B-01	Usporedba rezultata D-dimera izmjerenih lateks imunoturbidimetrijskom metodom na koagulacijskom analizatoru Sysmex CS-5100 i fluorescentnom imunokemijskom metodom na analizatoru Afias-6	Comparison of results of D-dimers measured by latex immunoturbidimetric method on coagulation analyzer Sysmex cs-5100 and fluorescent

	<i>Ivana Rupčić Gračanin, Ivana Lapić, Désirée Coen Herak, Dunja Rogić</i>	immunochemical method on Afias-6
B-02	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) u koaguliranim uzorcima krvi <i>Marija Milić, Maja Grabić, Jasna Štanfel, Ksenija Paradinović, Vatroslav Šerić</i>	Activated partial thromboplastin time (APTT) in clotted blood samples
B-03	Upravljanje ciljevima kvalitete u koagulaciji za unapređenje izvedbe protrombinskog vremena <i>Ana Bronić, Sandra Margetić, Desiree Coen Herak, Marija Milić, Branka Krešić, Jasna Leniček Krlježa</i>	Management of quality goals in coagulation for improvement of prothrombin time performance
B-04	Verifikacija optomehaničkog koagulacijskog analizatora Siemens BFT II <i>Pavla Kraljević, Erika Jurčić-Karlović, Lora Dukić, Ana-Maria Šimundić</i>	Verification of an optomechanical coagulation analyzer Siemens BFT II
C	KARDIOVASKULARNE BOLESTI *Usmena prezentacija	CARDIOVASCULARY DISEASES *Oral presentation
*C-01	Serumske koncentracije katestatina u bolesnika s esencijalnom hipertenzijom <i>Daniela Supe-Domic, Marko Kumric, Josip Vrdoljak, Dinko Martinovic, Marino Vilovic, Tina Ticinovic Kurir, Lada Stanisic, Goran Dujic, Josko Bozic</i>	Serum catestatin concentrations in patients with primary hypertension
C-02	Usporedba direktnog i računskog LDL-kolesterola pomoću Friedewald, Martin/Hopkins i Sampson formule <i>Sanja Marević, Nevenka Stančin, Marijana Jovanović, Marko Žarak, Lovorka Đerek</i>	Comparison of measured and calculated LDL-C by Friedewald, Martin/Hopkins, and Sampson formulas
D	ENDOKRINOLOGIJA	ENDOCRINOLOGY
D-01	Verifikacija metode za određivanje tireoglobulina na analizatoru Atellica Solution IM 1300 <i>Iva Vrdoljak-Colo, Andrea Saračević, Lora Dukić, Ana-Maria Šimundić</i>	Verification of the thyroglobulin determination method on the Atellica Solution IM 1300 analyzer
D-02	Verifikacija imunoeseja za određivanje inzulina i C-peptida na MAGLUMI 800 analizatoru	Verification of insulin and C-peptide immunoassays on MAGLUMI 800 analyzer

	<i>Ines Šahinović, Jasna Pavela, Vatroslav Šerić</i>	
D-03	Mogućnost uvođenja porcije mokraće kao uzorka za analizu kortizola <i>Kornelija Klenkar, Bojana Kranjčec, Snježana Semenski, Gordana Tkalec, Valentina Šenjug, Tamara Bezek, Luka Mavrić, Anita Lešković</i>	Possibility of introducing a urine portion as a sample for cortisol analysis
D-04	Probir na dijabetes melitus mjerenjem hemoglobina A1c nasumičnim pacijentima zaprimljenim na Objedinjeni hitni bolnički prijem (OHBP) <i>Fran Smaić, Milena Krnjaić-Tadijanović, Blaženka Miškić, Alma Pipić-Kitter, Marija Mijakić, Ljubica Oršolić, Marina Josipović, Mateja Troha</i>	Screening for diabetes mellitus by measuring haemoglobin A1c in random patients admitted to the emergency department
D-05	Učinak različitih epruveta za uzorkovanje i 24-satnog skladištenja uzoraka na razinu inzulina i C-peptida <i>Maja Krhač Grgić, Ena Matišić, Sandra Božičević, Marijana Vučić Lovrenčić</i>	Effect of various sample tubes and 24-hour sample storage on insulin and C-peptide levels
D-06	Atellica IM® aTG II: nova metoda za određivanje protutijela na tireoglobulin. Analitička verifikacija i usporedivost s Advia Centaur XP® aTG metodom <i>Ena Matišić, Maja Krhač Grgić, Sandra Božičević, Marijana Vučić Lovrenčić</i>	Atellica IM aTG II: new method for antithyroglobulin antibodies determination. Analytical verification and comparability to Advia Centaur XP aTG assay
D-07	Analiza podataka o utjecaju tjelesne aktivnosti na određivanje prolaktina <i>Valentina Drenški, Anita Somborac Bačura, Domagoj Marijančević</i>	Analysis of data on the influence of physical activity on prolactin determination
D-08	Usporedba računske i imunokemijske metode određivanja slobodnog testosterona <i>Anamarija Đuras, Verica Horvat, Mikulin Tatjana, Anamarija Rade, Ivanka Ostroški</i>	Comparison of calculated and measured free testosterone
E	KOŠTANE BOLESTI	BONE DISEASES
E-01	Korisnost HLA-B27 testa u dijagnostici spondiloartropatija: kratka retrospektivna studija <i>Barbara Vuković, Blaženka Dobrošević, Vatroslav Šerić</i>	Usefulness of the HLA-B27 test in the diagnosis of spondyloarthropathy: a brief retrospective study

F	KRONIČNE BOLESTI	CHRONIC DISEASES
F-01	Evaluacija Sampsonove jednadžbe za izračun LDL-kolesterola u bolesnika s šećernom bolešću tipa 2 i različitim stupnjevima hipertrigliceridemije <i>Filip Penava, Sandra Božičević, Maja Krhač Grgić, Marijana Vučić Lovrenčić</i>	Evaluation of Sampson equation for calculation of LDL-cholesterol in patients with type 2 diabetes mellitus and various degrees of hypertriglyceridemia
G	AUTOIMUNE BOLESTI	AUTOIMMUNE DISEASES
	*Usmena prezentacija	*Oral presentation
G-01	Usporedba dviju metoda za određivanje autoantitijela na akvaporin 4 <i>Ljiljana Zaninovic, Željka Vogrinc, Ana Turčić</i>	Comparison of two methods for the detection of autoantibodies to aquaporin 4
G-02	Ukupni imunoglobulin E kod bolesnika s atopijskim dermatitisom i astmom <i>Paula Cerovac, Josip Knežević, Dunja Rogić</i>	Total immunoglobulin E in patients with atopic dermatitis and asthma
*G-03	Učinkovitost kombinacije indirektno imunofluorescencije (IIF) i probirnog testa na čvrstoj podlozi kao testa prve linije u detekciji antinuklearnih antitijela (ANA) <i>Andrea Tešija Kuna, Marko Ris, Ivana Miklić, Tamara Sušić, Ines Vukasović, Milena Hanžek</i>	The efficiency of the combination of indirect immunofluorescence (IIF) and solid-based screen assay as the first-line test for detection of antinuclear antibodies (ANA)
G-04	Korištenje dsDNA Crithidia luciliae testa za potvrdu prisutnosti protutijela na dsDNA <i>Kristina Dukić, Ana Kozmar</i>	Confirmation testing for dsDNA antibodies using dsDNA Crithidia luciliae test
G-05	Model praćenja imunološke terapije protočnom citometrijom u liječenju multiple skleroze <i>Blaženka Dobrošević, Barbara Vuković, Vatroslav Šerić</i>	Model of monitoring immunotherapy by flow cytometry in the treatment of multiple sclerosis
H	NUTRICIJA	NUTRITION
H-01	Identifikacija funkcionalnog nedostatka vitamina D istovremenim mjerenjem 25(OH)D i 24,25(OH)2D sa LC-MS/MS <i>Pero Curcic, Sieglinde Zelzer, Camilla Drexler, Tobias Niedrist, Andreas Meinitzer, Dietmar Enko, Peter Schlenke, Markus Herrmann</i>	Identification of functional vitamin D deficiency through the simultaneous measurement of 25(OH)D and 24,25(OH)2D LC-MS/MS

