



15-18 October 2026 / SREBRENO, CROATIA

12th Congress



HDMBLM

12th CONGRESS OF THE CROATIAN SOCIETY OF
MEDICAL BIOCHEMISTRY AND LABORATORY MEDICINE
with international participation

Poštovane kolegice i kolege, dragi suradnici i prijatelji,

Iznimna mi je čast i zadovoljstvo pozdraviti Vas na 12. Kongres Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu s međunarodnim sudjelovanjem.

Nacionalni kongres Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu najveći je znanstveno-stručni događaj iz područja medicinske biokemije i laboratorijske medicine u Hrvatskoj i već tradicionalno okuplja magistre i specijaliste medicinske biokemije i laboratorijske medicine iz Hrvatske i zemalja regije, kao i znanstvenike i stručnjake drugih medicinskih struka.

Cilj ovog kongresa jest predstaviti novosti u medicinsko-biokemijskoj djelatnosti kroz multidisciplinarni znanstveno-stručni program, predavanja renomiranih domaćih i stranih predavača iz različitih područja medicinsko-biokemijske djelatnosti, prikaze posterskih sažetaka, industrijske radionice te bogatu izložbenu ponudu. Ovakav koncept kongresa omogućiti će interaktivno sudjelovanje sudionika te zasigurno potaknuti konstruktivne rasprave, promišljanja i ideje za unaprjeđenje medicinsko-biokemijske djelatnosti.

S obzirom na brzi razvoj struke, dijagnostičke, terapijske i tehnološke napretke kojima svjedočimo u svom svakodnevnom radu, svi imamo ponešto za prikazati na ovom kongresu, što ste i potvrdili slanjem zavidnog broja posterskih sažetaka.

Kongres je jedinstvena prilika za neposrednu razmjenu najnovijih stručnih znanja, znanstvenih dostignuća i iskustava iz profesionalnog rada, a takav izravni kontakt izvan zidova laboratorija i zdravstvenih ustanova nadahnjuje i olakšava umrežavanje s kolegama te uspostavljanje novih suradnji s ciljem znanstvenog i stručnog napretka. Vjerujem da ćete i nakon ovog kongresa biti bogatiji za nove spoznaje koje ćete moći primijeniti u svojim laboratorijima, ali i koje će Vas potaknuti na znanstveno-istraživački rad.

U ime Organizacijskog odbora, želim svima srdačnu dobrodošlicu na 12. Kongres Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu s međunarodnim sudjelovanjem.

Predsjednica Organizacijskog odbora

Doc. dr. sc. **Ivana Lapić**, specijalist medicinske biokemije i laboratorijske medicine

Dear colleagues, collaborators and friends,

It is my distinct honor and pleasure to welcome you to the 12th Congress of the Croatian Society of Medical Biochemistry and Laboratory Medicine with international participation.

The national congress of the Croatian Society of Medical Biochemistry and Laboratory Medicine is the most important scientific and professional event in the field of medical biochemistry and laboratory medicine in Croatia, which traditionally brings together professionals in medical biochemistry and laboratory medicine, but also scientists and professionals from other medical fields.

The aim of this congress is to present advancements in the field of medical biochemistry and laboratory medicine through a multidisciplinary scientific and professional program, lectures by renowned domestic and foreign lecturers from various fields of the laboratory profession, poster presentations, industrial workshops and a rich industrial exhibition. Such concept enables interactive participation and will undoubtedly encourage fruitful discussions and thought-provoking ideas that will eventually lead to improvements of the medical-biochemistry profession.

Given the rapid development of the profession, diagnostic, therapeutic and technological advances which we all evidence in our everyday work, a remarkable number of poster abstracts has been submitted, providing an insight into latest professional and scientific work of our congress delegates.

This congress is a unique opportunity for exchange of the latest professional and scientific achievements and experiences, and such direct contact outside the usual laboratory environment can be truly inspiring and facilitates networking with colleagues as well as establishment of new collaborations that can lead to scientific and professional progress. I strongly believe that every congress participant will benefit from it and will gain new knowledges that will improve your everyday laboratory work, but I also hope that this congress will encourage you to engage into scientific research.

On behalf of the Organizing Committee, I extend you a warm welcome to the 12th Congress of the Croatian Society of Medical Biochemistry and Laboratory Medicine with international participation.

President of the Organizing Committee

Assist. Prof. **Ivana Lapić**, EuSpLM

Poštovane kolegice i kolege,

veliko mi je zadovoljstvo poželjeti Vam dobrodošlicu na 12. kongres Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu, koji se održava u Srebrenom od 15. do 18. listopada 2026.

Znanstveni program ovogodišnjeg kongresa osmišljen je kako bi obuhvatio najvažnije aktualnosti i izazove u području laboratorijske medicine, s posebnim naglaskom na suvremene tehnologije i njihovu primjenu u svakodnevnoj praksi. Prije-kongresni simpozij posvećen umjetnoj inteligenciji donosi uvid u njezinu sve veću ulogu u analizi podataka, interpretaciji rezultata i potpori kliničkom odlučivanju.

Tijekom kongresa obrađivat će se brojne relevantne teme, od dijagnostike i zbrinjavanja životno ugrožavajućih krvarenja te terapijskog praćenja lijekova, sve do uloge laboratorijske medicine u alergijskim bolestima i sportskoj medicini. Posebna pažnja posvećena je translacijskim istraživanjima u genetici i epigenetici, kao i razvoju i primjeni novih biomarkera, uključujući miRNA u onkologiji, što dodatno naglašava važnost personaliziranog pristupa u medicini.

Program je obogaćen plenarnim predavanjima uglednih domaćih i međunarodnih stručnjaka te usmenim izlaganjima koja odražavaju raznolikost i kvalitetu znanstvenog rada u našoj struci.

Vjerujemo da će kongres biti izvrsna prilika za razmjenu znanja i iskustava, poticanje interdisciplinarne suradnje te razvoj novih ideja koje će pridonijeti daljnjem unapređenju laboratorijske medicine.

Zahvaljujem svim predavačima, autorima i članovima znanstvenog odbora na njihovom doprinosu, kao i svim sudionicima na interesu i sudjelovanju.

Želimo Vam ugodan i uspješan boravak u Srebrenom.

Predsjednica Znanstvenog odbora

Prof. dr. sc. **Jasenska Wagner Kostadinović,**

specijalist medicinske biokemije i laboratorijske medicine

Dear colleagues, participants, and distinguished guests,

it is my great pleasure to welcome you to the 12th Congress of the Croatian Society of Medical Biochemistry and Laboratory Medicine, taking place in Srebreno, Croatia, 15-18 October 2026.

The scientific program has been carefully designed to reflect current trends and challenges in laboratory medicine, with a particular focus on the application of modern technologies in clinical practice. The pre-congress symposium dedicated to artificial intelligence highlights its growing role in data analysis, result interpretation, and clinical decision support.

Throughout the congress, a wide range of topics will be addressed, including life-threatening bleeding and hemostasis, therapeutic drug monitoring, allergic diseases and sports medicine. Special attention is given to translational research in genetics and epigenetics, as well as to the development and clinical application of novel biomarkers, including miRNA in oncology – emphasizing the shift toward personalized medicine.

The program is further enriched by plenary lectures from distinguished national and international experts, as well as oral presentations showcasing the diversity and quality of scientific work in our field.

We believe this congress will provide an excellent opportunity for knowledge exchange, interdisciplinary collaboration, and the generation of new ideas that will further advance our profession.

I would like to thank all speakers, authors, and members of the scientific committee for their valuable contributions, and all participants for their interest and engagement.

We wish you a productive and inspiring congress.

Chair of the Scientific Committee

Prof. **Jasenska Wagner Kostadinović**, PhD, EuSpLM

OPĆE INFORMACIJE / GENERAL INFORMATION

Registracijski pult / Registration desk:

Sheraton Dubrovnik Riviera Hotel, prizemlje /
Sheraton Dubrovnik Riviera Hotel, ground floor

15. listopada 2026. / 15 October 2026 / 12-19 h

16. listopada 2026. / 16 October 2026 / 8-17 h

17. listopada 2026. / 17 October 2026 / 8-17 h

18. listopada 2026. / 18 October 2026 / 8-10 h

Tehnička podrška za predaju prezentacija /

Technical support for presentations and audio-visual equipment:

Dvorana Orlando A i B / Hall Orlando A and B

Kongresne dvorane / Congress halls:

Orlando A i Orlando B, Sheraton Dubrovnik Riviera Hotel

E-posteri / E-posters:

E-posteri će biti dostupni putem mobilne aplikacije i na ekranima unutar izložbenog prostora tijekom trajanja kongresa. / E-posters will be available in the congress' app and displayed on screens inside the Exhibition Area.

Izložbeni prostor / Exhibition area

Predvorje Sheraton Dubrovnik Riviera Hotela i Dvorana Orlando C, prizemlje /
Sheraton Dubrovnik Riviera Hotel Lobby, and Hall Orlando C, ground floor

Stanke za kavu i ručak / Coffee breaks and lunch

Stanka za kavu / Coffee break: Predvorje Sheraton Dubrovnik Riviera Hotela, prizemlje / Kava i bezalkoholna pića bit će dostupni tijekom trajanja Kongresa (15. – 18. listopada 2026.). / Sheraton Dubrovnik Riviera Hotel Lobby, ground floor / Coffee and nonalcoholic drinks will be served during the Congress (15-18 October 2026).

Stanka za ručak / Lunch break

Restoran Leut, Sheraton Dubrovnik Riviera Hotel / Ručak će biti dostupan za vrijeme trajanja Kongresa (16. i 17. listopada 2026.). / Restaurant Leut, Sheraton Dubrovnik Riviera Hotel / Lunch will be served during the Congress (16-17 October 2026).

Društveni program / Social program

Otvorenje i počasno predavanje / Opening ceremony with Honorary lecture
Dvorana Orlando, Sheraton Dubrovnik Riviera Hotel (15. listopada 2026.) / Hall
Orlando, Sheraton Dubrovnik Riviera Hotel (15 October 2026)

Piće dobrodošlice / Welcome reception

Predvorje Sheraton Dubrovnik Riviera Hotela, prizemlje (15. listopada 2026.) /
Lobby bar, Sheraton Dubrovnik Riviera Hotel, ground floor (15 October 2026)

Kongresna večera / Congress dinner

Banje Beach Restaurant Lounge & Club, Ulica Frana Supila 10/B, 20 000
Dubrovnik, 17. listopada 2026. u 20.00 sati – samo za sudionike koji su prijavili i
platili večeru / Banje Beach Restaurant Lounge & Club, 17 October 2026 at 8 PM –
only for participants who booked and paid for dinner

Zatvaranje kongresa / Closing ceremony

Dvorana Orlando A, Sheraton Dubrovnik Riviera Hotel (18. listopada 2026.) /
Hall Orlando A, Sheraton Dubrovnik Riviera Hotel (18 October 2026)

Službeni jezici kongresa / Congress official languages

Hrvatski i engleski. Simultani prijevod nije dostupan. /
Croatian and English. Simultaneous translation is not available.

Tehnički organizator kongresa / Professional congress organizer

O-TOURS PCO d.o.o. / Gajeva 6/1, 10000 Zagreb
Tel: +385 98 9805716 / Email: tatjana.koprtla@otours.hr
Mrežne stranice kongresa / Congress websites:
<https://kongres2026.hdmblm.hr/index.php/hr>
<https://events.otours.hr/HDMBLM>

Mobilna aplikacija / Mobile App

pristup aplikaciji putem EMPL sustava / access through the EMPL system
Tel: 099 2772237 / marinko@eventrify.us

Kotizacija uključuje / Registration fee includes:

- Službeno otvaranje kongresa / Congress opening ceremony
- Ulaz na sva predavanja, simpozije i radionice / Admission to all lectures, symposia and workshops
- Pristup izložbenom prostoru kongresa / Access to the exhibition area of the congress
- Identifikacijski bedž / Identification badge*
- Korištenje mobilne aplikacije / Mobile application access
- Potvrda o sudjelovanju / Certificate of attendance
- Piće dobrodošlice / Welcome reception
- Stanke za kavu i ručak / Coffee breaks and lunch breaks

Raspored usmenih izlaganja postera / Oral presentation schedule

Raspored usmenih izlaganja nalazi se u znanstvenom programu Kongresa u terminu od 14:00 do 15:00 (petak, 16. listopada 2026. i subota, 17. listopada 2026.) / The schedule of poster oral presentations is available in the scientific program of the Congress from 2 pm to 3 pm (Friday, 16 October 2026 and Saturday, 17 October 2026).

Sažetci / Abstracts

Svi sažeci bit će objavljeni u elektroničkom obliku u posebnom izdanju časopisa Biochemia Medica. / All abstracts will be published in a supplement on-line issue of the Biochemia Medica journal.

Potvrda o sudjelovanju / Certificate of attendance

Potvrda o sudjelovanju bit će dostupna unutar mobilne aplikacije nakon završetka kongresa. / Certificate of attendance will be available within the mobile application after the Congress.

*** Identifikacijski bedž / Identification badge**

Identifikacijski bedž/e-posjetnica sadrži NFC oznaku s podacima o sudioniku unesenim prilikom prijave. Kontakt podatci se mogu podijeliti s drugima dodirom NFC oznake mobitelom ili skeniranjem QR koda mobitelom prilikom čega se podatci spremaju u adresar. / The identification badge/e-business card contains an NFC tag with information about the participant entered during registration. Contact data can be shared with others by touching the NFC tag or by scanning the QR code with a mobile phone, which saves contact data in the address book.

ORGANIZATOR / ORGANIZER



Hrvatsko društvo za medicinsku
biokemiju i laboratorijsku medicinu /
Croatian Society of Medical
Biochemistry and Laboratory Medicine

Jasna Đogić – tajnica / secretary

ORGANIZACIJSKI ODBOR / ORGANIZING COMMITTEE

Ivana Lapić, Klinički bolnički centar
Zagreb (predsjednica)

Andrea Čeri, Sveučilište u Zagrebu
Farmaceutsko-biokemijski fakultet
Josipa Kuleš, Sveučilište u Zagrebu
Veterinarski fakultet

Marina Njire Bratičević, Opća bolnica
Dubrovnik

Vladimira Rimac, Klinički bolnički
centar Zagreb

ZNANSTVENI ODBOR / SCIENTIFIC COMMITTEE

Jasenska Wagner Kostadinović,
Medicinski fakultet Sveučilišta
Josipa Jurja Strossmayera u Osijeku
(predsjednica)

Tanja Antunović, Klinički centar
Crne Gore

Ivana Čelap, Klinički bolnički centar
Sestre milosrdnice

Željko Debeljak, Klinički bolnički
centar Osijek

Adrijana Dorotić, Klinička bolnica
Sveti Duh

Mila Lovrić, Klinički bolnički
centar Zagreb

Ivanka Mikulić, Sveučilišna klinička
bolnica Mostar

Marija Milić, Klinički bolnički
centar Osijek

Vanja Radišić Biljak, Klinička bolnica
Sveti Duh

POČASNI PREDAVAČ / HONORARY LECTURER

Stribor Marković (Rijeka, Croatia)

PLENARNI PREDAVAČI / PLENARY LECTURERS

Daria Pašalić (Zagreb, Croatia)

Lada Rumora (Zagreb, Croatia)

Tomáš Zima (Prague, Czech Republic)

PREDAVAČI / LECTURERS

Tamer Bego (Sarajevo, Bosnia
and Herzegovina)

Urška Bidovec-Stojković
(Golnik, Slovenia)

Désirée Coen Herak (Zagreb, Croatia)

Ivana Čelap (Zagreb, Croatia)

Željko Debeljak (Osijek, Croatia)

Adrijana Dorotić (Zagreb, Croatia)

Leo Dumbović (Zagreb, Croatia)

Johannes Elias (Berlin, Germany)

Glynis Frans (Leuven, Belgium)

Gordana Fressl Juroš (Zagreb, Croatia)

Lana Ganoci (Zagreb, Croatia)

Tore Haslemo (Oslo, Norway)

Matea Ivić (Zagreb, Croatia)

Marijana Jazvić (Zagreb, Croatia)

Slavica Kvolik (Osijek, Croatia)

Mila Lovrić (Zagreb, Croatia)

Ivana Marković (Osijek, Croatia)

Marija Milić (Osijek, Croatia)

Damir Pekas (Zagreb, Croatia)

Branko Pevec (Zagreb, Croatia)

Vanja Radišić Biljak (Zagreb, Croatia)

Lana Ružić Švegl (Zagreb, Croatia)

Mario Štefanović (Zagreb, Croatia)

Nebojša Trajković (Niš, Serbia)

Jecko Thachil (Manchester,
United Kingdom)

Monika Ulamec (Zagreb, Croatia)

William van Doorn
(Maastricht, Netherlands)

VODITELJI SIMPOZIJA / SYMPOSIUM CHAIRS

Ivana Čelap (Zagreb, Croatia)

Željko Debeljak (Osijek, Croatia)

Adrijana Dorotić (Zagreb, Croatia)

Mila Lovrić (Zagreb, Croatia)

Marija Milić (Osijek, Croatia)

Vanja Radišić Biljak (Zagreb, Croatia)

SEKCIJE RADNE GRUPE / WORKING GROUP SESSIONS

Adriana Bokulić (Zagreb, Croatia)

Branka Krešić (Split, Croatia)

Sanja Langer (Zagreb, Croatia)

Ivana Lapić (Zagreb, Croatia)

Domagoj Marijančević (Zagreb, Croatia)

Ana Nikler (Zagreb, Croatia)

József Petrik (Zagreb, Croatia)

Vanja Radišić Biljak (Zagreb, Croatia)

Tihana Serdar Hiršl (Zagreb, Croatia)

Valentina Vidranski (Zagreb, Croatia)

Milica Vrbančić (Zagreb, Croatia)

Životopis

Biography

Stribor Marković je trenutno docent na Sveučilištu u Rijeci Fakultetu biotehnologije i razvoja lijekova, gdje predaje više kolegija. Diplomirao je medicinsku biokemiju i farmaciju 1998., a doktorirao farmaceutske znanosti 2005.

U svom životu prošao je radna mjesta istraživača u PLIVA-i, direktora istraživačkog programa u istoj kompaniji, voditelja laboratorija u GlaxoSmithKline-u i voditelja kvalitete Imunološkog zavoda. Godinama je suradnik Atlantic Farmacia-e kao savjetnik.

Većina ga poznaje po njegovom interesu prema biljkama i biljnim lijekovima te prihvaća takvu identifikaciju, premda je svjestan da to skriva njegova druga iskustva i znanja. Veliki je ljubitelj pisanja, popularizacije znanosti i povijesti medicine.



Stribor Marković is currently an Associate Professor at the University of Rijeka Faculty of Biotechnology and Drug Development, where he teaches several courses. He graduated in Medical Biochemistry and Pharmacy in 1998 and earned

his PhD in Pharmaceutical Sciences in 2005.

Throughout his career, he has held positions as a researcher at PLIVA, Director of a research program within the same company, Laboratory Manager at GlaxoSmithKline, and Quality Manager at the Imunološki zavod. For many years, he has also collaborated with Atlantic Farmacia as a consultant.

Most people know him for his interest in plants and herbal medicines, and he accepts that identification, although he is aware that it conceals many of his other experiences and areas of expertise. He is also deeply passionate about writing, the popularization of science, and the history of medicine.

PLENARNI PREDAVAČI PLENARY LECTURERS

Životopis

Biography

Prof. Tomáš Zima diplomirao je 1990. na Prvom medicinskom fakultetu Karlovog Sveučilišta u Pragu. Od 2001. redoviti je profesor medicinske kemije i biokemije te predstojnik Instituta za medicinsku biokemiju i laboratorijsku



medicinu. Obnašao je dužnost dekana Prvog medicinskog fakulteta od 2005. do 2012., a u razdoblju od 2014. do 2022. bio je rektor Karlovog Sveučilišta u Pragu. 2024. djelovao je kao gostujući profesor na Sveučilištu u Milanu, Italija.

Njegovi glavni znanstveni interesi uključuju oksidativni stres, završne produkte napredne glikacije (AGEs), eksperimentalnu nefrologiju, oštećenja organa uzrokovana alkoholom, tumorske biljege, prenatalni probir te upravljanje i akreditaciju laboratorija. Autor je više od 550 znanstvenih radova, 11 knjiga (među kojima su Laboratory Diagnostics, 4. izdanje, 2025. i Medical Research Ethics: Challenges in the 21st Century, Springer, 2023.), koju je uredio zajedno s David N. Weisstub, te je koautor 90 poglavlja u knjigama.

Prof. Zima je član brojnih akademskih, sveučilišnih i znanstvenih društava, uključujući Academia Europaea, Češku medicinsku akademiju, Češko učeno

Prof. Tomáš Zima, MD, DSc. Dr.h.c. graduated on the First Faculty of Medicine, Charles University of Prague in 1990, professor of medical chemistry and biochemistry since 2001 and Head of Institute of Medical Biochemistry and Laboratory Medicine. He

was the Dean of the First Faculty of Medicine (2005-2012) and between 2014-2022 he was the Rector of Charles University Prague. He was visiting professor at Università degli Studi di Milano in 2024.

His main research interests include oxidative stress, advanced glycation end-products, experimental nephrology, alcohol organ damage, tumor markers, prenatal screening and laboratory management and accreditation. He is author of more than 550 articles, 11 books (e.g. Zima, T. et al. Laboratory Diagnostics 4th edition (2025), and Zima, T., Weisstub, D. N., (Eds). Medical Research Ethics: Challenges in the 21st Century. Springer, 2023) and co-author of 90 chapters in books.

Prof. Zima is a member of many academic universities and scientific societies: Academia Europaea, Czech Medical Academy, Czech Learned Society, UNICA, EUROPEUM (member of Board of Trustee)

društvo, UNICA i EUROPEUM, gdje je član Upravnog odbora. Također je bio član Scientific Panel for Health (2014. – 2020.), Odbora za zdravstvena istraživanja organizacije BioMed Alliance (2016. – 2022.), a obnašao je i više vodećih funkcija u Federaciji europskih biokemijskih društava (FEBS), uključujući predsjednika Izvršnog odbora 2011. i 2020. Nadalje, član je Odbora za edukaciju i upravljanje Međunarodne federacije za kliničku kemiju i laboratorijsku medicinu (IFCC) za razdoblje 2021. – 2026., kao i IFCC-ova Odbora za konferencije i kongrese (2014. – 2019.). U mandatnom razdoblju od 2026. od 2027. obnašat će dužnost predsjednika Europskog društva za kliničku kemiju i laboratorijsku medicinu (EFLM), gdje je također bio član Izvršnog odbora od 2011. do 2019.

s, Scientific Panel for Health (2014-2020), BioMedAlliance (Health Research Committee 2016-2022), Federation of European Biochemical Societies (FEBS, Chair of Executive Committee in 2011 and 2020), IFCC (member of Education and Management Division EMD 2021-2026, member of Committee on Conferences and Congresses CCC 2014-2019). He currently serves as President of the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) for the 2026–2027 term, having previously been a member of the Executive Board from 2011 to 2019.

Prof. dr. sc. Lada Rumora

redovita je profesorica u trajnom izboru i predstojnica Zavoda za medicinsku biokemiju i hematologiju na Sveučilištu u Zagrebu Farmaceutsko-biokemijskom fakultetu. Diplomirala je medicinsku biokemiju na Sveučilištu u Zagrebu Farmaceutsko-biokemijskom fakultetu, gdje je stekla i akademske stupnjeve magistre znanosti te doktorice znanosti iz područja biomedicine i zdravstva.

Znanstveno i stručno usavršavala se na McGill University u Montrealu te na medicinskim fakultetima u Pragu i Varšavi. Tijekom akademske karijere sudjelovala je u izvođenju nastave na integriranim prijediplomskim i diplomskim studijima Farmacija i Medicinska biokemija te doktorskom i specijalističkim studijima Sveučilišta u Zagrebu Farmaceutsko-biokemijskog fakulteta. Voditeljica je više kolegija iz područja biokemije, stanične signalizacije i molekularne dijagnostike.

Područja njezina znanstvenog interesa uključuju molekularne mehanizme kroničnih bolesti, oksidacijski stres, signalne putove, upalu te molekularno-biološka istraživanja gena i njihovih transkripcijskih produkata. Voditeljica je i suradnica na brojnim domaćim i međunarodnim znanstvenim projektima te autorica brojnih znanstvenih radova i pozvanih predavanja.



Prof. Lada Rumora, PhD,

is a full professor with tenure and head of the Department of Medical Biochemistry and Haematology at the University of Zagreb Faculty of Pharmacy and Biochemistry. She graduated in Medical Biochemistry from the

same institution, where she also obtained her MSc and PhD degrees in the field of biomedicine and healthcare.

She pursued scientific and professional training at McGill University in Montreal, as well as at the medical faculties in Prague and Warsaw. Throughout her academic career, she has been leading several courses within the integrated undergraduate and graduate studies Pharmacy and Medical Biochemistry, as well as doctoral and specialist postgraduate studies at the Faculty of Pharmacy and Biochemistry.

Her scientific interests include molecular mechanisms of chronic diseases, oxidative stress, signalling pathways, inflammation, and molecular biological investigations of genes and their transcriptional products. She is principal investigator and collaborator on numerous national and international scientific projects and is the author of many scientific publications and invited lectures.

Professor Rumora has supervised numerous undergraduate and doctoral theses.

Mentorica je velikog broja diplomskih i doktorskih radova.

Dobitnica je godišnjih nagrada za znanstveni rad Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu i Društva sveučilišnih nastavnika i drugih znanstvenika u Zagrebu te nagrade za postignuća u znanstvenom i nastavnom radu Sveučilišta u Zagrebu Farmaceutsko-biokemijskog fakulteta. Sveučilište u Zagrebu dodijelilo joj je nagradu „Andrija Štampar“ za ostvarene znanstvene rezultate i promicanje znanstvene discipline i struke te za izniman doprinos u prijenosu znanja i u odgoju mladih stručnjaka u području biomedicinskih znanosti.

Aktivno sudjeluje u radu stručnih i akademskih tijela te je članica više domaćih i međunarodnih stručnih društava.

Od 2024. je potpredsjednica za visoko obrazovanje Matičnog odbora za područje biomedicine i zdravstva, polja temeljnih medicinskih znanosti, kliničkih medicinskih znanosti, javnog zdravstva i zdravstvene zaštite, dentalne medicine i farmacije, a od 2025. je voditeljica integriranog prijediplomskog i diplomskog studija Medicinska biokemija na Sveučilištu u Zagrebu Farmaceutsko-biokemijskom fakultetu.

She has received annual awards for scientific achievement from the Croatian Society of Medical Biochemistry and Laboratory Medicine and the Association of University Teachers and Other Scientists in Zagreb, as well as an award from the University of Zagreb Faculty of Pharmacy and Biochemistry for excellence in scientific and teaching activities. She was also awarded the prestigious Andrija Štampar Award by the University of Zagreb for outstanding scientific achievements and exceptional contributions to education in biomedical sciences.

Since 2024, she has been vice president for higher education of the Scientific field committee for biomedicine and health-care, fields of basic medical sciences, clinical medical sciences, public health and health care, dental medicine and pharmacy, and since 2025 head of the integrated undergraduate and graduate study Medical Biochemistry at the University of Zagreb Faculty of Pharmacy and Biochemistry.