I	INFEKTIVNE BOLESTI I COVID-19	INFECTIOUS DISEASES AND COVID-19
	*Usmena prezentacija	*Oral presentation
I-01	Praćenje dinamike koncentracije SARS-CoV-2 IgG antitijela nakon cijepljenja osoba koje su preboljele COVID-19 <i>Patricija Banković Radovanović</i>	SARS-CoV-2 IgG dynamics in persons who were COVID-19 vaccinated after recovery from COVID-19
I-02	Analitička i klinička evaluacija četiri serološka testa za SARS-CoV-2 – obaveza laboratorija <i>Dora Vuljanić, Andrea Saračević, Višnja Neseke-Adam, Ana-Maria Šimundić</i>	Analytical and clinical evaluation of four SARS-CoV-2 serological assays - imperative for laboratories
I-03	“Atellica COVID-19 severity” algoritam u ranoj prognozi teških oblika COVID-19 bolesti <i>Ines Šahinović, Damir Mihić, Domagoj Loinjak, Ivana Sarić, Dario Sabadi, Mario Duvnjak, Sanja Mandić, Vatroslav Šerić</i>	Atellica COVID-19 severity algorithm in early prognosis of COVID-19 disease severity
I-04	Promjene u krivulji disocijacije oksihemoglobina u teškom obliku COVID-19 bolesti <i>Ines Šahinović, Domagoj Loinjak, Damir Mihić, Ivana Sarić, Sanja Mandić, Vatroslav Šerić</i>	Changes in the oxyhemoglobin dissociation curve in severe COVID-19 disease
I-05	C-reaktivni protein – usporedivost u uzorcima seruma i plazme <i>Matea Ivić, Nikolina Parašilovac, Sonja Perković, Mirjana Mariana Kardum Paro</i>	C-reactive protein - comparability in serum and plasma samples
I-06	Feritin kao prediktor teškog oblika bolesti kod COVID-19 pacijenata <i>Ana Pocrnja, Sanja Mandić, Tara Rolić, Iva Lukić</i>	Ferritin as a predictor of severe form in COVID-19 patients
I-07	Validacija metode umnažanja lančanom reakcijom polimeraze u stvarnom vremenu za otkrivanje koronavirusa SARS-CoV-2 – preduvjet za kliničku primjenu i akreditaciju prema normi EN ISO 15189 <i>Željka Tkalić Švabek, Ivan Christian Kurolt, Mirjana Mariana Kardum Paro</i>	Validation of real-time polymerase chain reaction method for SARS-CoV-2 coronavirus detection – precondition for clinical application and accreditation according to standards EN ISO 15189

I-08	Granica detekcije SARS-CoV-2 metodom RT-qPCR po Berlinskom protokolu i komercijalnim kitom <i>Sanja Tadinac, Tomislav Pavičić, Ivan Šamija, Mario Štefanović, Ivana Čelap</i>	Limit of detection of SARS-CoV-2 using RT-qPCR according to Berlin protocol and commercial kit
I-09	Prošireni hematološki pokazatelji crvene krvne slike u diferencijalnoj dijagnozi sepse u Covid-19 bolesnika <i>Vedrana Koroman Dropulić, Renat Mujagić, Anđelka Milakara</i>	Extended haematological red blood cell parameters in differential diagnosis of sepsis in COVID-19 patients
I-10	Rani hematološki pokazatelji sepse u COVID-19 bolesnika <i>Renat Mujagić, Anđelka Milakara, Vedrana Koroman Dropulić</i>	Early hematological sepsis indicators in COVID-19 patients
I-11	Pojavnost stvarne naspram pseudo trombocitopenije odnosno povezanost trombocitopenije sa sepsom u COVID-19 bolesnika <i>Anđelka Milakara, Vedrana Koroman Dropulić, Renat Mujagić, Lorena Honović</i>	Incidence of true versus pseudo thrombocytopenia as well as association of thrombocytopenia to sepsis in COVID-19 patients
I-12	Laboratorijski parametri nehospitaliziranih i hospitaliziranih COVID-19 pacijenata <i>Maja Grabić, Marija Milić, Vatroslav Šerić</i>	Laboratory parameters in nonhospitalized and hospitalized COVID-19 patients
*I-13	Utjecaj četiri polimorfizma angotenzin konvertirajućeg enzima (ACE i ACE2) na težinu i klinički ishod COVID-19 bolesti <i>Mario Štefanović, Tomislav Pavičić, Marija Gomerčić Palčić, Anita Radman, Roman Mihić, Ivana Čelap</i>	Impact of four common angiotensin converting enzyme (ACE and ACE2) genetic polymorphisms on severity and clinical outcome of COVID-19 disease
J	PEDIJATRIJSKA LABORATORIJSKA MEDICINA	PEDIATRIC LABORATORY MEDICINE
J-01	Procjena usporedivosti metoda za mjerenje koncentracije ukupnog bilirubina u krvi pupkovine <i>Melani Bodalec, Sanja Mandić, Ivana Sarić, Vatroslav Šerić</i>	Comparability assessment of two methods for bilirubin measurement in umbilical cord blood
J-02	Verifikacija CALIPER (Canadian Laboratory Initiative on Paediatric Reference Intervals)	Verification of the CALIPER (Canadian Laboratory Initiative on Paediatric

	referentnih intervala u Kliničkoj bolnici Merkur <i>Iva Friščić, Marija Dorotić, Jasminka Stipanović-Kastelić, Sonja Perkov, Andrea Radeljak, Mirjana Mariana Kardum Paro</i>	Reference Intervals) reference intervals at Merkur university hospital
J-03	Usporedba intoksikacije alkoholom u pedijatrijskoj populaciji tijekom COVID-19 pandemijskih godina sa prethodne tri godine (2017.-2021.) <i>Jasna Obuljen, Irena Linarić, Arnes Rešić, Nikolina Benco Kordić</i>	Comparison of alcohol intoxication in pediatric age during the COVID-19 pandemic years with previous three years (2017-2021)
J-04	Aktivnost L-asparaginaze u pedijatrijskih hematoloških bolesnika liječenih s pripravcima native i pegelirane asparaginaze - naša iskustva <i>Martha Koržinek, Domagoj Buljan, Izabela Kranjčec, Gordana Jakovljević, Ana Katušić Bojanac, Jasna Leniček Krleža</i>	L-asparaginase activity in pediatric hematology patients treated with native and pegelated asparaginase - our experiences
K	LABORATORIJSKA TOKSIKOLOGIJA	LABORATORY TOXICOLOGY
K-01	Ocjena referentnih intervala za selen i mangan u serumu određenih grafitnom tehnikom atomske apsorpcijske spektrofotometrije <i>Adriana Unić, Marijana Miler, Lara Milevoj Kopčinović, Marija Božović, Alen Vrtarić, Anita Radman, Nora Nikolac Gabaj</i>	Verification of serum selenium and manganese reference intervals determined by graphite-furnace atomic absorption spectrometer
K-02	Verifikacija EMIT metode za određivanje antiepileptika na uređaju DxC 700 AU <i>Nikolina Čolan, Diana Ljubimir, Ana Stanić, Antonija Perović</i>	Verification of EMIT method for measuring anticonvulsants concentrations on DxC 700 AU analyzer
K-03	Postizanje terapijskih intervala pri primjeni neuroleptika kod bolesnika sa shizofrenijom <i>Marija Božović, Nora Nikolac Gabaj, Adriana Unić, Marijana Miler, Lara Milevoj Kopčinović, Alen Vrtarić, Anita Radman</i>	Neuroleptics therapeutic range achievement in patients with schizophrenia
L	MOLEKULARNA DIJAGNOSTIKA *Usmena prezentacija	MOLECULAR DIAGNOSTICS *Oral presentation