Prof. dr. sc. Daria Pašalić

medicinska je biokemičarka i redovita profesorica u trajnom izboru Sveučilišta u Zagrebu Medicinskog fakulteta. Diplomirala je 1993., magistrirala 2000. i doktorirala 2004., na Sveučilištu u Zagrebu Farmaceutsko-biokemijskom fakultetu iz područja medicinske biokemije, s fokusom na lipoprotein-lipazu i poremećaje lipida.

Znanstveno djeluje u području biomedicine, posebice aterogeneze, metabolizma lipida i molekularne dijagnostike. Sudjelovala je u brojnim nacionalnim i EU projektima te projektima Hrvatske zaklade za znanost. Mentorica je više doktorskih radova. Koautorica je brojnih znanstvenih radova, nekoliko sveučilišnih udžbenika i priručnika.

Kao profesorica na Sveučilištu u Zagrebu Medicinskom fakultetu sudjeluje u nastavi integriranog studija medicine na hrvatskom i engleskom jeziku, gdje predaje kolegije Medicinska kemija i biokemija I i II te Kliničku biokemiju. Osim na integriranom studiju medicine, aktivna je u nastavi na poslijediplomskim studijima te integriranom sveučilišnom diplomskom studiju dentalne medicine. Na doktorskom studiju Biomedicina i zdravlje vodi kolegij Biokemijske metode u biomedicinskim istraživanjima te je članica Povjerenstva za nastavne tekstove.



Daria Pašalić is a medical biochemist and full professor with permanent tenure at the University of Zagreb School of Medicine. She graduated in 1993, obtained her MSc in 2000, and completed her PhD in 2004 at the University of Zagreb Faculty of

Pharmacy and Biochemistry, focusing on lipoprotein lipase and lipid disorders.

Her scientific work is in biomedicine, particularly atherogenesis, lipid metabolism, and molecular diagnostics. She has participated in numerous national and EU projects, as well as projects funded by the Croatian Science Foundation, and has supervised several doctoral theses. She is co-author of many scientific publications and several university textbooks and manuals.

At the University of Zagreb School of Medicine, she teaches integrated medical studies in Croatian and English, including Medical Chemistry and Biochemistry I and II and Clinical Biochemistry, which she also coordinates. She is active in postgraduate and dental medicine studies, and at the doctoral level in Biomedicine and Health, where she coordinates Biochemical Methods in Biomedical Research and serves on the Committee for Teaching Texts.

She has also held teaching roles at the University of Zagreb Faculty of Pharma-

Također sudjeluje u nastavi kolegija dokorskog i specijalističkog studija na Sveučilištu u Zagrebu Farmaceutsko-biokemijskom fakultetu. Bila je gostujuća profesorica na Sveučilištu u Mostaru Medicinskom fakultetu (2019. – 2025.).

Od 2017. do 2022. bila je glavna urednica časopisa *Biochemia Medica*, a 2024. i 2025. gostujuća urednica časopisa *Diagnostics*. Obnašala je vodeće funkcije u Hrvatskom društvu za medicinsku biokemiju i laboratorijsku medicinu (HDMBLM), Portalu hrvatskih znanstvenih i stručnih časopisa (HRČAK) i Europskom društvu za kliničku kemiju i laboratorijsku medicinu (EFLM), uključujući predsjednicu HDMBLM-a (2018. – 2022.) i voditeljicu Odbora za edukaciju EFLM-a (2017. – 2024., te u novom mandatu od početka 2026.). Sudjelovala je u evaluaciji međunarodnih projekta, dobitnica je EFLM Academy Award 2023., aktivna je u organizaciji stručnih skupova te je održala nekoliko pozvanih predavanja i tečajeva na međunarodnoj razini.

cy and Biochemistry and was a guest professor at the University of Mostar (2019-2025).

She served as Editor-in-Chief of *Biochemia Medica* (2017-2022) and guest editor of *Diagnostics* (2023-2024). She has held leadership roles in the Croatian Society of Medical Biochemistry and Laboratory Medicine (CSMBLM), Portal of Croatian scientific and professional journals, and European Federation of Clinical Chemistry and Laboratory Medicine (EFLM), including President of CSMBLM (2018-2022) and Head of EFLM Education Committee (2017-2024, renewed from 2026). She is an EFLM Academy Award laureate (2023), an evaluator of international grants, and an active organizer and invited lecturer at international scientific events.

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ČETVRTAK, 15. LISTOPADA 2026.		PETAK, 16. LISTOPADA 2026.	
Prijave (12:00 – 19:00)		Prijave (8:00 – 17:00)	9:00 – 9:45 Plenarno predavanje: Zima (Voditelj: Čelap)
			9:45 – 10:00 Stanka
			10:00 – 12:00 Simpozij 1 (Voditelj: Milić)
			10:00 – 12:00 Simpozij 2 (Voditelj: Lovrić)
			12:00 – 12:45 Edukativna radionica: Abbott Laboratories
			12:00 – 12:30 Edukativna radionica: Medical Intertrade
			12:45 – 13:15 Edukativna radionica: Roche Diagnostics
			13:15 – 14:00 Stanka za ručak
			14:00 – 15:00 Usmena izlaganja odabranih postera (Voditelj: Wagner Kostadinović)
			15:00 – 16:00 Edukativna radionica: Beckman Coulter
15:30 – 18:15 Predkongresni simpozij (Voditelj: Debeljak)			16:00 – 16:30 Edukativna radionica: Kefo
			16:30 – 16:45 Stanka
			16:45 – 17:45 Simpozij radne grupe za laboratorijsku hematologiju (Voditelj: Radišić Biljak)
	18:15 – 19:00 Stanka		
	19:00 – 19:30 Svečano otvaranje kongresa		
	19:30 – 20:15 Počasno predavanje		

SUBOTA, 17. LISTOPADA 2026.				NEDJELJA, 18. LISTOPADA 2026.			
Prijave (8:00 – 17:00)	9:00 – 9:45 Plenarno predavanje: Rumora (Voditelj: Mikulić)			Prijave (8:00 – 10:00)	9:00 – 9:45 Plenarno predavanje: Pašalić (Voditelj: Wagner Kostadinović)		
	9:45 – 10:00 Stanka				9:45 – 10:00 Stanka		
	10:00 – 12:00 Simpozij 3 (Voditelj: Dorotić)	10:00 – 12:00 Simpozij 4 (Voditelj: Radišić Biljak)			10:00 – 12:00 Simpozij 5 (Voditelj: Čelap)		
	12:00 – 12:45 Edukativna radionica: LKB	12:00 – 12:30 Edukativna radionica: MES			12:00 – 13:00 Simpozij radne grupe za tumorske biljege (Voditelj: Petrik)		
	12:45 – 13:15 Edukativna radionica: Siemens Healthineers	12:45 – 13:15 Edukativna radionica: WizardHealth					
	13:15 – 14:00 Stanka za ručak				13:15 – 14:00 Zatvaranje kongresa		
	14:00 – 15:00 Usmena izlaganja odabranih postera (Voditelj: Mikulić)	14:15 – 15:00 Edukativna radionica: Biomedica dijagnostika					
	15:00 – 15:30 Edukativna radionica: Roche Diagnostics						
	15:30 – 15:45 Stanka						
	15:45 – 16:15 Edukativna radionica: Hospitalija trgovina						
	16:15 – 16:30 Stanka						
16:30 – 17:30 Simpozij radne grupe za laboratorijsku endokrinologiju (Voditelj: Bokulić)							
20:00 Kongresna večera							

THURSDAY, 15 OCTOBER 2026		FRIDAY, 16 OCTOBER 2026	
Registration (12:00 – 19:00)		Registration (8:00 – 17:00)	9:00 – 9:45 Plenary lecture: Zima (Chair: Čelap)
			9:45 – 10:00 Break
			10:00 – 12:00 Symposium 1 (Chair: Milić)
			10:00 – 12:00 Symposium 2 (Chair: Lovrić)
			12:00 – 12:45 Educational workshop: Abbott Laboratories
			12:00 – 12:30 Educational workshop: Medical Intertrade
15:30 – 18:15 Pre-congress symposium (Chair: Debeljak)			12:45 – 13:15 Educational workshop: Roche Diagnostics
			13:15 – 14:00 Lunch Break
			14:00 – 15:00 Oral presentations of selected posters (Chair: Wagner Kostadinović)
			15:00 – 16:00 Educational workshop: Beckman Coulter
18:15 – 19:00 Break			16:00 – 16:30 Educational workshop: Kefo
			16:30 – 16:45 Break
19:00 – 19:30 Opening of the congress			16:45 – 17:45 Symposium of the working group for laboratory haematology (Chair: Radišić Biljak)
19:30 – 20:15 Honorary lecture			

SATURDAY, 17 OCTOBER 2026			SUNDAY, 18 OCTOBER 2026	
Registration (8:00 – 17:00)	9:00 – 9:45 Plenary lecture: Rumora (Chair: Mikulić)		Registration (8:00 – 10:00)	9:00 – 9:45 Plenary lecture: Pašalić (Chair: Wagner Kostadinović)
	9:45 – 10:00 Break			9:45 – 10:00 Break
	10:00 – 12:00 Symposium 3 (Chair: Dorotić)	10:00 – 12:00 Symposium 4 (Chair: Radišić Biljak)		10:00 – 12:00 Symposium 5 (Chair: Čelap)
	12:00 – 12:45 Educational workshop: LKB	12:00 – 12:30 Educational workshop: MES		12:00 – 13:00 Symposium of the working group for tumour markers (Chair: Petrik)
	12:45 – 13:15 Educational workshop: Siemens Healthineers	12:45 – 13:15 Educational workshop: WizardHealth		
	13:15 – 14:00 Lunch break			13:15 – 14:00 Closing ceremony
	14:00 – 15:00 Oral presentations of selected posters (Chair: Mikulić)	14:15 – 15:00 Educational workshop: Biomedica dijagnostika		
	15:00 – 15:30 Educational workshop: Roche Diagnostics			
	15:30 – 15:45 Break			
	15:45 – 16:15 Educational workshop: Hospitalija trgovina			
	16:15 – 16:30 Break			
	16:30 – 17:30 Symposium of the working group for laboratory endocrinology (Chair: Bokulić)			
	20:00 Congress dinner			

ČETVRTAK / 15. listopada 2026.

15:30 – 18:15 **PREDKONGRESNI SIMPOZIJ (Dvorana Orlando A+B)**

Umjetna inteligencija u laboratorijskoj medicini

Voditelj: Željko Debeljak

15:30 – 15:55 Od teksta do tablica: korištenje strukturiranih izlaznih podataka koje generiraju veliki jezični modeli za odgovaranje na znanstvena pitanja / Johannes Elias, Berlin, Njemačka

15:55 – 16:20 Biokemičar 21. stoljeća: kako praktične primjene umjetne inteligencije unaprjeđuju i pojednostavljaju laboratorijski rad / Mario Štefanović, Zagreb, Hrvatska

16:20 – 16:45 Potpora kliničkom odlučivanju temeljena na velikim jezičnim modelima / William van Doorn, Maastricht, Nizozemska

16:45 – 17:00 **STANKA ZA KAVU**

17:00 – 17:25 Korekcije stope lažnih otkrića u rutinskoj laboratorijskoj dijagnostici i otkrivanju biomarkera / Ivana Marković, Osijek, Hrvatska

17:25 – 17:50 Klasifikacija čestica urinarnog sedimenta temeljena na dubokom učenju / Glynis Frans, Leuven, Belgija

17:50 – 18:15 Analiza pojedinačnih stanica primjenom strojnog i statističkog učenja slika dobivenih masenom spektrometrijom / Željko Debeljak, Osijek, Hrvatska

STANKA

19:00 – 19:30 **SVEČANO OTVARANJE KONGRESA (Dvorana Orlando A+B)**

19:30 – 20:15 **POČASNO PREDAVANJE (Dvorana Orlando A+B)**

Biokemija i filozofija čovjeka / Stribor Marković, Rijeka, Hrvatska

PROGRAM

THURSDAY / 15 October 2026

15:30 – 18:15 **PRE-CONGRESS SYMPOSIUM (Hall Orlando A+B)**

Artificial intelligence in laboratory medicine

Chair: Željko Debeljak

15:30 – 15:55 From text to tables: using large language models-generated structured outputs to answer scientific questions /
Johannes Elias, Berlin, Germany

15:55 – 16:20 The 21st century biochemist: how practical AI applications improve and simplify laboratory work / Mario Štefanović, Zagreb, Croatia

16:20 – 16:45 Large language models-based clinical decision support /
William van Doorn, Maastricht, Netherlands

16:45 – 17:00 **COFFEE BREAK**

17:00 – 17:25 False discovery rate corrections in routine laboratory diagnostics and biomarker discovery / Ivana Marković, Osijek, Croatia

17:25 – 17:50 Deep learning-based classification of urinary sediment particles /
Glynis Frans, Leuven, Belgium

17:50 – 18:15 Single-cell analysis via machine and statistical learning of mass spectrometry images / Željko Debeljak, Osijek, Croatia

BREAK

19:00 – 19:30 **OPENING CEREMONY (Hall Orlando A+B)**

19:30 – 20:15 **HONORARY LECTURE (Hall Orlando A+B)**

Biochemistry and the Philosophy of Man /
Stribor Marković, Rijeka, Croatia

09:00 – 09:45 **PLENARNO PREDAVANJE (Dvorana Orlando A+B)**
Istraživačke i kliničko-laboratorijske metode i regulativa: razumijevanje ključnih razlika / Tomáš Zima, Prag, Češka

Voditelj: Ivana Čelap

09:45 – 10:00 **STANKA ZA KAVU**

10:00 – 12:00 **SIMPOZIJ (Dvorana Orlando A)**
Životno ugrožavajuća krvarenja – dijagnostika i suvremeno zbrinjavanje

Voditelj: Marija Milić

10:00 – 10:25 Laboratorijska dijagnostika kod masivnih krvarenja /
Slavica Kvolik, Osijek, Hrvatska