*L-01	Uspostava metoda za izolaciju egzosoma iz plazme i njihovu karakterizaciju <i>Anita Somborac Bačura, Magdalena Jurič, Andrea Hulina Tomašković, Andrea Čeri, Ivana Čelap, Roberta Petlevski, Neven Ljubičić, Neven Baršić, Donatella Verbanac, Karmela Barišić</i>	Evaluation of methods for isolation of exosomes from plasma and their characterization
L-02	Učestalosti alela i haplotipova polimorfizama u genu za P-selektin u hrvatskoj populaciji i usporedba s europskim populacijama <i>Marina Pavić, Désirée Coen Herak, Margareta Radić Antolic, Andrea Čeri, Jasna Leniček Krleža, Renata Zrinski Topić, Renata Zadro</i>	Allele and haplotype frequencies of P-selectin gene polymorphisms in the Croatian population and comparison with european populations
L-03	Hrvatska zaklada za znanost uspostavi istraživački projekt: uloga farmakogenomike u predviđanju nuspojava kardiovaskularnih lijekova (PGx-CardioDrug) <i>Tamara Božina, Livija Šimičević, Lana Ganoci, Jozefina Palić, Lucija Ana Bićanić, Iva Mucalo, Majda Vrkić Kirhmajer, Jure Samardžić</i>	Croatian science foundation installation research project: pharmacogenomics in the prediction of cardiovascular drugs adverse reactions – PGx-CardioDrug
L-04	Izolacija CD138+ stanica i i-FISH u uzorku koštane srži kod bolesnika s multiplim mijelomom <i>Iva Semren, Ivana Franić Šimić, Anđelka Đira, Valerija Vidmar, Sanja Davidović Mrsić</i>	Isolation of CD138+ cells and i-FISH from bone marrow in patients with multiple myeloma
L-05	Procjena relativne ekspresije miRNA u fetalno-placentalnoj jedinici u ovisnosti o majčinom pušenju <i>Adrijana Dorotić, Daria Pašalić, Tatjana Orct, Ankica Sekovanić, Zorana Kljaković-Gašpić, Antonija Sulimanec Grgec, Sandra Stasenko, Tatjana Mioč, Martina Piasek, Jasna Jurasović</i>	Relative expressions of miRNAs across the fetoplacental unit in relation to maternal smoking status
*L-06	FLT3 mutacije – stratifikacija rizika i terapijska meta u dijagnostici i liječenju akutne mijeloične leukemije i mijelodisplazije <i>Margareta Radić Antolic, Ivana Horvat, Dunja Rogić</i>	FLT3 mutations - risk stratification and therapeutic target in the diagnosis and treatment of acute myeloid leukemia and myelodysplasia
L-07	Utjecaj različitih uvjeta pohrane uzorka pune krvi na količinu i kvalitetu izolirane genomske DNA	Effect of different storage conditions on isolated

	<i>Tomislav Pavičić, Amalija Bunjevac, Ivana Čelap, Sanja Tadinac, Mario Štefanović</i>	genomic DNA quantity and quality
L-08	Molekularna analiza gena BRCA1/2 – sekvenciranje sljedeće generacije, MLPA i sekvenciranje po Sangeru kao komplementarne metode <i>Ivana Rako, Tomislav Barberic, Ana Merkler, Hana Ljubić, Dunja Rogić, Natalija Dedić Plavetić</i>	Molecular analysis of BRCA1/2 genes – NGS, MLPA and Sanger sequencing as complementary methods
M	PRETRAGE UZ BOLESNIKA	POINT OF CARE TESTING
M-01	Usporedba C-reaktivnog proteina na uređaju Dymind DF50 CRP i DxC 700 AU <i>Marina Njire Bratičević, Ana Stanić, Nikolina Čolan, Antonija Perović</i>	Comparison of C-reactive protein values on Dymind DF50 CRP and DxC 700 AU analyzers
M-02	oGTT – glukometar kao zamjena za određivanje glukoze natašte <i>Ivana Baršić Lapić, Mirjana Fuček, Dunja Rogić</i>	OGTT – glucometer for measuring fasting value of glucose
N	SPORTSKA MEDICINA	SPORTS MEDICINE
N-01	Povezanost serumskog kalprotektina s pokazateljima fizičke sprema i biokemijskim biljezima kod dinamičkog praćenja vrhunskih sportaša tijekom jedne natjecateljske sezone <i>Frane Bukvić, Saša Janković, Helena Čičak, Lora Dukić, Ana-Maria Šimundić, Domagoj Marijančević, Daria Pašalić</i>	Association of serum calprotectin with fitness indicators and biochemical markers in continuous dynamic monitoring of the top athletes during one competitive season
O	NOVI BIOMARKERI *Usmena prezentacija	NEW BIOMARKERS *Oral presentation
*O-01	Procjena dijagnostičke točnosti glijalnog fibrilarnog kiselog proteina (GFAP) i ubikvitin C-terminalne hidrolaze L1 (UCH-L1) u blagoj traumatskoj ozljedi mozga <i>Vesna Šupak Smolčić, Ana Tancabel Mačinković, Martina Pavletić, Mate Lerga, Alan Šustić, Lidija Bilić-Zulle</i>	Evaluation of the diagnostic accuracy of glial fibrillary acidic protein (GFAP) and ubiquitin C-terminal hydrolase L1 (UCH-L1) in mild traumatic brain injury
*O-02	Cirkulirajući kalprotektin kao rani biljeg smrtnog ishoda sepsa	Circulating calprotectin as early marker of sepsis mortality

	<i>Ines Šahinović, Sanja Mandić, Damir Mihić, Domagoj Loinjak, Dario Sabadi, Mario Duvnjak, Vatroslav Šerić</i>	
*O-03	Procjena preciznosti i granične vrijednosti biljega PIVKA-II u bolesnika s kroničnom bolesti jetre <i>Anamarija Bogić, Dragana Šegulja, Matea Majerović, Tajana Šparakl, Dunja Rogić</i>	Assessment of precision and cut-off value of the PIVKA-II in patients with chronic liver disease
O-04	Organske kiseline u selektivnom probiru manjka aromatske dekarboksilaze L-aminokiselina <i>Iva Bilandžija Kuš, Monika Polić, Ana Škaričić, Ksenija Fumić</i>	Organic acid analysis in selective screening for aromatic L-amino acid decarboxylase deficiency
O-05	Verifikacija kalprotektina u serumu <i>Lucija Butorac, Lovorka Đerek, Nevenka Stančin, Anita Somborac Bačura</i>	Performance verification of calprotectin in serum
*O-06	Anti-p53 protutijela u bolestima jetre <i>Ana Kulić, Ante Gojević, Ivana Knežević Stromar, Ivana Orešković, Marina Premužić, Silvija Čuković - Čavka, Maja Sirotković-Skerlev, Natalija Dedić-Plavetić, Filip Sedlić, Melita Vranić, Rajko Ostojić, Stjepko Pleština, Saša Kralik-Oguić</i>	Anti-p53 antibodies in liver disease
P	NOVE TEHNOLOGIJE *Usmena prezentacija	NEW TECHNOLOGIES *Oral presentation
P-01	Automatizacija predobrade uzoraka – završni korak u rutinskoj primjeni određivanja vitamina D referentnom metodom (LC-MS/MS) <i>Andrea Radeljak, Matea Ivić, Sonja Perkov, Mirjana Mariana Kardum Paro</i>	Automation of sample preparation - final step in application of reference method (LC-MS/MS) for vitamin D determination into routine workflow
*P-02	Maseno-spektrometrijski slikovni prikaz prostorne distribucije neopterinu u pojedinačnim mononuklearnim stanicama krvi <i>Ivana Marković, Željko Debeljak, Bojana Bošnjak, Vatroslav Šerić</i>	Mass spectrometry imaging of neopterin in individual mononuclear blood cells
*P-03	Sekvenciranje sljedeće generacije multigenim panelom u dijagnostici nasljednog raka – probir patogenih i	Next-generation sequencing using a multigene panel testing for

	vjerojatno patogenih varijanti u populaciji hrvatskih pacijenata <i>Ivana Rako, Tomislav Barberic, Marina Popović, Tamara Žigman, Natalija Dedić Plavetić</i>	hereditary cancer – screening of pathogenic and likely pathogenic variants in the population of patients in Croatia
P-04	Računalna analiza sjemene tekućine <i>Anđelka Milakara, Gordana Juričić, Lorena Honović</i>	Computer assisted semen analysis
R	PRIKAZ SLUČAJA *Usmena prezentacija	CASE REPORT *Oral presentation
*R-01	Tip 1 von Willebrandove bolesti uzrokovan velikom heterozigotnom delecijom egzona 1 do 6 – uloga metode višestrukog umnažanja vezanih proba <i>Ivana Lapić, Margareta Radić Antolic, Sara Dejanović Bekić, Désirée Coen Herak, Ernest Bilić, Dunja Rogić, Renata Zadro</i>	Type 1 von Willebrand disease caused by a large heterozygous deletion of exons 1 to 6 - the role of multiple ligation-dependent probe amplification
R-02	Anaplastični velikostanični limfom s aberantnim izražajem mijeloidnog antigena CD13: prikaz slučaja <i>Blaženka Dobrošević, Barbara Vuković, Ksenija Paradinović, Jasna Štanfel, Marija Milić, Vatroslav Šerić</i>	Anaplastic large cell lymphoma with aberrant expression of myeloid antigen CD13: case report
R-03	Interferencija krioglobulina s brojem trombocita – prikaz slučaja <i>Brankica Šimac, Marcela Živković, Ksenija Kukuruzović Živković, Ivona Brkić, Lovorka Đerek</i>	Cryoglobulins interference with platelet count - a case report
R-04	Pseudohiponatrijemija uslijed asparaginazom inducirane hipertrigliceridemije – prikaz slučaja <i>Anita Radman, Nora Nikolac Gabaj, Lara Milevoj Kopčinović, Adriana Unić, Marija Božović, Marijana Miler, Alen Vrtarić</i>	Pseudohyponatraemia due to asparaginase-induced hypertriglyceridaemia - a case report
R-05	Agresivni IgD lambda multipli mijelom (IgDλ MM): prikaz slučaja <i>Snježana Hrabrić Vlah, Vedrana Drvar</i>	Aggressive IgD lambda multiple myeloma (IgD lambda MM): a case report
R-06	Nesvakidašnja elektroforeza hemoglobina novorođenčeta	Unusual hemoglobin electrophoresis of newborn

	<i>Jelena Omazić, Silvija Pušeljić, Jasna Rogić Namačinski</i>	
R-07	Neočekivana elektroforeza hemoglobina - hemoglobin C <i>Jelena Omazić, Stefan Mrđenović, Tomislav Hrgović, Jasna Pavela, Vatroslav Šerić</i>	Unexpected discovery of hemoglobin C
R-08	Imunofiksacija u praćenju bolesnika s Castlemanovom bolesti plazmastaničnog tipa i multiplim mijelomom – prikaz slučaja <i>Nevenka Stančin, Lovorka Đerek, Sanja Marević, Marijana Jovanović</i>	Immunofixation in the follow-up of patient with Castleman plasma cell disease and multiple myeloma - a case report
R-09	Nesvakidašnji slučaj interferencije u analizi kompletne krvne slike <i>Jasna Štanfel, Ksenija Paradinović, Marija Milić</i>	An unusual case of interference in the complete blood count analysis
R-10	Cistinurija - prikaz slučaja <i>Katarina Čepić, Dijana Dževrnja Viro</i>	Cystinuria - case presentation
R-11	Trombocitopenija/pseudotrombocitopenija - pitanje je sad! <i>Martha Koržinek, Renata Zrinski Topić, Jasna Leniček Krleža</i>	Thrombocytopenia/pseudo thrombocytopenia - that's the question!
R-12	Interferencija monoklonskog imunoglobulina u određivanju željeza i nezasićenog kapaciteta vezanja željeza (UIBC) – prikaz slučaja <i>Marijana Jovanović, Sanja Marević, Indira Imširović, Marta Kmet</i>	Monoclonal immunoglobuline interference on iron and unsaturated iron binding capacity (UIBC) measurement - a case report
R-13	Važnost laboratorijske dijagnostike u praćenju komplikacija liječenja pedijatrijskog bolesnika s akutnom limfoblastičnom leukemijom <i>Irena Linarić, Jasna Obuljen, Gordana Jakovljević</i>	Importance of laboratory diagnostics in monitoring complications of treatment in pediatric patient with acute lymphoblastic leukemia
R-14	Kronična mijeloična leukemija BCR::ABL1 i JAK2 V617F pozitivna – prikaz slučaja <i>Marijana Nehutni, Margareta Radić Antolic, Hrvoje Holik, Ivana Franić Šimić, Dunja Rogić</i>	Chronic myeloid leukemia BCR::ABL1 positive with concomitant JAK2 V617F mutation – a case report

R-15	Serumska koncentracija infliksimaba kod djeteta majke na terapiji infliksimabom i sigurnost cijepljenja <i>Ines Šahinović, Vlasta Oršić Frič, Vlatka Konjik, Vladimir Borzan, Jasna Pavela, Vatroslav Šerić</i>	Serum concentration of infliximab in a child born to mother treated with infliximab and vaccination safety
*R-16	Teški slučaj akutne porfirije <i>Sven Komljenović, Andrijana Ščavničar, Ana Turčić, Luka Bielen, Željka Vogrinc, Mila Lovrić</i>	A severe case of acute porphyria
R-17	Manjak karnitinskog nosača otkriven kod majke kroz novorođenački probir u Hrvatskoj <i>Korana Lipovac, Ivana Križić, Ana Škaričić, Iva Bilandžija Kuš, Tamara Žigman, Danijela Petković Ramadža, Ivo Barić, Ksenija Fumić</i>	First case of maternal carnitine uptake deficiency detected through newborn screening in Croatia
R-18	Preporuke za korištenje prebiotika bazirane na metagenomskoj analizi crijevnog mikrobioma kao dodatni alat u liječenju psorijatičnog artritisa <i>Tihana Serdar Hiršl, Antonia Oršulić, Tanja Bobetić-Vranić, Barbara Kolarić, Ken McGrath</i>	Prebiotic recommendations from metagenomic analysis of the gut microbiome to assist the treatment of psoriatic arthritis
R-19	Parainfektivni encefalitis u COVID -19 bolesnika - prikaz slučaja <i>Snježana Hrabrić Vlah, Vedrana Drvar</i>	Parainfectious encephalitis in COVID -19 patients - case report
*R-20	Evolucija malignog kлона u ranom relapsu pedijatrijske akutne limfoblastične leukemije dokazana metodom oligonukleotidne komparativne genomske hibridizacije-prikaz slučaja <i>Iva Semren, Sanja Prijić, Ivana Franić Šimić, Sanja Davidović Mrsić</i>	Evolution of a malignant clone in early relapse pediatric acute lymphoblastic leukemia established with array comparative genomic hybridization - a case report
R-21	Rijedak slučaj B-kronične limfocitne leukemije s CD20-negativnim imunofenotipom: izazov za terapijsku strategiju <i>Barbara Vuković, Blaženka Dobrošević, Ksenija Paradinović, Jasna Štanfel, Marija Milić, Vatroslav Šerić</i>	A rare case of B-chronic lymphocytic leukemia with CD20-negative immunophenotype: a challenge for therapeutic strategy
S	IZVANANALITIČKA FAZA	EXTRA-ANALYTICAL PHASE

S-01	Utjecaj TEMPUS600 sustava za pneumatski transport uzoraka na uzorke onkoloških pacijenata i pacijenata na dijalizi <i>Anamarija Rade, Anamarija Đuras, Ivanka Ostroški</i>	Effect of TEMPUS600 pneumatic tube system on samples of oncology patients and patients on dialysis
S-02	Utjecaj temperature i svjetla na stabilnost 25-OH-vitamina D <i>Danijela Županić, Gordana Juričić, Mihael Selar, Lorena Honović</i>	Influence of temperature and light on the stability of 25-OH-vitamin D
S-03	Usporedba stabilnosti koncentracije homocisteina u VACUETTE® K3EDTA i VACUETTE® Homocysteine epruveti <i>Alen Vrtarić, Marijana Miler, Lara Milevoj Kopčinović, Marija Božović, Adriana Unić, Nora Nikolac Gabaj</i>	Comparison of stability of homocysteine concentration in VACUETTE® K3EDTA and VACUETTE® homocysteine tubes
S-04	Ispitivanje stabilnosti bikarbonata u serumu na sobnoj temperaturi – utjecaj vremena do centrifugiranja i izloženosti zraku na mjerenje bikarbonata <i>Lucija Franin, Vesna Šupak Smolčić, Mihovil Horvat, Pavica Šonjić, Rebeka Svatić, Dara Metzner, Maja Šimac, Dragana Antončić, Merica Aralica, Lidija Bilić-Zulle</i>	Serum bicarbonate stability study at room temperature – influence of time to centrifugation and air exposure on bicarbonate measurement
S-05	Provjera stabilnosti analita glukoze i gama-glutamyl transferaze (GGT) u serumskim uzorcima <i>Sanja Kačkov, Anamarija Banovac, Marinko Bilušić</i>	Checking the stability of glucose and gamma-glutamyl transferase (GGT) analytes in serum samples
S-06	Arilesterazna aktivnost paraoksonaze 1 u uzorku seruma, EDTA, citratne i heparinske plazme <i>Marija Grdić Rajković, Ana Franjko, Andrea Snagić, Anita Somborac Bačura, Ivana Čelap</i>	Arylesterase activity of paraoxonase 1 in serum, EDTA, citrate and heparin plasma
S-07	Interpretativni komentari u izvještavanju koncentracije željeza u serumu <i>Marijana Miler, Nora Nikolac Gabaj, Adriana Unić, Marija Božović, Lara Milevoj Kopčinović, Alen Vrtarić</i>	Interpretative comments in reporting serum iron concentration