10:25 – 10:50 Uloga viskoelastičnih testova u procjeni hemostaze /
Marija Milić, Osijek, Hrvatska

10:50 – 11:15 Izazovi laboratorijske dijagnostike stečene hemofilije /
Désirée Coen Herak, Zagreb, Hrvatska

11:15 – 11:40 Diseminirana intravaskularna koagulacija:
revidirana definicija i sustav bodovanja iz 2025. godine /
Jecko Thachil, Manchester, Ujedinjeno Kraljevstvo

11:40 – 12:00 Rasprava

10:00 – 12:00 **SIMPOZIJ (Dvorana Orlando B)**
Suvremeni pristup terapijskom praćenju lijekova (TDM)

Voditelj: Mila Lovrić

10:00 – 10:25 Različita lica terapijskog praćenja lijekova / Mila Lovrić, Zagreb,
Hrvatska

10:25 – 10:50 Klinička primjena terapijskog praćenja psihoaktivnih lijekova - od
retrospektivnog rješavanja problema do kliničke odluke / Tore
Haselmo, Oslo, Norveška

09:00 – 09:45 **PLENARY LECTURE (Hall Orlando A+B)**
**Research vs. clinical laboratory methods and regulations:
understanding the key differences /**

Tomáš Zima, Prague, Czech Republic

Chair: Ivana Čelap

09:45 – 10:00 **COFFEE BREAK**

10:00 – 12:00 **SYMPOSIUM (Hall Orlando A)**
**Life-threatening bleeding: diagnosis and contemporary
management**

Chair: Marija Milić

10:00 – 10:25 Laboratory diagnosis in massive hemorrhage /
Slavica Kvolik, Osijek, Croatia

10:25 – 10:50 The role of viscoelastic testing in assessing hemostasis /
Marija Milić, Osijek, Croatia

10:50 – 11:15 Challenges in the laboratory diagnosis of acquired hemophilia /
Désirée Coen Herak, Zagreb, Croatia

11:15 – 11:40 Updated definition and scoring of disseminated intravascular
coagulation in 2025 / Jecko Thachil, Manchester, United Kingdom

11:40 – 12:00 Discussion

10:00 – 12:00 **SYMPOSIUM (Hall Orlando B)**
Modern approach to therapeutic drug monitoring (TDM)

Chair: Mila Lovrić

10:00 – 10:25 Different faces of therapeutic drug monitoring /
Mila Lovrić, Zagreb, Croatia

10:25 – 10:50 Clinical use of therapeutic drug monitoring for psychoactive drugs
- from retrospective problem solving to clinical decision support /
Tore Haselmo, Oslo, Norway

- 10:50 – 11:15 Klinička primjena terapijskog praćenja imunosupresiva – imamo li mogućnosti za napredak? / Matea Ivić, Zagreb, Hrvatska
- 11:15 – 11:40 Udružena primjena TDM i PGx s osvrtom na lijekove za koje nam TDM nedostaje / Lana Ganoci, Zagreb, Hrvatska
- 11:40 – 12:00 Rasprava
- 12:00 – 12:45 **EDUKATIVNA RADIONICA *Abbott Laboratories***
(Dvorana Orlando A)
- Digitalna transformacija laboratorijske medicine /
Ana Ćuk, Mostar, Bosna i Hercegovina
- 12:00 – 12:30 **EDUKATIVNA RADIONICA *Medical Intertrade***
(Dvorana Orlando B)
- Serum vs. plazma – razlučivanje dokaza od pretpostavki /
Brendan Meyer, EMEA Becton Dickinson Medical Essentials,
Specimen Management
- 12:45 – 13:15 **EDUKATIVNA RADIONICA *Roche Diagnostics***
(Dvorana Orlando B)
- Validirani, dostupni, primijenjivi: Krvni biomarkeri iz područja neurologije u svakodnevnoj kliničkoj praksi / Valentina Vidranski, Zagreb, Hrvatska
- 13:15 – 14:00 **STANKA ZA RUČAK**
- 14:00 – 15:00 **USMENA IZLAGANJA ODABRANIH POSTERA (Dvorana Orlando A)**
- Voditelj: Jasenka Wagner Kostadinović
- Impact of CYP2C19, CYP2B6, ABCB1 and 5-HTTLPR pharmacogenetic variants on sertraline pharmacokinetics, therapeutic response and adverse drug reactions in the treatment of depression / Lana Ganoci
 - Is measuring carbamazepine concentration sufficient for therapeutic drug monitoring in patients receiving carbamazepine therapy: a pilot study / Nora Nikolac Gabaj
 - Area under the curve (AUC): A valuable indicator of mycophenolic acid dosing success / Sven Komljenović

- 10:50 – 11:15 Clinical application of therapeutic monitoring of immunosuppressants – is there place for improvement? /
Matea Ivić, Zagreb, Croatia
- 11:15 – 11:40 Complementary use of TDM and PGx - focus on drugs for which we lack TDM / Lana Ganoci, Zagreb, Croatia
- 11:40 – 12:00 Discussion
- 12:00 – 12:45 **EDUCATIONAL WORKSHOP *Abbott Laboratories***
(Hall Orlando A)
Digital transformation of laboratory medicine /
Ana Ćuk, Mostar, Bosnia and Herzegovina
- 12:00 – 12:30 **EDUCATIONAL WORKSHOP *Medical Intertrade***
(Hall Orlando B)
Serum vs. plasma: Separating Evidence from Assumption /
Brendan Meyer, EMEA Becton Dickinson Medical Essentials,
Specimen Management
- 12:45 – 13:15 **EDUCATIONAL WORKSHOP *Roche Diagnostics***
(Hall Orlando B)
Validated, Accessible, Actionable: Blood-based biomarkers in
neurology in routine patient care / Valentina Vidranski, Zagreb,
Croatia
- 13:15 – 14:00 **LUNCH BREAK**
- 14:00 – 15:00 **ORAL POSTER PRESENTATIONS (Hall Orlando A)**
-
- Chair: Jasenka Wagner Kostadinović
- Impact of CYP2C19, CYP2B6, ABCB1 and 5-HTTLPR pharmacogenetic variants on sertraline pharmacokinetics, therapeutic response and adverse drug reactions in the treatment of depression / Lana Ganoci
 - Is measuring carbamazepine concentration sufficient for therapeutic drug monitoring in patients receiving carbamazepine therapy: a pilot study / Nora Nikolac Gabaj
 - Area under the curve (AUC): A valuable indicator of mycophenolic acid dosing success / Sven Komljenović

- Integrated genomic profiling of ovarian cancer reveals low tumor mutational burden, microsatellite stability, and actionable alterations / Tadej Pajič
- Clinical validation of digital PCR-based ESR1 mutation detection in circulating cell-free tumor DNA from patients with breast cancer / Marina Tomičević
- Bence Jones protein in serum detected using immunosubtraction electrophoresis / Dragana Šegulja
- Indirect reference intervals for vitamin D using Refine R / Sonja Homar
- Indirect estimation of selenium reference intervals: comparison of CLSI C28-A3 and RefineR approaches / Nora Nikolac Gabaj
- Implementation of the clinical decision support algorithm for screening of hemoglobinopathies: preliminary results from the University Hospital Centre Zagreb / Ivana Lapić

15:00 – 16:00

EDUKATIVNA RADIONICA *Beckman Coulter*
(Dvorana Orlando B)

Unaprijeđenje skrbi za bolesnike: krvni biomarkeri neurodegenerativnih bolesti / Jean-Sebastien Blanchet, Beckman Coulter – EMEA

16:00 – 16:30

EDUKATIVNA RADIONICA *Kefo*
(Dvorana Orlando A)

Nova era genomike raka: Illumina pristup u razvoju onkoloških istraživanja / Alberto González Medina, Illumina Inc.

16:30 – 16:45

STANKA ZA KAVU

16:45 – 17:45

Simpozij Radne grupe za laboratorijsku hematologiju
(Dvorana Orlando B)

Voditelj: Vanja Radišić Biljak

Trombociti: mali igrači, veliki izazovi / Ana Nikler, Ivana Lapić, Branka Krešić, Valentina Vidranski

- Integrated genomic profiling of ovarian cancer reveals low tumor mutational burden, microsatellite stability, and actionable alterations / Tadej Pajič
- Clinical validation of digital PCR-based ESR1 mutation detection in circulating cell-free tumor DNA from patients with breast cancer / Marina Tomičević
- Bence Jones protein in serum detected using immunosubtraction electrophoresis / Dragana Šegulja
- Indirect reference intervals for vitamin D using Refine R / Sonja Homar
- Indirect estimation of selenium reference intervals: comparison of CLSI C28-A3 and RefineR approaches / Nora Nikolac Gabaj
- Implementation of the clinical decision support algorithm for screening of hemoglobinopathies: preliminary results from the University Hospital Centre Zagreb / Ivana Lapić

15:00 – 16:00

EDUCATIONAL WORKSHOP *Beckman Coulter*
(Hall Orlando B)

Innovating patient care: Blood-based biomarkers for neurodegenerative diseases / Jean-Sebastien Blanchet, Beckman Coulter – EMEA

16:00 – 16:30

EDUCATIONAL WORKSHOP *Kefo*
(Hall Orlando A)

Redefining cancer genomics: Illumina roadmap for oncology research / Alberto González Medina, Illumina Inc.

16:30 – 16:45

COFFEE BREAK

16:45 – 17:45

Symposium of the Working group for Laboratory Haematology
(Hall Orlando B)

Chair: Vanja Radišić Biljak

Platelets: small players, big challenges / Ana Nikler, Ivana Lapić, Branka Krešić, Valentina Vidranski

09:00 – 09:45 **PLENARNO PREDAVANJE (Dvorana Orlando A+B)**
Medicinski biokemičar u obrazovnom sustavu /

Lada Rumora, Zagreb, Hrvatska

Voditelj: Ivanka Mikulić

09:45 – 10:00 **STANKA ZA KAVU**

10:00 – 12:00 **SIMPOZIJ (Dvorana Orlando A)**
Alergijske bolesti – pandemija budućnosti

Voditelj: Adrijana Dorotić

10:00 – 10:25 Laboratorijska dijagnostika alergija uz primjenu modernih tehnologija / Gordana Fressl Juroš, Zagreb, Hrvatska

10:25 – 10:50 Istraživanje najnovijih inovacija u laboratorijskoj dijagnostici anafilaksije: prema personaliziranim pristupima i razvoju biomarkera / Urška Bidovec-Stojković, Golnik, Slovenija

10:50 – 11:15 Uloga laboratorijske dijagnostike u prepoznavanju, praćenju i liječenju pacijenata s alergijama / Branko Pevec, Zagreb, Hrvatska

11:15 – 11:40 Novi dijagnostički biomarkeri u alergologiji: put prema personaliziranoj dijagnostici alergija / Adrijana Dorotić, Zagreb, Hrvatska

11:40 – 12:00 Rasprava

10:00 – 12:00 **SIMPOZIJ (Dvorana Orlando B)**
Žene u sportu – multidisciplinarni izazov

Voditelj: Vanja Radišić Biljak

10:00 – 10:25 Određuje li jedan hormon spol: fair play ili iluzija sporta? / Lana Ružić Švegl, Zagreb, Hrvatska

10:25 – 10:50 Sportašica ≠ sportaš: utjecaj menstrualnog ciklusa na sportsku izvedbu / Damir Pekas, Zagreb, Hrvatska

09:00 – 09:45 **PLENARY LECTURE (Hall Orlando A+B)**
Medical biochemist in the educational system /
Lada Rumora, Zagreb, Croatia

Chair: Ivanka Mikulić

09:45 – 10:00 **COFFEE BREAK**

10:00 – 12:00 **SYMPOSIUM (Hall Orlando A)**
Allergic diseases – pandemics of the future

Chair: Adrijana Dorotić

10:00 – 10:25 Laboratory diagnostics of allergies using modern technologies /
Gordana Fressl Juroš, Zagreb, Croatia

10:25 – 10:50 Exploring the latest innovations in laboratory diagnostics of
anaphylaxis: towards personalized approaches and biomarker
development / Urška Bidovec-Stojkovič, Golnik, Slovenia

10:50 – 11:15 The role of laboratory diagnostics in identification, monitoring and
treatment of patients with allergies /
Branko Pevec, Zagreb, Croatia

11:15 – 11:40 New diagnostic biomarkers in allergology: the path towards
personalized allergy diagnostics /
Adrijana Dorotić, Zagreb, Croatia

11:40 – 12:00 Discussion

10:00 – 12:00 **SYMPOSIUM (Hall Orlando B)**
Women in sports – a multidisciplinary challenge

Chair: Vanja Radišić Biljak

10:00 – 10:25 Can a single hormone define sex: fair play or illusion in sport? /
Lana Ružić Švegl, Zagreb, Croatia

10:25 – 10:50 Female athlete ≠ male athlete: the impact of the menstrual cycle
on sports performance / Damir Pekas, Zagreb, Croatia

- 10:50 – 11:15 HemSter Study: uloga medicinskog biokemičara u sportskoj medicini / Vanja Radišić Biljak, Zagreb, Hrvatska
- 11:15 – 11:40 Više od „bikini” fitnessa: učinkovito programiranje vježbanja za zdravlje žena / Nebojša Trajković, Niš, Srbija
- 11:40 – 12:00 Rasprava
- 12:00 – 12:45 **EDUKATIVNA RADIONICA LKB**
(Dvorana Orlando A)
- Phadia analitički sustavi čine mjerljivu razliku i olakšavaju dijagnostiku alergija / Felix Gastager, HVD Lifesciences
- 12:00 – 12:30 **EDUKATIVNA RADIONICA MES d.o.o.**
(Dvorana Orlando B)
- Novi pogled na laboratorijsku automatizaciju / Emmeran Hauser, Sysmex
- 12:45 – 13:15 **EDUKATIVNA RADIONICA WizardHealth**
(Dvorana Orlando A)
- WizardLab: Integrirani LIS koji razumije laboratorij i ljude koji ga pokreću / Džemal Tipura, Tarik Pekušić, WizardHealth
- 12:45 – 13:15 **EDUKATIVNA RADIONICA Siemens Healthineers**
(Dvorana Orlando B)
- Molekularna dijagnostika alergijskih bolesti / Refika Didem Eler, Siemens Healthineers
- 13:15 – 14:00 **STANKA ZA RUČAK**
- 14:00 – 15:00 **USMENA IZLAGANJA ODABRANIH POSTERA (Dvorana Orlando A)**
- Voditelj: Ivanka Mikulić
- Impact of Normalization on the Lupus Anticoagulant Diagnostic Workflow / Branka Krešić
 - Verification of Low Dose Ristocetin Induced Platelet Aggregation on the Thrombomate XRA analyzer / Tomislav Hrgović
 - Investigating the stability of third party quality controls across haematology analysers / Ana Bronić