S-08	Uzorkovanje venske krvi – trebamo li kontinuiranu edukaciju? <i>Marija Brčić-Šušak, Leida Tandara</i>	Venous blood sampling – do we need continuing education?
S-09	Utjecaj lagane hemolize seruma na određivanje NSE <i>Tatjana Mikulin, Anamarija Đuras, Anamarija Rade, Ivanka Ostroški, Valentina Cesar Kocijan</i>	Influence of mild hemolysis on determination of nse in serum
T	BIOSTATISTIKA *Usmena prezentacija	BIOSTATISTICS *Oral presentation
*T-01	Strojno učenje za predviđanje optimalnog razrjeđenja likvora za određivanje indeksa specifičnih antitijela <i>Ana Turčić, Željka Vogrinc, Ljiljana Zaninović</i>	Machine learning for predicting optimal cerebrospinal fluid dilution for analysis of specific antibody indices
*T-02	Prikaz slučaja: Primjena BEEM algoritma u praćenju međusobnih odnosa sastavnica urinarne mikrobiote za vrijeme primjene antibiotske terapije <i>Marina Čepnja, Lucija Starčević, Jurica Žučko, Antonio Starčević</i>	Case report: application of BEEM algorithm in monitoring the interrelationships of urinary microbiota components during antibiotic therapy
T-03	Usporedba novog testa Thyroglobulin Alinity i (Abbott) sa testovima za tireoglobulin tvrtke BRAHMS i Roche <i>Sanda Jelisavac Ćosić, Valentina Vidranski, Sanja Kusačić Kuna, Anja Tea Golubić, Ana Šporčić Rak, Martina Ciglar Hlašč</i>	The novel Thyroglobulin Alinity i (Abbott) assay in method comparison with BRAHMS and Roche thyroglobulin assays
U	UPRAVLJANJE LABORATORIJEM	LABORATORY MANAGEMENT
U-01	Procjena rizika za pacijente nakon primjene SKLADIN sustava <i>Snježana Semenski, Bojana Kranjčec, Kornelija Klenkar, Valentina Šenjug, Gordana Tkalec, Anita Lešković, Luka Mavrić, Tamara Bezek</i>	Risk assessment for patients after application of the SKLADIN system
U-02	Procjena rizika za pacijente uvođenjem pneumatskog transporta uzoraka <i>Snježana Semenski, Bojana Kranjčec, Kornelija Klenkar, Gordana Tkalec, Valentina Šenjug, Tamara Bezek, Luka Mavrić, Anita Lešković</i>	Patients risk assessment by introducing pneumatic sample transport

U-03	Intervencija u zadavanje pretrage elektroforeza proteina u urinu s ciljem racionalnijeg korištenja resursa <i>Josip Knežević, Dragana Šegulja, Dunja Rogić</i>	Intervention in urine electrophoresis testing with the aim of more rational use of resources
V	MENADŽMENT U SUSTAVU ZDRAVSTVENE ZAŠTITE	MANAGEMENT IN THE HEALTHCARE SYSTEM
V-01	Analiza utjecaja ukidanja automatskog zadavanja pretraga PCT i NT-proBNP u objedinjenom hitnom bolničkom prijemu <i>Valentina Šenjug, Bojana Kranjčec, Kornelija Klenkar, Snježana Semenski, Gordana Tkalec, Tamara Bezek, Luka Mavrić, Anita Lešković</i>	Analysis of the influence of the elimination of automatically ordered PCT and NT-proBNP tests in the integrated emergency hospital admission
Z	OSTALO *Usmena prezentacija	OTHER *Oral presentation
Z-01	Usporedivost dostupnih metoda za određivanje imunoglobulina D <i>Tajana Šparakl, Dragana Šegulja, Dunja Rogić</i>	Comparability of available methods for determination of immunoglobulin D
Z-02	Određivanje referentnih intervala za ALP, ALT, AST, amilazu, CK, GGT, LD i lipazu nakon PEG precipitacije <i>Ana Nikler, Marko Dvornik, Marina Šipić, Andrea Saračević, Lora Dukić, Ana-Maria Šimundić</i>	Determination of reference intervals for ALP, ALT, AST, amylase, CK, GGT, LD and lipase after PEG precipitation
Z-03	Analitička verifikacija kvantitativnih urinskih kemijskih metoda na Beckman Coulter AU480 kemijskom analizatoru <i>Karolina Novački, Danijela Polak-Erceg, Anita Klasić, Tamara Bezek</i>	Analytical performance evaluation of the Beckman Coulter AU480 quantitative urine chemistry assays
Z-04	Verifikacija imunokemijskih Technopath kontrola <i>Lara Zorić, Marija Siter Kuprešanin, Andrea Saračević, Ana Nikler, Lora Dukić, Ana-Maria Šimundić</i>	Verification of immunochemical Technopath controls
Z-05	Verifikacija Technopath Multichem kontrola na Atellica Solution analizatoru <i>Marija Siter Kuprešanin, Andrea Saračević, Lara Zorić, Ana Nikler, Lora Dukić, Ana-Maria Šimundić</i>	Verification of Technopath Multichem controls on Atellica Solution analyzer

Z-06	Korekcija ukupnog kalcija albuminom u bolesnika s traumom <i>Marina Pavić, Ana Bronić</i>	Albumin adjustment of total calcium in trauma patients
*Z-07	Dijagnostička točnost određivanja ukupne apsorbancije bilirubina prema UK-NEQAS smjernicama za dijagnozu subarahnoidalnog krvarenja <i>Iva Klišanin, Ana Turčić, Ljiljana Zaninović, Željka Vogrinc, Dunja Rogić</i>	Diagnostic accuracy of net bilirubin absorbance according to the UK-NEQAS guidelines for the diagnosis of subarachnoid haemorrhage
Z-08	Dijagnostička točnost Light-ovih kriterija i gradijenta albumina u razlikovanju seroznih tekućina <i>Lara Milevoj Kopčinović, Marijana Miler, Nora Nikolac Gabaj, Adriana Unić, Alen Vrtarić, Marija Božović</i>	Diagnostic accuracy of Light criteria and serum-ascites albumin gradient in the differentiation of serous fluids
Z-09	Utjecaj hemolize na određivanje ugljikohidratom deficijentnog transferina (CDT) kapilarnom elektroforezom <i>Milena Hanžek, Andrea Snagić, Tamara Sušić, Josipa Periša, Ines Vukasović, Andrea Tešija Kuna</i>	Hemolysis interference on determination of carbohydrate deficient transferrin (CDT) using capillary electrophoresis method
Z-10	Analitička verifikacija visokosjetljivog troponina I i prokalcitonina na imunokemijskom analizatoru Vitros 3600 <i>Martina Jurina, Ivana Lapić, Dunja Rogić</i>	Analytical verification of high sensitive troponin I and procalcitonin on the immunoassay analyzer Vitros 3600
Z-11	Budućnost laboratorijske medicine <i>Tara Rolić, Sanja Mandić, Vatroslav Šerić</i>	Future of laboratory medicine

INDEKS AUTORA

A

Antončić Dragana S-04
Aralica Merica S-04

B

Banković Radovanović Patricija I-01
Banovac Anamarija S-05, Z-06
Barberic Tomislav L-08, P-03
Barić Ivo R-17

Barišić Karmela L-01
Baršić Lapić Ivana M-02
Baršić Neven L-01
Benco Kordić Nikolina J-03
Bezek Tamara D-03, U-01, U-02, V-01, Z-03
Bičanić Lucija Ana L-03
Bielen Luka R-16

AUTHOR INDEX

Bilandžija Kuš Iva O-04, R-17
 Bilić Ernest R-01
 Bilić-Zulle Lidija O-01, S-04
 Bilušić Marinko S-05
 Blagec Viktorija A-13
 Bobetić-Vranić Tanja R-18
 Bodalec Melani J-01
 Bogić Anamarija O-03
 Borzan Vladimir R-15
 Bošnjak Bojana P-02
 Božić Josko C-01
 Božičević Sandra D-05, D-06, F-01
 Božina Tamara L-03
 Božović Marija K-01, K-03, R-04, S-03, S-07, Z-08
 Brčić-Šušak Marija S-08
 Brkić Ivona A-09, R-03
 Bronić Ana A-04, A-13, B-03, Z-06
 Bukvić Frane N-01
 Buljan Domagoj J-04
 Bunjevac Amalija L-07
 Butorac Lucija O-05

C

Cerovac Paula A-08, G-02
 Cesar Kocijan Valentina S-09
 Christian Kurolt Ivan I-07
 Ciglar Hlašč Martina T-03
 Coen Herak Desiree A-01, A-05, A-08, A-12, B-01, B-03, L-02, R-01
 Curcic Pero H-01

Č

Čepić Katarina R-10
 Čeprnja Marina T-02
 Čeri Andrea L-01, L-02
 Čičak Helena N-01
 Čolan Nikolina K-02, M-01
 Čuković-Čavka Silvija O-06

Ć

Ćelap Ivana I-08, I-13, L-01, L-07, S-06

D

Daskijević Lucija A-08
 Davidović Mrsić Sanja L-04, R-20

Debeljak Željko P-02
 Dedić Plavetić Natalija L-08, O-06, P-03
 Dejanović Bekić Sara R-01
 Dobrošević Blaženka E-01, G-05, R-02, R-21
 Dorotić Adrijana L-05
 Dorotić Marija A-01, A-11, J-02
 Drenški Valentina A-05, D-07
 Drexler Camilla H-01
 Drvar Vedrana R-05, R-19
 Dujic Goran C-01
 Dukić Kristina G-04
 Dukić Lora B-04, D-01, N-01, Z-02, Z-04, Z-05
 Dundović Sandra A-12
 Duvnjak Mario I-03, O-02
 Dvornik Marko Z-02
 Dževrnja Viro Dijana R-10

Đ

Đerek Lovorka A-09, C-02, O-05, R-03, R-08
 Đira Anđelka L-04
 Đuras Anamarija D-08, S-01, S-09

E

Enko Dietmar H-01

F

Franić Šimić Ivana L-04, R-14, R-20
 Franin Lucija S-04
 Franjko Ana S-06
 Friščić Iva J-02
 Fuček Mirjana M-02
 Fumić Ksenija O-04, R-17

G

Ganoci Lana L-03
 Gojević Ante O-06
 Golubić Anja Tea T-03
 Gomerčić Marija I-13
 Grabić Maja B-02, I-12
 Grdić Marija S-06

H

Halusek Roberta A-06

Hanžek Milena G-03, Z-09
 Herrmann Markus H-01
 Holik Hrvoje R-14
 Honović Lorena I-11, P-04, S-02
 Horvat Ivana L-06
 Horvat Mihovil S-04
 Horvat Verica D-08
 Hrabrić Vlah Snježana R-05, R-19
 Hrgović Tomislav R-07
 Hulina Tomašković Andrea L-01

I

Imširović Indira R-12
 Ivić Matea A-11, I-05, P-01

J

Jakovljević Gordana J-04, R-13
 Janković Saša N-01
 Jelisavac Ćosić Sanda T-03
 Josipović Marina D-04
 Jovanović Marijana C-02, R-08, R-12
 Jurasović Jasna L-05
 Jurčić-Karlović Erika B-04
 Jurić Magdalena L-01
 Juričić Gordana P-04, S-02
 Jurina Martina Z-10

K

Kačkov Sanja S-05, Z-06
 Kardum Paro Mirjana Mariana A-02, A-07, A-11, I-05, I-07, J-02, P-01
 Katušić Bojanac Ana J-04
 Klasić Anita Z-03
 Klenkar Kornelija D-03, U-01, U-02, V-01
 Klišanin Iva Z-07
 Kljaković-Gašpić Zorana L-05
 Kmet Marta R-12
 Knežević Josip G-02, U-03
 Knežević Stromar Ivana O-06
 Kolarić Barbara R-18
 Komljenović Sven R-16
 Konjik Vlatka R-15
 Koroman Dropulić Vedrana I-09, I-10, I-11
 Koržinek Martha J-04, R-11
 Kozmar Ana G-04

Kralik-Oguić Saša O-06
 Kraljević Anđela A-08
 Kraljević Pavla B-04
 Kranjčec Bojana D-03, U-01, U-02, V-01
 Kranjčec Izabela J-04
 Krešić Branka B-03
 Krhač Maja D-05, D-06, F-01
 Križić Ivana R-17
 Krnjić-Tadijanović Milena D-04
 Kukuruzović Živković Ksenija A-09, R-03

Kulić Ana O-06
 Kumric Marko C-01
 Kurić Lejla A-02, A-07
 Kusačić Kuna Sanja T-03

L

Lapić Ivana A-01, A-05, A-08, B-01, R-01, Z-10
 Leniček Krleža Jasna B-03, J-04, L-02, R-11
 Lerga Mate O-01
 Lešković Anita D-03, U-01, U-02, V-01
 Linarić Irena J-03, R-13
 Lipovac Korana R-17
 Loinjak Domagoj I-03, I-04, O-02
 Lovrić Mila R-16
 Lukić Iva I-06
 Ljubičić Neven L-01
 Ljubić Hana L-08
 Ljubimir Diana K-02

M

Mačukat Dorjana A-12
 Majerović Matea O-03
 Mandić Sanja I-03, I-04, I-06, J-01, O-02, Z-11
 Marević Sanja C-02, R-08, R-12
 Margetić Sandra A-04, A-06, A-10, B-03
 Marijančević Domagoj D-07, N-01
 Marković Ivana P-02
 Martinović Dinko C-01
 Matišić Ena D-05, D-06
 Mavrić Luka D-03, U-01, U-02, V-01
 McGrath Ken R-18

Meinitzer Andreas	H-01	Palić Jozefina	A-12, L-03
Melvan Ena	T-02	Paradinović Ksenija	A-03, B-02, R-02, R-09, R-21
Merkler Ana	L-08	Parašilovac Nikolina	I-05
Metzner Dara	S-04	Pašalić Daria	L-05, N-01
Mihić Damir	I-03, I-04, O-02	Pavela Jasna	D-02, R-07, R-15
Mihić Roman	I-13	Pavičić Tomislav	I-08, I-13, L-07
Mijakić Marija	D-04	Pavić Marina	A-13, L-02, Z-06
Miklić Ivana	G-03	Pavletić Martina	O-01
Mikulin Tatjana	S-09	Penava Filip	F-01
Milakara Anđelka	I-09, I-10, I-11, P-04	Periša Josipa	A-10, Z-09
Miler Marijana	K-01, K-03, R-04, S-03, S-07, Z-08	Perkov Sonja	I-05, J-02, P-01
Milevoj Kopčinović Lara	A-04, K-01, K-03, R-04, S-03, S-07, Z-08	Perović Antonija	K-02, M-01
Milić Marija	A-03, B-02, B-03, I-12, R-02, R-09, R-21	Petković Ramadža Danijela	R-17
Miloš Marija	A-01, A-05, A-08, A-12	Petlevski Roberta	L-01
Mioč Tatjana	L-05	Piasek Martina	L-05
Miškić Blaženka	D-04	Pipić-Kitter Alma	D-04
Mrđenović Stefan	R-07	Pleština Stjepko	O-06
Mucalo Iva	L-03	Pocrnja Ana	I-06
Mujagić Renat	I-09, I-10, I-11	Polak-Erceg Danijela	Z-03
N		Polančec Denis	A-02, A-07
Nehutni Marijana	R-14	Polić Monika	O-04
Nesek-Adam Višnja	I-02	Popović Marina	P-03
Niedrist Tobias	H-01	Premužić Marina	O-06
Nikler Ana	Z-02, Z-04, Z-05	Prijić Sanja	R-20
Nikolac Gabaj Nora	K-03, K-01, R-04, S-03, S-07, Z-08	Pušeljić Silvija	R-06
Novački Karolina	Z-03	R	
NJ		Rade Anamarija	A-08, D-08, S-01, S-09
Njire Bratičević Marina	M-01	Radeljak Andrea	J-02, P-01
O		Radić Margareta	L-02, L-06, R-01, R-14
Obuljen Jasna	J-03, R-13	Radman Anita	I-13, K-01, K-03, R-04
Omazić Jelena	R-06, R-07	Rako Ivana	L-08, P-03
Orct Tatjana	L-05	Rešić Arnes	J-03
Orešković Ivana	O-06	Ris Marko	G-03
Oršić Frič Vlasta	R-15	Rogić Dunja	A-01, A-05, A-08, B-01, G-02, L-06, L-08, M-02, O-03, R-01, R-14, U-03, Z-01, Z-07, Z-10
Oršolić Ljubica	D-04	Rogić Namačinski Jasna	R-06
Oršulić Antonia	R-18	Rolić Tara	I-06, Z-11
Ostojić Rajko	O-06	Rupčić Gračanin Ivana	B-01
Ostroški Ivanka	D-08, S-01, S-09	S	
P		Sabadi Dario	I-03, O-02
		Samardžić Jure	L-03