10:50 – 11:15 HEMSTER study: the role of medical biochemist in sports medicine
/ Vanja Radišić Biljak, Zagreb, Croatia

11:15 – 11:40 Beyond “bikini” fitness: effective exercise programming for women’s health / Nebojša Trajković, Niš, Serbia

11:40 – 12:00 Discussion

12:00 – 12:45 **EDUCATIONAL WORKSHOP LKB**
(Hall Orlando A)

Phadia systems: the worldwide reference making a measurable difference, to simplify patient diagnosis in allergy / Felix Gastager, HVD Lifesciences

12:00 – 12:30 **EDUCATIONAL WORKSHOP MES d.o.o.**
(Hall Orlando B)

New insight into laboratory automation /
Emmeran Hauser, Sysmex

12:45 – 13:15 **EDUCATIONAL WORKSHOP WizardHealth**
(Hall Orlando B)

WizardLab: Integrated LIS that understands the laboratory and people who lead it / Džemal Tipura, Tarik Pekušić, WizardHealth

12:45 – 13:15 **EDUCATIONAL WORKSHOP Siemens Healthineers**
(Hall Orlando B)

Molecular diagnostics of allergies /
Refika Didem Eler, Siemens Healthineers

13:15 – 14:00 **LUNCH BREAK**

14:00 – 15:00 **ORAL POSTER PRESENTATIONS (Hall Orlando A)**

Chair: Ivanka Mikulić

- Impact of Normalization on the Lupus Anticoagulant Diagnostic Workflow / Branka Krešić
- Verification of Low Dose Ristocetin Induced Platelet Aggregation on the Thrombomate XRA analyzer / Tomislav Hrgović
- Investigating the stability of third party quality controls across haematology analysers / Ana Bronić

- Toward establishing updated national reference intervals in Croatia: A pilot study by the Croatian Chamber of Medical Biochemistry using alkaline phosphatase as a model analyte / Adriana Bokulić
- Reference intervals for hematological parameters in the umbilical cord blood samples on Advia 2021i hematological analyzer / Vladimira Rimac
- Serum GFAP and UCH-L1 in relation to CT findings in Traumatic Brain Injury / Ante Pušić
- Impact of menstrual cycle phase on CA125, HE4 and ROMA score interpretation in premenopausal women / Iva Friščić
- The association of concentration of urine calprotectin with sterile leukocyturia in patients with bladder cancer / Helena Čičak

14:15 – 15:00

EDUKATIVNA RADIONICA *Biomedica dijagnostika*
(Dvorana Orlando B)

Od ograničenih uzoraka do pouzdanih rezultata: pristupi alergološkom testiranju / Gabriele Carta, BIOMEDICA Medizinprodukte GmbH

15:00 – 15:30

EDUKATIVNA RADIONICA *Roche Diagnostics*
(Dvorana Orlando B)

Nova generacija hsTnT: Analitička evolucija i njezine kliničke posljedice / Evangelos Giannitsis, Heidelberg, Njemačka

Nova generacija hsTnT: analitička evaluacija i izazovi implementacije / Leida Tandara, Split, Hrvatska

15:30 – 15:45

STANKA

15:45 – 16:15

EDUKATIVNA RADIONICA *Hospitalija trgovina*
(Dvorana Orlando A)

Mindray hematološka rješenja: Jedna epruveta, jedan proces, maksimalna učinkovitost / Konstantinos Krontiris, Mindray

16:15 – 16:30

STANKA ZA KAVU

- Toward establishing updated national reference intervals in Croatia: A pilot study by the Croatian Chamber of Medical Biochemistry using alkaline phosphatase as a model analyte / Adriana Bokulić
- Reference intervals for hematological parameters in the umbilical cord blood samples on Advia 2021i hematological analyzer / Vladimira Rimac
- Serum GFAP and UCH-L1 in relation to CT findings in Traumatic Brain Injury / Ante Pušić
- Impact of menstrual cycle phase on CA125, HE4 and ROMA score interpretation in premenopausal women / Iva Friščić
- The association of concentration of urine calprotectin with sterile leukocyturia in patients with bladder cancer / Helena Čičak

14:15 – 15:00

EDUCATIONAL WORKSHOP *Biomedica dijagnostika*
(Hall Orlando B)

From limited sample to reliable results: practical strategies in allergy testing / Gabriele Carta, BIOMEDICA Medizinprodukte GmbH

15:00 – 15:30

EDUCATIONAL WORKSHOP *Roche Diagnostics*
(Hall Orlando B)

Next generation hsTnT Gen 6: An analytical evolution and its clinical consequences / Evangelos Giannitsis, Heidelberg, Germany

Next generation hsTnT: analytical evaluation and implementation challenges / Leida Tandara, Split, Croatia

15:30 – 15:45

BREAK

15:45 – 16:15

EDUCATIONAL WORKSHOP *Hospitalija trgovina*
(Hall Orlando A)

Mindray Hematology Solutions: One tube, one process, maximum efficiency / Konstantinos Krontiris, Mindray

16:15 – 16:30

COFFEE BREAK

16:30 – 17:30

**Simpozij Radne grupe za laboratorijsku endokrinologiju
(Dvorana Orlando A)**

Voditelj: Adriana Bokulić

Nacionalne preporuke Hrvatskog društva za medicinsku biokemiju i laboratorijsku medicinu: Uloga laboratorijske dijagnostike u procjeni funkcije štitnjače / Adriana Bokulić, Domagoj Marijančević, Tihana Serdar Hiršl

20:00

KONGRESNA VEČERA

NEDJELJA / 18. listopada 2026.

09:00 – 9:45

PLENARNO PREDAVANJE (Dvorana Orlando A+B)

Genetika i epigenetika: gdje smo danas u translacijskim istraživanjima i kliničkoj primjeni / Daria Pašalić, Zagreb, Hrvatska

Voditelj: Jasenka Wagner Kostadinović

09:45 – 10:00

STANKA ZA KAVU

10:00 – 12:00

**ZAJEDNIČKI SIMPOZIJ s Horizon Project Attract Adria
(Dvorana Orlando A)**

miRNA u tumorima zametnih stanica

Voditelj: Ivana Čelap

10:00 – 10:15

AttractAdria: Novi istraživački ekosustav za personaliziranu preventivnu zdravstvenu zaštitu u Adria regiji / Tamer Bego, Sarajevo, Bosna i Hercegovina

10:15 – 10:40

Tumori zametnih stanica / Monika Ulamec, Zagreb, Hrvatska

10:40 – 11:05

miRNA 371 u raku testisa - laboratorijski pogled / Ivana Čelap, Zagreb, Hrvatska

16:30 – 17:30 **Symposium of the Working group for Laboratory Endocrinology
(Hall Orlando A)**

Chair: Adriana Bokulić

National recommendations of the Croatian Society of Medical Biochemistry and Laboratory Medicine: Thyroid function tests from the laboratory point of view / Adriana Bokulić, Domagoj Marijančević, Tihana Serdar Hiršl

20:00 **CONGRESS DINNER**

SUNDAY / 18 October 2026

09:00 – 9:45 **PLENARY LECTURE**
Genetics and epigenetics: where are we today in translational research and clinical application /

Daria Pašalić, Zagreb, Croatia

Chair: Jasenka Wagner Kostadinović

09:45 – 10:00 **COFFEE BREAK**

10:00 – 12:00 **JOINT SYMPOSIUM with Horizon Project Attract Adria
(Hall Orlando A)**
miRNA in germ cell tumors

Chair: Ivana Čelap

10:00 – 10:15 AttractAdria: A new research ecosystem for personalized preventive healthcare in the Adria region /
Tamer Bego, Sarajevo, Bosnia and Herzegovina

10:15 – 10:40 Germ cell tumors / Monika Ulamec, Zagreb, Croatia

10:40 – 11:05 miRNA-371 in testicular cancer – a laboratory perspective / Ivana Čelap, Zagreb, Croatia

- 11:05 – 11:30 Rezultati miRNA-371 kod pacijenata s rakom testisa /
Leo Dumbović, Zagreb, Hrvatska
- 11:30 – 11:55 Uloga i vrijednost miRNA-371 kod bolesnika s tumorima zametnih
stanica – pogled onkologa /
Marijana Jazvić, Zagreb, Hrvatska
- 11:55 – 12:00 Rasprava
- 12:00 – 13:00 **Simpozij Radne grupe za tumorske biljege**
(Dvorana Orlando A)
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- Voditelj: József Petrik
- Tumorski biljezi u suvremenoj onkologiji: od laboratorija do
kliničke odluke / Sanja Langer, Milica Vrbančić
- 13:15 – 14:00 **ZATVARANJE KONGRESA**

- 11:05 – 11:30 Results of miRNA-371 in patients with testicular cancer /
Leo Dumbović, Zagreb, Croatia
- 11:30 – 11:55 The role and value of miRNA-371 in patients with germ cell
tumors – an oncologist's perspective /
Marijana Jazvić, Zagreb, Croatia
- 11:55 – 12:00 Discussion
- 12:00 – 13:00 **Symposium of the Working group for tumor markers**
(Hall Orlando A)
-
- Chair: József Petrik
- Tumor markers in contemporary oncology: from laboratory to
clinics / Sanja Langer, Milica Vrbanić
- 13:15 – 14:00 **CLOSING CEREMONY**

POSTERSKA I USMENA PRIOPĆENJA / POSTER AND ORAL PRESENTATIONS

Usmena priopćenja označena su zvjezdicom (*). /
Oral presentations are marked with an asterisk (*).

A – Hematologija/ Haematology

A-01	Is elevated MCHC in hyponatremia analyzer-dependent? A multicentric study. (Vanja Radišić Biljak, Lucija Dolovčak, Ana Nikler, Franciska Tomić, Ivana Vuga, Višnja Jureša, Ivana Lapić)
A-02	The difference in platelet count between capillary and venous blood samples – a multicentric study (Vanja Radišić Biljak, Ana Nikler, Valentina Vidranski, Višnja Jureša, Brankica Šimac)
A-03	Analytical verification of immature granulocytes on the Sysmex XN 1000 analyzer (Franciska Tomić, Ivana Vuga, Roman Mihić, Nives Benček, Jasna Obuljen, Marija Razum, Sandra Margetić)
A-04	Analytical traps in hematological monitoring of a patient on antituberculosis therapy: a case of EDTA-induced pseudothrombocytopenia (Ivana Vuga, Roman Mihić, Franciska Tomić, Jasna Obuljen, Marija Razum, Nives Benček, Sandra Margetić)
A-05	Verification of the immature platelet fraction (IPF) on the Sysmex XN-1000 hematology analyzer (Ivana Vuga, Franciska Tomić, Nives Benček, Roman Mihić, Jasna Obuljen, Marija Razum, Sandra Margetić)
A-06	Analytical verification of automated slide preparation unit Sysmex SP-50 (Nives Benček, Roman Mihić, Franciska Tomić, Ivana Vuga, Jasna Obuljen, Sandra Margetić)
A-07	Short-term stability of plasma viscosity on the Lovis 2000 M/ME viscometer (Franciska Tomić, Nives Benček, Ivana Čelap, Marija Grdić Rajković, Roman Mihić, Ivana Vuga, Jasna Obuljen, Marija Razum, Sandra Margetić)
A-08	Assessment regarding the way pre-analytical sample preparation affects the measurement of G6PD activity (Dragana Šegulja, Kristina Kobasić Horvatić, Karla Žeravica)
A-09	The value of extended hematological parameters in patients with myelodysplastic syndrome (Ivona Piščak, Ivana Lapić)
A-10	Diagnostic efficiency of automated reactive lymphocytosis grading indices in suspected Infectious Mononucleosis Syndrome using Sysmex XN-1500 WDF research parameters (Renat Mujagić, Karla Peruško, Lorena Honović)

A-11*	Reference intervals for hematological parameters in the umbilical cord blood samples on Advia 2021i hematological analyzer (Vladimira Rimac, Sanja Mazić, Ines Bojanić)
A-12	Establishment of indirect reference intervals for platelet indices on Sysmex XN-3100 hematology system (Ana Čukušić, Ivana Lapić)
A-13	Stability of samples used in quality assessment of complete blood count in hematopoietic stem cell products (Nikolina Blažević, Vladimira Rimac, Ines Bojanić)
A-14	Comparison of erythrocyte sedimentation rate (ESR) measured on VISION Pro with the Westergren reference method (Karmela Stipić, Jasna Štanfel, Dario Mandić, Vesna Horvat)
A-15	Comparison of two methods for schistocyte quantification on the automated hematology system Sysmex xn-3100 (Laura Matković, Marija Miloš, Désirée Coen Herak)
A-16	Evaluating the role of multiparameter flow cytometry in the diagnosis of multiple myeloma (Jozefina Palić, Josip Knežević, Marijana Nehutni, Antonija Babić, Hrvoje Lalić, Ana Kozmar)
A-17*	Investigating the stability of third party quality controls across haematology analysers (Ana Bronić, Marina Pavić, Viktorija Blagec)
A-18	Diagnostic challenges in T/Myeloid mixed phenotype acute leukemia: the value of multiparametric flow cytometry integrated with cytogenetic and molecular findings (Josip Knežević, Jozefina Palić, Marijana Nehutni, Antonija Babić, Hrvoje Lalić, Valerija Vidmar, Monika Kolundžić, Toni Božac, Ivana Franić Šimić, Iva Semren, Ana Kozmar)
A-19	5-DIFF vs. 3-DIFF: Comparison of differential blood count on Sysmex XS-1000i and microsemi CRP LC-767G hematology analyzer (Tina Brenčić, Katarina Jedrejčić)
A-20	Precision of differential blood count performed using the digital cell morphology analyzer Sysmex DI-60 (Elena Filipaj, Marija Miloš, Désirée Coen Herak)
A-21	Can automated CSF analysis on Sysmex XN-1500 reliably replace manual methods? (Josipa Vučetić, Petra Galić, Dominik Veselko Barać, Leida Tandara)