Saračević Andrea D-01, I-02, Z-02, Z-04, Z-05
 Sarić Ivana I-03, I-04, J-01
 Schlenke Peter H-01
 Sedlić Filip O-06
 Sekovanić Ankica L-05
 Selar Mihael S-02
 Semenski Snježana D-03, U-01, U-02, V-01
 Semren Iva L-04, R-20
 Serdar Hiršl Tihana R-18
 Sirotković-Skerlev Maja O-06
 Siter Marija Z-04, Z-05
 Smaić Fran D-04
 Snagić Andrea A-10, S-06, Z-09
 Somborac Bačura Anita D-07, L-01, O-05, S-06
 Stančin Nevenka C-02, O-05, R-08
 Stanić Ana K-02, M-01
 Stanisic Lada C-01
 Starčević Antonio T-02
 Starčević Lucija T-02
 Stasenko Sandra L-05
 Stipanović-Kastelić Jasminka J-02
 Sulimanec Grgec Antonija L-05
 Supe-Domic Daniela C-01
 Sušić Tamara G-03, Z-09
 Svatić Rebeka S-04
 Svetličić Ema T-02

Š

Šahinović Ines D-02, I-03, I-04, O-02, R-15
 Šamija Ivan I-08
 Ščavničar Andrijana R-16
 Šegulja Dragana O-03, U-03, Z-01
 Šenjuga Valentina D-03, U-01, U-02, V-01
 Šerić Vatroslav A-03, B-02, D-02, E-01, G-05, I-03, I-04, I-12, J-01, O-02, P-02, R-02, R-07, R-15, R-21, Z-11
 Šiftar Zoran A-02, A-07, A-11
 Šimac Brankica A-09, R-03
 Šimac Maja S-04
 Šimičević Livija L-03

Šimundić Ana-Maria B-04, D-01, I-02, N-01, Z-02, Z-04, Z-05
 Škaričić Ana O-04, R-17
 Šonjić Pavica S-04
 Šparakl Tajana A-12, O-03, Z-01
 Šporčić Rak Ana T-03
 Štanfel Jasna A-03, B-02, R-02, R-09, R-21
 Štefanović Mario I-08, I-13, L-07
 Šupak Smolčić Vesna O-01, S-04
 Šustić Alan O-01

T

Tadinac Sanja I-08, L-07
 Tancabel Mačinković Ana O-01
 Tandara Leida S-08
 Taradi Ida A-11
 Tatjana Mikulin D-08
 Tešija Kuna Andrea G-03, Z-09
 Ticinovic Kurir Tina C-01
 Tkalčić Švabek Željka I-07
 Tkalec Gordana D-03, U-01, U-02, V-01
 Tomić Franciska A-04, A-06, A-10
 Troha Mateja D-04
 Turčić Ana G-01, R-16, T-01, Z-07

U

Unić Adriana K-01, K-03, S-03, S-07, R-04, Z-08

V

Verbanac Donatella L-01
 Vidmar Valerija L-04
 Vidranski Valentina T-03
 Vilović Marino C-01
 Vogrinc Željka G-01, R-16, T-01, Z-07
 Vranić Melita O-06
 Vrdoljak Josip C-01
 Vrdoljak-Colo Iva D-01
 Vrkić Majda L-03
 Vrtaric Alen K-01, K-03, R-04, S-03, S-07, Z-08
 Vučić Marijana D-05, D-06, F-01
 Vuga Ivana A-04, A-06, A-10
 Vukasović Ines A-04, G-03, Z-09
 Vuković Barbara E-01, G-05, R-02, R-21

Vuljanić Dora I-02

Z

Zadro Renata L-02, R-01

Zaninovic Ljiljana G-01, T-01, Z-07

Zelzer Sieglinde H-01

Zorić Lara Z-04, Z-05

Zrinski Topić Renata L-02, R-11

Ž

Žarak Marko C-02

Žigman Tamara P-03, R-17

Živković Marcela A-09, R-03

Žučko Jurica T-02

Županić Danijela S-02

NAGRADE KONGRESA

Nagrada Znanstvenog odbora -

Znanstveni odbor izabire najbolje usmeno izlaganje u užoj selekciji prihvaćenih sažetaka

Najbolji e-poster – svi sudionici kongresa mogu u mobilnoj aplikaciji glasati za najbolji e-poster

CONGRESS AWARDS

Scientific committees' award –

Scientific committee selects the best oral presentation among the selection of accepted abstracts

The best e-poster – all congress participants can vote for the best e-poster in the mobile application





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OPĆE INFORMACIJE

REGISTRACIJSKI PULT

Registracijski pult je otvoren:

28. rujna	10:00 - 19:00
29. rujna	07:30 - 16:00
30. rujna	07:30 - 16:00
1. listopada	08:00 - 13:00

Registracije neće biti moguće bez dokaza o uplati.

KOTIZACIJA

	Rana	Redovna	Na licu mjesta
	do 1.9..22.	do 28.9.22.	29.9.-1.10.2022.
	HRK	HRK	HRK
* Puna kotizacija - članovi HDMBLM	2,800.00	3,300.00	3,800.00
** Puna kotizacija - članovi HDMBLM (< 35 godina)	2,300.00	2,800.00	3,300.00
Nečlanovi HDMBLM	3,700.00	4,200.00	4,700.00
*** Nečlanovi HDMBLM (< 35 godina)	3,000.00	3,500.00	4,000.00
Dnevna kotizacija	1,300.00	1,500.00	1,700.00

* Članovi HDMBLM-a s plaćenom članarinom za 2022. godinu

** Članovi HDMBLM rođeni 28. rujna 1987. godine ili kasnije, a koji imaju plaćenu članarinu za 2022. godinu

*** Osobe rođene 28. rujna 1987. godine ili kasnije, a koje nisu članovi HDMBLM-a

Puna kotizacija uključuje - ulaz na sva plenarna predavanja, simpozije, sekciju Pitajte stručnjaka po izboru, predkongresni simpozij i predkongresni simpozij za mlade, izlaganja postera,

GENERAL INFORMATION

REGISTRATION DESK

The registration desk is open as follows:

28 September	10:00 - 19:00
29 September	07:30 - 16:00
30 September	07:30 - 16:00
1 October	08:00 - 13:00

Registrations without the proof of payment will not be accepted.

REGISTRATION FEE

	Early-bird until Sept 1 st 22	Standard until Sept 28 th 22	Onsite Fee Sept 28 th to Oct 1 st , 22
	HRK	HRK	HRK
* Full Rate - CSMBLM Member	2,800.00	3,300.00	3,800.00
** Full Rate -CSMBLM Member (< 35 years)	2,300.00	2,800.00	3,300.00
CSMBLM Non-member	3,700.00	4,200.00	4,700.00
*** CSMBLM Non-member (< 35 years)	3,000.00	3,500.00	4,000.00
Day Registration	1,300.00	1,500.00	1,700.00

* CSMBLM members with paid membership fee for 2022

** CSMBLM members born since Sept 28th 1987, with paid membership fee for 2022

*** Persons born since Sept 28th 1987, and are not members of CSMBLM

Full registration fee includes - Access to all plenary lectures, Symposia, chosen Meet the Expert section, poster presentations, Pre-Congress Symposia, Pre-Congress for Young scientists

industrijske radionice, izložbeni prostor, torbu s kongresnim materijalima, posterske sažetke (e-pristup), završni program, mobilnu app, potvrđnicu o sudjelovanju, svečano otvaranje kongresa s koktelom dobrodošlice, stanke za kavu, ručak, PDV 25%

Dnevna kotizacija uključuje - ulaz na plenarno predavanje, simpozije, sekciju Pitajte stručnjaka po izboru, izlaganja postera, industrijske radionice, izložbeni prostor za odabrani dan sudjelovanja na kongresu, predkongresni simpozij i predkongresni simpozij za mlade, torbu s kongresnim materijalima, posterske sažetke (e-pristup), završni program kongresa, mobilnu app, potvrđnica o sudjelovanju, stanke za kavu, ručak, PDV 25%

SLUŽBENI JEZIK

Službeni jezici kongresa su hrvatski i engleski jezik. Simultani prijevod nije osiguran.

URED ZA TEHNIČKU PODRŠKU

Ured za tehničku podršku bit će otvoren svaki dan tijekom trajanja kongresa.

KONGRESNE ISKAZNICE

Svi sudionici kongresa će nakon prijave na registracijskom pultu dobiti kongresne iskaznice u boji koja odgovara dnevnoj ili punoj kotizaciji te QR kodom s jedinstvenim informacijama o izboru sekcije Pitaj stručnjaka i kongresne večere. Svi sudionici kongresa dužni su nositi kongresne iskaznice tijekom cijelog trajanja kongresa.

POTVRDNICA O SUDJELOVANJU

Potvrđnica o sudjelovanju bit će dostavljena putem elektroničke pošte

Symposia, Educational workshops and Exhibition area, Congress Bag, Final Program, Book of Abstracts (e-access), Mobile app, Certificate of Attendance, Opening Ceremony and Welcome Reception, Coffee breaks, Lunch breaks, 25% VAT

Day registration fee includes - Access to the plenary lecture and Symposia on the day of attendance, Meet the Expert section, poster presentations, Pre-Congress Symposia, Young scientists Symposia, Educational workshops and Exhibition area, Congress Bag, Final Program, Book of Abstracts (e-access), Mobile app, Certificate of Attendance, Opening Ceremony and Welcome Reception, Coffee break and Lunch break, 25% VAT

OFFICIAL LANGUAGE

The official languages of the Congress are Croatian and English. No simultaneous translation is provided.

TECHNICAL SUPPORT OFFICE

Technical support office will operate every day during the Congress.

ACCREDITATION

All participants will receive a name badge after the check-in at the registration desk in the color matching the daily or full registration and QR code containing individual information on Meet the expert and congress dinner selection. The badge must be always worn since only registered participants will be admitted to the scientific sessions.

CERTIFICATE OF ATTENDANCE

Certificate of attendance will be issued to properly registered attendees.

svim uredno prijavljenim sudionicima nakon završetka kongresa.

E-POSTERI

E-posteri će biti dostupni putem mobilne aplikacije i na ekranima unutar izložbenog prostora tijekom trajanja kongresa.

OBJAVA SAŽETAKA

Svi prihvaćeni sažetci bit će objavljeni u elektroničkom obliku u posebnom izdanju časopisa Biochemia Medica.

IZLOŽBENI PROSTOR

Sudionici kongresa pozvani su da posjete industrijsku izložbu koja se nalazi u prizemlju i otvorena je prema sljedećem rasporedu:

28. rujna	12:00 - 16:00
29. rujna	08:00 - 18:00
30. rujna	08:00 - 18:00
1. listopada	09:00 - 14:00

STANKE ZA KAVU I RUČAK

Tijekom stanki u jutarnjim satima, u prostoru izložbenog prostora, za sve uredno prijavljene sudionike bit će ponuđena kava i čaj.

Tijekom stanke za ručak, za sve uredno prijavljene sudionike, u restoranu na prvom katu služiti će se ručak.

TAJNIŠTVO KONGRESA

Jasna Đogić, tajnica
e-mail: hdmbml@hdmbml.hr
HDMBLM, Boškovićeve 18, 10000 Zagreb, Hrvatska
Telefon: + 385 1 48 28 133

TEHNIČKI ORGANIZATOR KONGRESA

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Certificates of attendance will be sent by email after the congress.

E-POSTERS

E-posters will be available in the congress' app and displayed on screens inside the Exhibition Area.

ABSTRACT PUBLICATION

All accepted abstracts will be published in a special on-line issue of the Biochemia Medica journal.

INDUSTRY EXHIBITION

Participants are invited to visit the industry exhibition located on the ground level and open as follows:

28 September	12:00 - 16:00
29 September	08:00 - 18:00
30 September	08:00 - 18:00
1 October	09:00 - 14:00

COFFEE AND LUNCH BREAKS

During intermission in the morning hours, inside the Exhibition Area, refreshments will be offered for all properly registered participants.

During the lunch break, lunch will be served in the restaurant on the first floor for all properly registered participants.

CONGRESS SECRETARIAT

Jasna Đogić, Secretary
e-mail: hdmbml@hdmbml.hr
CSMBLM, Boškovićeve 18, 10000 Zagreb, Croatia
Phone: + 385 1 48 28 133

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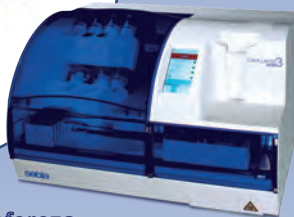
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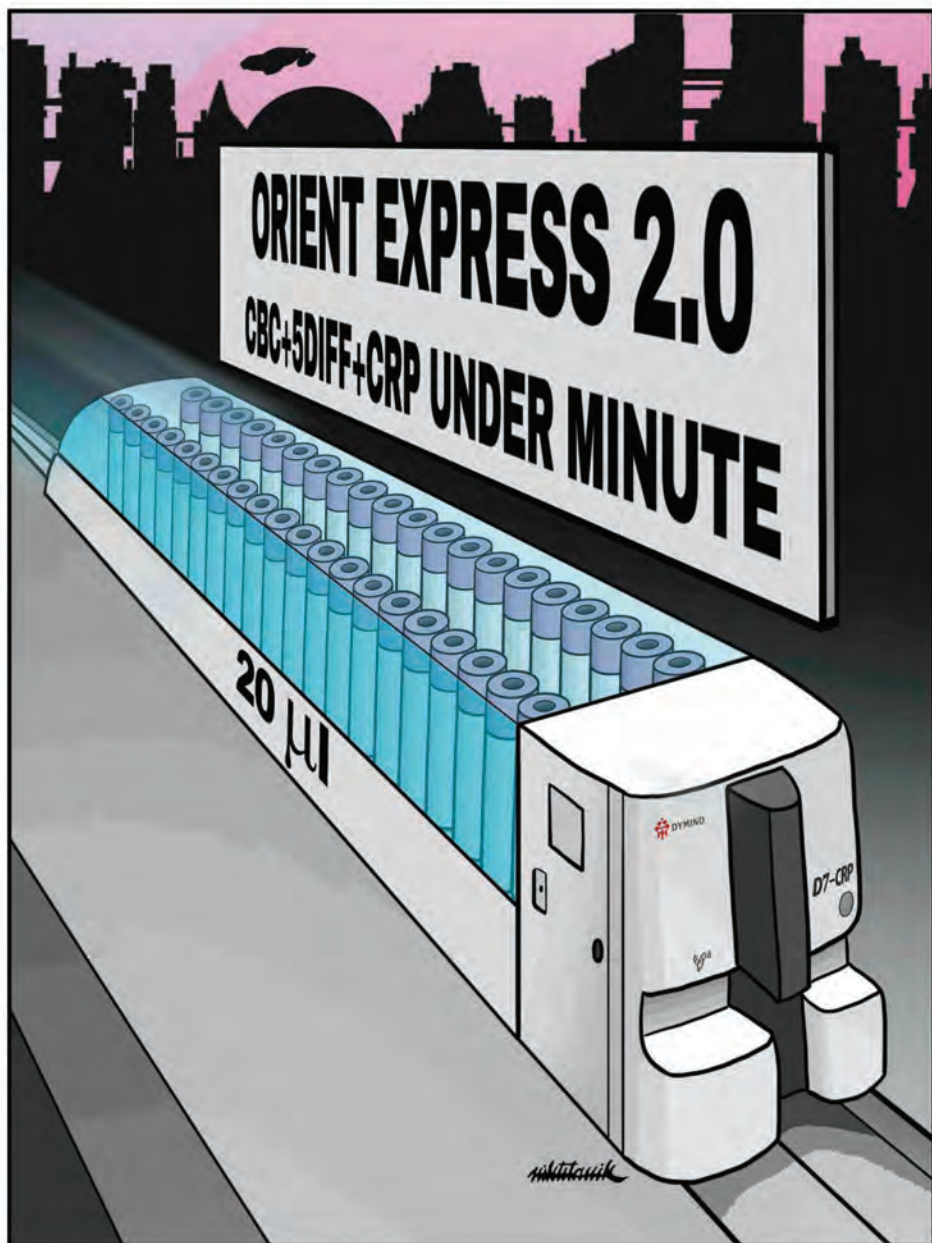
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