B – Hemostaza/ Hemostasis

B-01	The M-Protein Trap: Discrepant results between optical and impedance platelet aggregometry (Jelena Omazić, Marija Milić, Nikolina Brkić)
B-02	Influence of hemolysis on standard coagulation assays using the photo-optical method (Marina Pavić, Andrea Snagić, Ana Bronić, Viktorija Blagec)
B-03	Can citrate plasma samples be used for aPTT testing after 24 hours at +4°C? A comparison analysis of two coagulation analyzers (Merima Čolić, Anamarija Bogić, Désirée Coen Herak, Dunja Rogić)
B-04	Verification of the cobas t711 coagulation analyzer in a tertiary care laboratory (Anamarija Bogić, Merima Čolić, Désirée Coen Herak, Dunja Rogić)
B-05	Evaluation of lupus anticoagulant screening and confirmation reagents on the cobas t711 coagulation analyzer (Désirée Coen Herak, Merima Čolić, Anamarija Bogić, Dunja Rogić)
B-06*	Impact of normalization on the lupus anticoagulant diagnostic workflow (Branka Krešić, Katarina Radica, Matea Radomilja)
B-07	Applicability of the harmonised prothrombin time reference interval: A multi-analyser evaluation in healthy donors (Ana Bronić, Marija Milić, Sandra Margetić, Vanja Radišić Biljak, Branka Krešić, Désirée Coen Herak, Ana Nikler, Anamarija Bogić, Maja Tomičić)

C – Kardiovaskularne bolesti/ Cardiovascular diseases

C-01	A review and analysis of N-terminal pro-B-natriuretic peptide ordering at Karlovac General Hospital (Ana Stanić, Magdalena Ravlić, Vanja Kečkeš, Miljenka Maradin, Ivana Lapić)
C-02	Comparison of calculated LDL cholesterol between Beckman Coulter and Siemens analyzers (Antonija Perović, Stella Tomić, Zdravka Doljanin, Gordana Juričić)
C-03	Evaluation of the C-reactive protein to hdl cholesterol ratio as a marker of cardiovascular and renal risk among type 2 diabetic patients (Irena Kostovska, Andonika Karkova Dimovski, Katerina Tosheska Trajkovska, Elena Janevska)

D – Endokrinologija i koštane bolesti/ Endocrinology and Bone Diseases

D-01	Establishing of reference intervals for monomeric prolactin on Abbott Alinity i analyzer (Marija Siter Kuprešanin, Marina Brajković-Bralić, Andrea Saračević)
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D-02	Can fasting insulin be a marker of risk for Type 2 Diabetes? (Kornelija Klenkar, Bojana Kranjčec, Snježana Semenski, Gordana Tkalec, Valentina Šenjug, Luka Mavrić, Anita Lešković)
D-03	Immunometabolic signature of GDM: Lymphocyte ratios and genetic risk factors (Jelena Omazić, Andrijana Muller, Mirta Kadivnik, Jasenka Wagner Kostadinović)
D-04	Short-term changes in thyroid function tests during fasting: a 2-hour follow-up study (Domagoj Marijančević, Ivana Kulaš, Adriana Bokulić, Sanja Goreta, Iva Petek)
D-05	Are the doctor's requirements for diagnosing thyroid disease in accordance with recommended guidelines? (Tatjana Mikulin, Anamarija Đuras, Helena Kanižić)
D-06	Vitamin testing: the most popular laboratory test or a justified demand? (Helena Kanižić, Anamarija Đuras, Tatjana Mikulin)
D-07	Routine Laboratory Results as the Basis for a Justified Medical Decision on the Treatment of Subclinical Hypothyroidism (Tihana Serdar Hiršl, Koraljka Đurić, Marina Čepnija, Ivana Zec, Marijana Kraljević Šmalcelj, Tomislav Jukić, Tanja Bobetić-Vranić, Anita Somborac Bačura)

E – Kronične bolesti/ Chronic diseases

E-01	Trends in CA 19-9 testing and elevated values in 2015 and 2025: a retrospective study from Bitola (Bisera Trifunova, Biljana Ilkovska)
E-02	Comparison of the CKD-EPI creatinine equations from 2009 and 2021 in patients with diabetes mellitus (DM) (Sanja Marević, Marijana Jovanović, Nevenka Stančin, Indira Imširović, Antonio Lukenda, Lovorka Đerek)

F – Autoimune bolesti/ Autoimmune diseases

F-01	Association of CSF KFLC Index with Evoked Potentials and MRI in Early Relapsing–Remitting Multiple Sclerosis (Katarina Toljan, Mirela Kolak, Magdalena Krbot Skorić, Ivan Adamec, Mašan Sredanović, Katarina Tešija, Željka Vogrinc, Ljiljana Zaninović, Andrijana Jović, Mario Habek, Tereza Gabelić)
F-02	The clinical significance of zinc transporter 8 autoantibodies (ZnT8A) in patients with low-titer glutamic acid decarboxylase autoantibodies (Maja Krhač, Sandra Božičević, Filip Penava, Ena Matišić, Marijana Vučić Lovrenčić, Mirjana Mariana Kardum Paro)

F-03	Distribution of Cryoglobulinemia Types According to Sex and Associated Clinical Diagnoses: A Retrospective Study (Tajana Tunjić, Josip Knežević)
F-04	Neurofilament determination in patients with suspected multiple sclerosis (Nevenka Stančin, Lovorka Đerek, Janko Bubnjar, Sanja Marević, Marijana Jovanović)
F-05	Analytical Verification of DFS70 Autoantibody Testing in Routine Clinical Laboratory Practice (Kristina Dukić, Ana Kozmar, Dunja Rogić)

H – Pedijatrijska laboratorijska medicina/ Pediatric Laboratory Medicine

H-01	Change in total bilirubin measurement method: impact on phototherapy decisions in neonatal hyperbilirubinemia (Iva Frišić, Matea Ivić, Jasminka Stipanović-Kastelić, Sonja Perkov, Mirjana Mariana Kardum Paro)
H-02	Comparison of PCT concentrations in venous and capillary blood in newborns (Andrea Opančar, Marija Bošnjak Novaković, Ivanka Mikulić, Marijana Jerković Raguž, Vinka Mikulić, Kristina Ljubić, Ivana Aničić, Vesna Dabić, Ana Ćuk)
H-03	Biochemical and haematological markers of acute inflammation 24 hours after minor elective surgery in children (Jasna Obuljen, Anđelo Beletić, Irena Linarić, Bojana Magdić, Borna Rapčan, Gordan Lauc, Sandra Margetić, Jasna Leniček Krleža)
H-04	Comparison of turbidimetrically and nephelometrically measured total IgG with calculated from sum of IgG subclasses (Andrea Radeljak, Martina Jurina, Koraljka Đurić)
H-05	The verification of literature reference intervals for automated immature granulocyte measurements in neonatal capillary samples (Vanja Radišić Biljak, Ana Nikler, Tamara Bašić, Andrea Saračević, Rebeka Ribičić)
H-06	Functionality of immunoglobulin concentration measurement below the lower limit of the measuring range on the CobasTM c303 system (Martina Jurina, Andrea Radeljak, Koraljka Đurić)

I – Laboratorijska toksikologija/ Laboratory Toxicology

I-01*	Is measuring carbamazepine concentration sufficient for therapeutic drug monitoring in patients receiving carbamazepine therapy: a pilot study (Nora Nikolac Gabaj, Marija Božović, Iva Tarnik, Matej Nekić)
I-02*	Indirect estimation of selenium reference intervals: comparison of CLSI C28-A3 and RefineR approaches (Nora Nikolac Gabaj, Matej Nekić, Marija Božović, Iva Tarnik)

I-03	Tacrolimus blood concentration monitoring in the first year after kidney transplantation (Nafija Serdarević, Suzana Tihić-Kapidžić)
I-04	Can oxcarbazepine be excluded in Therapeutic Drug Monitoring? A retrospective LCMS risk assessment study (Marija Božović, Iva Tarnik, Matej Nekić, Nora Nikolac Gabaj)
I-05*	Area under the curve (AUC): A valuable indicator of mycophenolic acid dosing success (Dubravka Glasovac, Ivanka Kos, Sven Komljenović, Lovro Lamot, Martin Ćuk, Andrijana Ščavničar, Mila Lovrić)

J – Molekularna dijagnostika/ Molecular diagnostics

J-01	Pharmacogenetics of brivaracetam: Impact of CYP2C9 and CYP2C19 variants on therapeutic drug monitoring in real-life data (Sara Zovko, Lana Ganoci, Andreja Bujan Kovač, Željka Gadže Petelin, Livija Šimičević, Miranda Sertić, Vladimir Trkuļa, Mila Lovrić)
J-02	Analytical and clinical verification of Digital PCR for c-KIT Mutations in cfDNA across breast cancer subtypes and stages (Andro Brzović, Sandra Šupraha Goreta, Marko Žarak)
J-03	Impact of hemolysis, icterus and lipemia on PCR melting curve analysis using a LightCycler 480 - based workflow (Viktorija Blagec, Tomislav Pavičić, Ivan Blažanović, Mario Štefanović)
J-04	Comparison of two microvolume spectrophotometers for DNA concentration measurement and purity ratio assessment (Tomislav Pavičić, Viktorija Blagec, Ivana Čelap, Anita Tadić, Mario Štefanović)
J-05	Capillary vs. polyacrylamide gel electrophoresis after multiplex PCR- based clonality testing (Željka Tkalcic Švabek, Mirjana Mariana Kardum Paro, Delfa Radić Krišto, Slavko Gašparov)
J-06	Comparison of DeNovix dsDNA Broad Range Assay and Genomic DNA ScreenTape Assay for gDNA quantification (Viktorija Blagec, Marija Razum, Tomislav Pavičić, Mario Štefanović)
J-07	Structural DNA degradation during long-term refrigerated storage has limited impact on PCR-based genotyping in a single assay (Tomislav Pavičić, Viktorija Blagec, Sanja Kožaj, Marija Razum, Mario Štefanović)
J-08	Impact of age on presentation and molecular response to therapy in chronic myeloid leukemia (Toni Božac, Monika Kolundžić, Ivana Lapić, Jadranka Jerković, Marijana Jurak, Antonio Vrselja, Željka Vujin, Margareta Radić Antolic)

J-09	Comprehensive molecular profiling of FLT3 mutations: Prevalence of atypical mutations (Toni Božac, Monika Kolundžić, Ivana Lapić, Jadranka Jerković, Marijana Jurak, Antonio Vrselja, Željka Vujin, Margareta Radić Antolic)
J-10	Optimisation of plasma and RNA input volumes for circulating microRNA expression analysis in acute myeloid leukaemia (Marija Fabijanec, Andrea Hulina Tomašković, Martha Koržinek, Andrea Čeri, Marko Matusina, Anita Somborac Bačura, Lada Rumora, Iva Ivanko, Ivana Čelap, Sanja Kožaj, Margareta Radić Antolic, Monika Kolundžić, Ivana Lapić, Mirta Mikulić, Radovan Vrhovac, Marija Grdić Rajković)
J-11	Comparison of two commercial microRNA extraction kits for plasma samples (Martha Koržinek, Marija Fabijanec, Andrea Hulina Tomašković, Andrea Čeri, Marko Matusina, Anita Somborac Bačura, Lada Rumora, Iva Ivanko, Petra Gačina, Ivana Čelap, Sanja Kožaj, Margareta Radić Antolic, Monika Kolundžić, Mirta Mikulić, Marija Grdić Rajković)
J-12	Comparison of Digital Multiplex Ligation-dependent Probe Amplification (digital MLPA) and Oligonucleotide Array Comparative Genomic Hybridization with SNP Analysis (aCGH+SNP) in Patients with Acute Lymphoblastic Leukemia (ALL) (Iva Semren, Ivana Franić Šimić, Vanna Burić, Jadranka Škorput, Sanja Davidović Mrsić)
J-13	Effect of second elution and plasma input volume on the extraction efficiency of circulating cell-free DNA in patients with acute myeloid leukaemia (Marko Matusina, Andrea Čeri, Sara Komljenović, Marija Fabijanec, Martha Koržinek, Andrea Hulina Tomašković, Anita Somborac Bačura, Lada Rumora, Iva Ivanko, Tomislav Brblić, Ivana Čelap, Sanja Kožaj, Margareta Radić Antolic, Monika Kolundžić, Mirta Mikulić, Marija Grdić Rajković)
J-14*	Integrated genomic profiling of ovarian cancer reveals low tumor mutational burden, microsatellite stability, and actionable alterations (Tadej Pajič, Aleš Maver, Urška Kotnik, Borut Kobal, Borut Peterlin)
J-15	Impact of ABCB1 and CES1 variants on clinical outcomes of dabigatran therapy (Ivana Prpić, Jozefina Palić, Tamara Božina, Livija Šimičević, Lana Ganoci)
J-16*	Impact of CYP2C19, CYP2B6, ABCB1 and 5-HTTLPR pharmacogenetic variants on sertraline pharmacokinetics, therapeutic response and adverse drug reactions in the treatment of depression (Lana Ganoci, Mila Lovrić, Paula Marinović, Maja Živković, Dubravka Glasovac, Andrijana Ščavničar, Livija Šimičević, Vladimir Trkulja, Nada Božina)

K – Pretrage uz krevet bolesnika/ Point-of-care testing

K-01	Verification of point-of-care RADIOMETER ABL90 Flex analyzer in Karlovac General Hospital (Angela Brezetić, Ana Stanić, Antonija Čunović, Daniela Galez, Miljenka Maradin)
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K-02	The role of laboratory supervision in POCT quality control: A case report of discrepant glucose values (Magdalena Markota, Ivana Baršić Lapić, Dunja Rogić)
K-03	Comparison of total hemoglobin measurements between the Radiometer ABL90 FLEX blood gas analyzer and the Sysmex hematology analyzer (Gordana Juričić, Karla Peruško, Lorena Honović)
K-04	Comparison of urea and creatinine measurements between the Stat Profile Prime Plus and Roche Cobas c503 Analyzers (Karla Peruško, Gordana Juričić, Lorena Honović)

L – Sportska medicina/ Sports medicine

L-01	Effects of regular summer recreational diving on erythropoietin and red blood cell parameters (Antonija Perović, Gordana Juričić, Marina Njire Bratičević, Nikolina Tomičić, Marko Žarak, Jerka Dumić)
L-02	Insulin sensitivity across the menstrual cycle: A comparison between athletes and recreationally active women (Vanja Radišić Biljak, Melisa Šupuk, Jelena Pehar, Ana Nikler, Marija Siter Kuprešanin, Andrea Saračević, Damir Pekas, Ivan Segedi, Lana Ružić Švegl, Maja Cigrovski Berković)
L-03	Menstrual cycle phase and its impact on strength and power performance (Vanja Radišić Biljak, Melisa Šupuk, Jelena Pehar, Ana Nikler, Marija Siter Kuprešanin, Andrea Saračević, Damir Pekas, Ivan Segedi, Lana Ružić Švegl, Maja Cigrovski Berković)
L-04	Complete blood count stability differs between female athletes and the general population during delayed analysis (Ana Nikler, Vanja Radišić Biljak)
L-05	Circulating Calprotectin response to acute scuba diving in recreational divers (Gordana Juričić, Antonija Perović, Lorena Honović, Jerka Dumić)
L-06	Effect of Repeated Recreational SCUBA Diving on the Pituitary–Target Organ Axis (Marina Njire Bratičević, Antonija Perović, Marko Žarak, Jerka Dumić)

M – Novi biokemijski biljezi/ New Biomarkers

M-01	TGF-β1 concentrations in exosomes obtained by liquid biopsy from the plasma of patients with colorectal adenoma and colorectal cancer (Anita Somborac Bačura, Ema Žanić, Andrea Čeri, Marija Fabijanec, Ivana Čelap, Božo Krušlin, Neven Ljubičić, Neven Baršić, Karmela Barišić)
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M-02*	The association of concentration of urine calprotectin with sterile leukocyturia in patients with bladder cancer (Marija Siter Kuprešanin , Adelina Hrkać , Andrea Saračević , Adrijana Dorotić, Helena Čičak, Pero Bokarica, Slaven Ovčariček, Igor Alfrević, Edvard Galić)
M-03*	Serum GFAP and UCH-L1 in relation to CT findings in Traumatic Brain Injury (Ante Pušić, Ilija Perutina, Ana Čuk, Ivanka Mikulić, Marko Bošnjak, Vinka Mikulić, Kristina Ljubić)
M-04	Comparative performance of the ADAPT algorithm and FIB-4 index in a prospective cohort: The diagnostic value of PRO-C3 in identifying liver cirrhosis (Jelena Omazić, Ivan Petrošević)
M-05	Plasma levels of inactive Matrix Gla Protein in patients with colorectal cancer (Daniela Šupe-Domić, Leida Tandara, Lada Stanišić, Ivan Maleš, Krešimir Franić)

N – Nove tehnologije/ New Technologies

N-01*	Implementation of the clinical decision support algorithm for screening of hemoglobinopathies: preliminary results from the University Hospital Centre Zagreb (Ivana Lapić, Dragana Šegulja, Emrah Tahirović, Matko Čeme, Dunja Rogić)
N-02	Are you made of stone? – Establishment of indirect reference intervals for urinary oxalate and citrate (Sven Komljenović, Ivana Lapić, Mila Lovrić)
N-03*	Clinical validation of digital PCR-based ESR1 mutation detection in circulating cell-free tumor DNA from patients with breast cancer (Marina Tomičević, Marko Žarak, Lovorka Đerek)
N-04	Simultaneous determination of circulating tumour DNA and circulating tumour cells in colorectal cancer (József Petrik, Andrea Čeri, Donatella Verbanac, Marija Fabijanec, Neven Ljubičić, Neven Baršić, Ivana Čelap, Karmela Barišić)

O – Prikaz slučaja/ Case Report

O-01*	Bence Jones protein in serum detected using immunosubtraction electrophoresis (Dragana Šegulja, Lidija Volarić, Marinela Petruša)
O-02	Timely recognized and successfully treated acquired von Willebrand syndrome secondary to myeloproliferative disorder: a case report (Jasna Obuljen, Sandra Margetić, Iva Ivanko, Roman Mihić, Franciska Tomić, Ivana Vuga)

O-03	When EDTA interference hides thrombocytosis: A case of EDTA-induced pseudothrombocytopenia (Roman Mihić, Nives Benček, Franciska Tomić, Ivana Vuga, Jasna Obuljen, Sandra Margetić)
O-04	Eosinophilic pleocytosis in cerebrospinal fluid: a diagnostic challenge (Tomislav Hrgović, Tara Rolić)
O-05	Hyponatremia as a Source of Interference in CBC Measurements (Ivan Ožvald)
O-06	Therapeutic monitoring of antiseizure medications in blood during hemodialysis: a case report (Mihovil Horvat, Merica Aralica)
O-07	Determination of coagulation parameters using analyzers of different measurement methods in the case of asparaginase-induced lipemia interference (Petra Andrašić, Jasna Leniček Krleža)
O-08	Laboratory-driven resolution of a diagnostic deadlock in visceral leishmaniasis mimicking multiple myeloma: The impact of EuSpLM-led recognition of secondary hemophagocytic lymphohistiocytosis and prompt infectious disease specialist response (Diana Ljubimir, Ojdana Đurović, Marina Njire Bratičević, Nikolina Tomičić, Tamara Matić, Mihaela Vlahinić, Katarina Matana, Ljiljana Betica Radić)
O-09	Hidden APL: Diagnostic pitfalls and the power of cytogenetics in a life-threatening leukemia (Iva Semren, Ivana Franić Šimić, Ana Franjević, Sanja Davidović Mrsić, Barbara Marić, Ivana Žugčić, Josip Knežević, Jozefina Palić, Monika Kolundžić)
O-10	Flow cytometry immunophenotyping of cerebrospinal fluid cells in isolated relapse of acute myeloid leukemia in central nervous system – a case report (Blaženka Dobrošević, Maja Grabić Čorić, Barbara Vuković)
O-11	Resolving spurious hyperinsulinemia in an 83-year-old patient: The crucial role of clinician-laboratory communication (Andelo Beletić, Filip Penava, Miodrag Lacić, Nives Antolić, Marta Mihočinec, Darka Stošić-Đurić)
O-12	Severe autoimmune thrombocytopenia with an extreme low platelets: when laboratory diagnostics becomes crucial (Tomislav Hrgović, Ksenija Paradinović)
O-13	Endocrine-genetic axis of male infertility: Y-chromosome microdeletions and hormonal imbalance (Munevera Zejnilović, Nihad Zejnilović, Sanja Borozan, Dušan Perović, Iman Zejnilović)

P – Prijeadanalitička i poslijeadanalitička faza laboratorijskog rada/ Pre- and Postanalytical Phase of Laboratory Work

P-01	Effect of Delayed Centrifugation on Serum Potassium, Sodium, and Glucose Concentrations (Antonija Perović)
P-02	Risk analysis of current pediatric eGFR reporting using the Schwartz equation (Anita Radman, Alen Vrtarić, Lara Milevoj Kopčinović, Adriana Unić, Iva Kralj, Marijana Miler)
P-03*	Impact of menstrual cycle phase on CA125, HE4 and ROMA score interpretation in premenopausal women (Iva Friščić, Matea Ivić, Lucija Butorac, Sonja Perkov, Mirjana Mariana Kardum Paro)
P-04	Risk Analysis: Do we need to do microscopic differential blood count examination for every outpatient request? (Roman Mihić, Nives Benček, Ivana Vuga, Franciska Tomić, Jasna Obuljen, Sandra Margetić)
P-05	Validation of pneumatic tube system for arterial blood gas analysis: A comparison with manual delivery (Alen Vrtarić, Anita Radman, Marijana Miler, Adriana Unić, Lara Milevoj Kopčinović, Iva Kralj)
P-06	Effect of protease Inhibitor use in pediatric urine sample preparation for BDNF and NGF ELISA analysis (Merima Čolić, Jasna Leniček Krleža, Slaven Abdović)
P-07	Indirect reference intervals for free thyroxine and triiodothyronine on the Beckman Coulter Dxl 9000 analyzer (Lucija Franin, Vesna Šupak-Smolčič, Ivana Lapić, Lidija Bilić-Zulle)
P-08	Reducing the upper reporting limit for serum folate: impact on risk, time, cost and laboratory efficiency (Marijana Miler, Mateja Imamović, Iva Kralj, Alen Vrtarić, Anita Radman, Lara Milevoj Kopčinović, Adriana Unić)
P-09	Can reduced-volume capillaries replace standard ones in routine acid–base analysis? (Viktorija Blagec, Adriana Unić, Marijana Miler, Jelena Knezović, Alen Vrtarić, Lara Milevoj Kopčinović, Anita Radman, Iva Kralj, Marija Razum)
P-10	Are Current Ferritin Cut-offs Adequate? Insights from Indirect Reference Intervals and ROC Analysis (Adriana Unić, Alen Vrtarić, Anita Radman, Lara Milevoj Kopčinović, Iva Kralj, Marijana Miler)
P-11	Analysis of sample recollection after reporting suppressed results of hemolysis-sensitive tests in Karlovac General Hospital (Angela Brezetić, Ana Stanić, Antonija Čunović, Daniela Galez, Miljenka Maradin)

P-12	Abnormal serum protein electrophoresis in haemodialysis patients (Ana Pocrnja, Višnja Jureša, Sandra Drmić, Đurđa Winkler, Melani Bodalec, Tihana Pavošević, Željka Šarčević)
P-13	Effect of short aerobic activity on routine serum biochemistry parameters (Nela Puček, Robert Kolman, Vesna Šupak Smolčić, Lidija Bilić-Zulle)
P-14	Sample stability of lipoprotein (a) in serum after two repeated freeze-thaw cycles (Marijana Jovanović, Nevenka Stančin, Lovorka Đerek, Sanja Marević, Ana Čondić)
P-15	Validation of low-volume lithium heparin blood collection tubes for emergency laboratory testing in intensive care unit patients (Ivana Bilkić, Ivana Baršić Lapić, Mirjana Fuček)
P-16	Evaluation of post-analytical turnaround time in the emergency laboratory: implications for optimization of laboratory workflow (Dora Rebrek, Ivana Baršić Lapić, Dunja Rogić)
P-17	Influence of temperature on the stability of lipoprotein (a) in serum samples (Fran Smaić, Sanja Kačkov, Anamarija Banovac)

R – Biostatistika/ Biostatistics

R-01*	Indirect reference intervals for vitamin D using refineR (Sonja Homar, Lucija Franin, Vesna Šupak-Smolčić, Lidija Bilić-Zulle)
R-02	Prediction of optimal dilution for KFLC measurement in CSF based on albumin and IgG concentrations (Ana Turčić, Ljiljana Zaninović, Željka Vogrinc, Matko Čeme)
R-03	Population pharmacokinetic modeling of long-Acting risperidone: impact of CYP2D6 polymorphism (Iva Klarica Domjanović, Leon Aarons, Lana Ganoci, Mila Lovrić, Maja Živković, Nada Božina)

S – Upravljanje laboratorijem/ Laboratory Management

S-01	Analysis of nonconformities in the medical biochemistry laboratory of primary health care at the Zagreb county health center Velika Gorica: 2021 – 2023 (Sandra Blaško, Manuela Miletić, Marina Knežević)
S-02	Does standardizing pleural fluid analysis improve quality across the total testing process? (Lara Milevoj Kopčinović, Adriana Unić, Iva Kralj, Alen Vrtarić, Anita Radman, Marijana Miler)

S-03	Risk assessment in the Unit for Electrophoretic and Immunochemical Laboratory Diagnostics, Department of Laboratory Diagnostics, UHC Zagreb (Dragana Šegulja, Tajana Tunjić, Ivan Biškupić, Lidija Volarić, Kristina Kobasić Horvatić, Marinela Petruša, Nina Režabek, Petra Čančar)
S-04	Impact of a document management system on calibration and reagent change recording accuracy in a clinical laboratory (Jelena Culej, Daniela Kralj, Ana Paškvan, Vanja Raščanec Jurčević, Ivana Prpić, Hana Breyer Priselac)

T – Validacija metoda i testova/ Method and Test Validation

T-01	Verification of the cut-off for total prostate-specific antigen in the Croatian population for Snibe MAGLUMI immunoassay platform and method comparison (Ivana Lapić, Dragana Šegulja, Željka Jakoplić, Dunja Rogić)
T-02	Comparison of lipoprotein(a) measurement on Abbott Alinity and Beckman Coulter DxC 700 analyzers (Marina Čepnja, Irena Mišur Bauer, Adriana Unić, Marijana Miler)
T-03	Comparative evaluation of serum estradiol and progesterone measurement: AIA®-CL300 versus Roche Cobas 8000 (Irena Mišur Bauer, Marina Čepnja, Domagoj Marijančević, Adriana Unić)
T-04	Verification of reference intervals for the homocysteine enzymatic assay in serum and plasma on the Cobas c 503 (Mateja Pavleka, Ena Matišić, Lorena Škeljo, Mirjana Mariana Kardum Paro, Marijana Vučić Lovrenčić)
T-05	Verification of anti-TPO and anti-TG on MAGLUMI X3 and Abbott Architect i1000SR analyzers (Ema Crnek, Anita Klasić, Danijela Polak Erceg, Karolina Franc, Tamara Bezek)
T-06	Verification of the fecal immunochemical test on the OC-Sensor pedia analyzer (Višnja Batur, Mihaela Obrovac, Marija Marković, Dario Kontošić)
T-07	Analytical performance evaluations of C-reactive protein (CRP) assay on the Mindray BC-5310 CRP hematology analyzer (Danijela Polak Erceg, Karolina Franc, Tamara Bezek, Anita Klasić, Ema Crnek)
T-08	The verification of Abbott Alinity c® Prealbumin method (Helena Čičak, Erika Jurčić-Karlović, Tamara Bašić, Lucija Drinovac, Lara Milevoj Kopčinović, Andrea Saračević)
T-09	Verification of manufacturer-reported LOQ for TSH and Tg assays using pooled serum samples (Ivana Kulaš, Adriana Bokulić, Sanja Goreta, Iva Petek, Domagoj Marijančević)
T-10	Bringing Precision to Thyroid Testing: Verification Study of the Beckman Coulter Dxl 9000 Analyzer from a University Hospital Laboratory in Osijek (Inja Pavlić, Tara Rolić, Nikolina Damašek, Marija Vasiljević, Ivana Sarić)

T-11*	Verification of the reference interval for low dose ristocetin induced platelet aggregation on the Thrombomate XRA analyzer (Tomislav Hrgović, Marija Milić)
T-12	Comparison of follicle stimulating hormone (FSH), luteinizing hormone (LH), testosterone and estradiol concentration obtained by Alinity ci and Cobas e402 (Daniela Galez, Ana Stanić, Magdalena Ravlić, Zrinka Drenšek Brletić, Miljenka Maradin)
T-13	Verification of Diazyme Laboratories Human free light chain assays on Alinity ci (Antonija Čunović, Ana Stanić, Zrinka Drenšek Brletić, Vanja Kečleš, Miljenka Maradin)
T-14	Interference of hemolysis on serum protein electrophoresis on MiniCAP Flex Piercing (Dora Vuljanić, Adrijana Dorotić, Tamara Bašić, Andrea Saračević)
T-15	Verification of Abbott Alinity c High-sensitive C-reactive protein assay (Lucija Drinovac, Tamara Bašić, Erika Jurčić-Karlović, Helena Čičak, Andrea Saračević)
T-16	Calcium vs Calcium2 Reagent Assay: analytical performance comparison on Abbott Alinity c (Tamara Bašić, Lucija Drinovac, Helena Čičak, Erika Jurčić-Karlović, Andrea Saračević)
T-17	Method comparison of two osmometers and calculated osmolality in serum and urine samples (Zrinka Drenšek Brletić, Željka Vogrinc, Vlasta Cigula Kurajica, Miljenka Maradin)
T-18	Comparison study of aldosterone and renin on two automated immunochemical platforms: IDS-iSYS and Maglumi X6 (Dragana Šegulja, Lucija Balić, Saša Kralić-Ogrić)
T-19	Comparison of urine Albumin-to-Creatinine Ratio (ACR) determined on Siemens Atellica 1500 and Roche Cobas c503 analyzers (Karla Peruško, Renat Mujagić, Lorena Honović)
T-20	Comparison of Sampson-NIH and Friedewald equations for LDL-C estimation against direct LDL-C measurement across different triglyceride concentrations (Marija Razum, Adriana Unić, Lara Milevoj Kopčinović, Anita Radman, Alen Vrtarić, Iva Kralj, Viktorija Blagec, Iva Ušić, Marijana Miler)
T-21	Analytical verification and method comparison of alpha-1-antitrypsin (A1at) measurement on an immunonephelometric analyser (Antonio Lukenda, Nevenka Stančin, Lovorka Đerek)

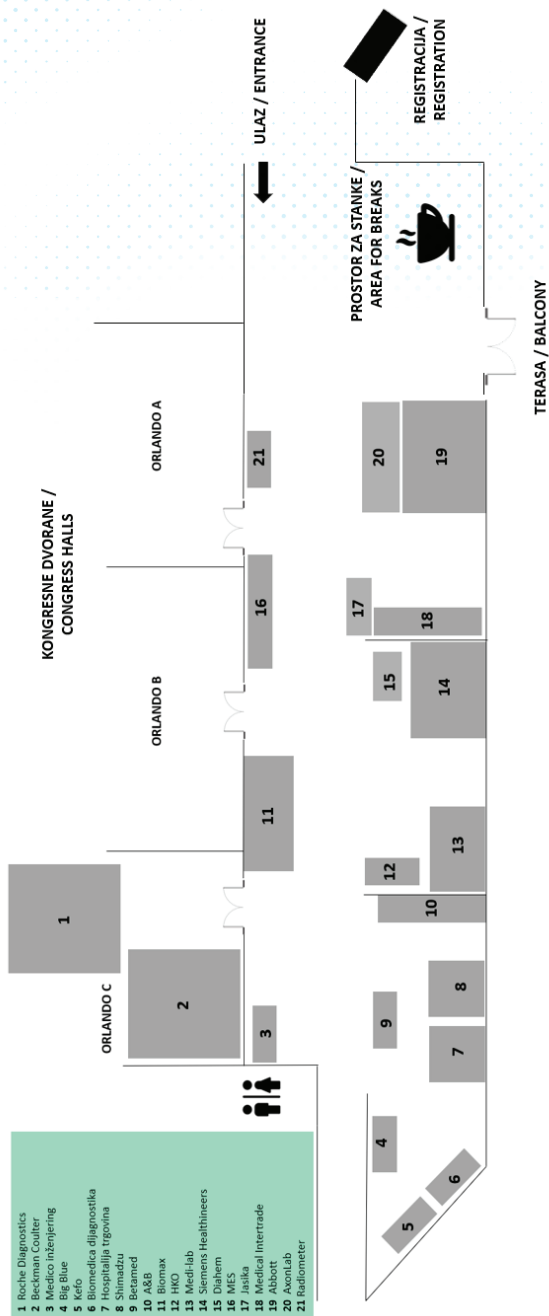
U – Ostalo / Other

U-01	Vitamin D status and supplementation in patients with spinal cord injury (Leona Burčak, Jasenka Trifunović, Marija Mikulčić)
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U-02	Evaluation of diagnostic accuracy of semi-quantitative urine test strips for routine screening of albumin/creatinine ratio in urine (Iva Kralj, Adriana Unić, Lara Milevoj Kopčinović, Anita Radman, Alen Vrtarić, Marijana Miler)
U-03	Inverse association between HbA1c and Vitamin D in female patients but not in males: a retrospective study (Emilija Arsenkov, Magdalena Piponska, Svetlana Stojanova Kostadinovska, Sofija Vckova Naumovska, Aleksandra Kostov, Stefan Arsenkov, Mimoza Bafqari-Bakiji)
U-04*	Toward establishing updated national reference intervals in Croatia: A pilot study by the Croatian Chamber of Medical Biochemistry using alkaline phosphatase as a model analyte (Adriana Bokulić, Gordana Juričić, Lara Milevoj Kopčinović, Ivana Deliće, Lorena Honović, Kornelija Perković Radojković, Alenka Pezo, Leida Tandara, Mario Štefanović, Irena Užović)
U-05	Evaluation of processed specimen stability for T-, B- and NK-Lymphocyte subset analysis by flow cytometry (Marijana Nehutni, Josip Knežević, Jozefina Palić, Ana Kozmar, Dunja Rogić)
U-06	Evaluation of the efficiency of different solvents for the extraction of the amino acids Phenylalanine, Tyrosine, and Methionine from dried plasma spot samples on filter paper (Iva Bilandžija Kuš, Ana Škaričić, Ksenija Fumić)



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SADRŽAJ / CONTENT

PORUKE DOBRODOŠLICE	2
WELCOME MESSAGES.....	3
OPĆE INFORMACIJE	6
GENERAL INFORMATION	6
ORGANIZATOR I ODBORI KONGRESA	9
CONGRESS ORGANIZER AND COMMITTEES	9
POPIS PREDAVAČA	10
LIST OF LECTURERS	10
POČASNI I PLENARNI PREDAVAČI	11
HONORARY AND PLENARY LECTURERS.....	11
SPONZORI I DONATORI.....	18
SPONSORS AND DONORS	18
POKROVITELJI	19
UNDER THE AUSPICES	19
RASPORED PROGRAMA	20
TIMELINE	22
ZNANSTVENI PROGRAM	24
SCIENTIFIC PROGRAM	25
Četvrtak, 15. listopada 2026.	24
Thursday, 15 October 2026	25
Petak, 16. listopada 2026.....	26
Friday, 16 October 2026	27
Subota, 17. listopada 2026.....	32
Saturday, 17 October 2026	33
Nedjelja, 18. listopada 2026.....	38
Sunday, 18 October 2026.....	39
POSTERSKA I USMENA PRIOPĆENJA	42
POSTER AND ORAL PRESENTATIONS	42
KNJIGA SAŽETAKA	57
ABSTRACT BOOK.....	57
IZLOŽBENI PROSTOR I POPIS IZLAGAČA.....	58
EXIBITION LAYOUT AND LIST OF EXIBITORS.....	58



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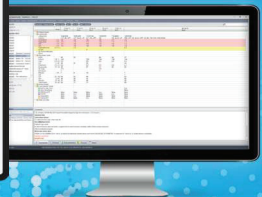
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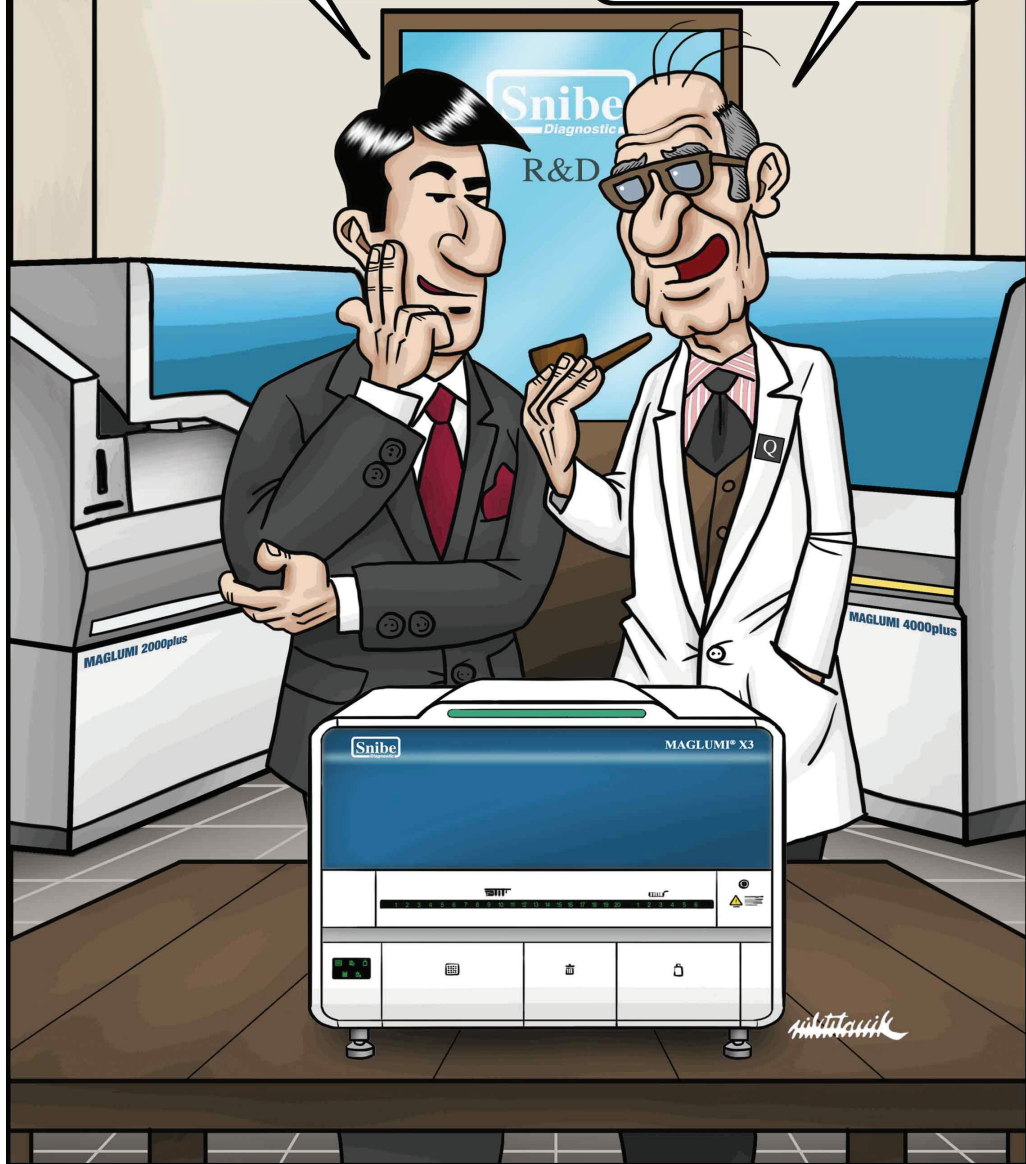


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