

CURRICULUM VITAE

Ime i prezime: Nafija Serdarević

Profesija: Specijalista medicinske biokemije,

Doktor farmaceutskih znanosti,

Redovni profesor na Fakultetu zdravstvenih studija u Sarajevu i

III ciklusu Farmaceutskog fakulteta u Univerziteta u Tuzli

Mjesto rođenja: Sarajevo

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Obrazovanje:

07.04.2012. Federalno ministarstvo zdravstva - odluka o dodjeli zvanja primarius,

06.11.2009. Odbranjena doktorska teza na temu „Serumska koncentracija homocisteina nakon ishemičnoga moždanog udara“ Farmaceutski fakultet u Tuzli, Univerzitet u Tuzli, Bosna i Hercegovina pod mentorsvom prof.dr. L.Begić,

28.02.2008. Položen specijalistički ispit iz medicinske biokemije.

2004-2007: Specijalizacija iz medicinske biokemije, Klinički centar Univerziteta u Sarajevu,

10.06.2004: Odbranjen magistarski rad na temu“ Problematika određivanja litijevih jona u tjelesnim tečnostima“ Farmaceutski fakultet u Ljubljani, Univerzitet u Ljubljani, Slovenija pod mentorstvom prof.dr. I.Malešić,

2000-2002: Postdiplomski studij biomedicine smjer klinička biokemija Farmaceutski fakultet u Ljubljani, Univerzitet u Ljubljani, Slovenija,

2000: Stručni ispit,

1992-1998: Studije na Farmaceutskom fakultetu u Sarajevu, Bosna i Hercegovina,

1988-1992: Prva gimnazija u Sarajevu.

Zaposljenja:

04.03.2002. – 27. 12. 2004: „Apoteke Sarajevo“ magistar farmacije.

27. 12. 2004. – 28. 02. 2008: Institut za kliničku kemiju i biokemiju, Klinički centar Univerziteta u Sarajevu, specijalizant na specijalizaciji iz medicinske biokemije.

28. 02. 2008. – 06.03.2018: Institut za kliničku kemiju i biokemiju, Klinički centar Univerziteta u Sarajevu, specijalista medicinske biokemije.

06.03.2018. – do danas: OJ Klinička biohemija sa imunologijom, Klinički centar Univerziteta u Sarajevu, specijalista medicinske biokemije.

02.06.2010. – 08.06.2015: Fakultet zdravstvenih studija, Univerzitet u Sarajevu, izabrana u zvanje docenta za oblast Kliničko hemijska laboratorijska tehnologija

27.05.2015. – 27.05.2021.: Fakultet zdravstvenih studija, Univerzitet u Sarajevu, izabrana u zvanje vanrednog profesora za oblast Kliničko hemijska laboratorijska tehnologija

31.03.2021.-do danas Fakultet zdravstvenih studija, Univerzitet u Sarajevu, izabrana u zvanje redovnog profesora za oblast Kliničko hemijska laboratorijska tehnologija

2021- do danas Farmaceutski fakultet Univerzitet u Tuzli izabrana u zvanje redovnog profesora za III ciklus studija

IFCC-Internacionalno udruženje Kliničkih biohemičara

2019-do sada –Dopisni član radne grupe-Etika (IFCC-Task Force on Ethics-TF-E) ispred Udruženja medicinskih biokemičara Bosne i Hercegovine.

2014-2022 Član radne grupe -Mladih naučnika (IFCC Task Force for Young Scientists) ispred Udruženja medicinskih biokemičara Bosne i Hercegovine.

Učešće u DAAD komisiji

U periodu od 2012-2013 učestvovala kao član komisije u izboru stipendista za DAAD (Njemačko akademsko udruženje za razmjenu rada) stipendije u Njemačkoj za državljanje Bosne i Hercegovine stipendije su namjenjene za master i doktorske studije kao i istraživačke stipendije u Njemačkoj.

Učešće u DAAD komisiji

U periodu od 2015-2020 učestvovala kao član komisije u izboru stipendista za DAAD (Njemačko akademsko udruženje za razmjenu rada) stipendije u Njemačkoj za državljanje Bosne i Hercegovine stipendije su namjenjene za master i doktorske studije kao i istraživačke stipendije u Njemačkoj.

Učešće u komisiji za polaganje specijalističkoga ispita

U periodu od 2013-do danas je učestvovala kao član komisije za polaganje specijalističkoga ispita iz medicinske biohemije za doktore medicine i magistre farmacije pri Federalnom ministarstvu zdravstva Federacije Bosne i hercegovine.

Naučna usavršavanja ON-LINE Predavanja:

- 1) Roche CARE: Kontinuirana edukacija kroz projekat STRUKOVANJE-„Borba sa COVID 19 u Bosni i Hercegovini“29. juli 2020.
- 2) Roche CARE: Kontinuirana edukacija kroz projekat STRUKOVANJE-„PREEKLAMPSIJA se može spriječiti, pratiti i liječiti“29. septembar 2020.
- 3) Roche CARE: Kontinuirana edukacija kroz projekat STRUKOVANJE-„CarDiaLogue“ 11. novembar 2020.
- 4) IFCC Webinars-Live Series Fall 2020 „ Expanding Newborn Screening Globally: Reducing Infalt Mortallity Through Early Diagnosis, 23. novembar 2020.
- 5) IFCC Webinars-Live Series Fall 2020 „ Advancing Internal and External Quality Assurance on a Global Scale, 04.novembar 2020.

Učešća na kongresima i simpozijumima:

- 1) Critical role of Clinical Laboratories in the COVID-19 pandemic - IFCC GLOBAL CONFERENCE ON COVID-19; 15-17 February, 2021. On-Line
- 2) 1st Conference EFLM/AFCB, "Societies Mobile for Medicine Laboratory" XXXIV National Days of Clinical Biology 18-21 February, 2021. Virtual Congress, Tunis On-Line
- 3) Keystone Symposia's eSymposia on Hepatobiliary Cancers: Pathobiology and Translational Advances - EK29, 22 - 24 March, 2021. On-Line
- 4) World Sepsis Congress 2021 – Advancing prevention, survival and survivorship of Sepsis and COVID-19. Global Sepsis Alliance; 21 - 22 April, 2021. On-Line
- 5) Simpozijum Magistara farmacije Tuzlanskog kantona: 8. Simpozij 05.06.2021. Tuzla, Bosna i Hercegovina. On-Line
- 6) XXVIII Balcan Clinical Laboratory Federation Meeting and XIII National Conference of Clinical Laboratory, Sofia 2021, Bulgaria, 08-11 September 2021. On-Line
- 7) Keystone Symposia's eSymposia meeting Vitamin D Workshop – 22 EK4, 13 - 14 October, 2021 On-Line
- 8) WordlLab; EuroMedLab Roma 2023, Italy, May 21-25. 2023
- 9) Dani zdravstvenih nauka“ povodom obilježavanja 50. godina Fakulteta zdravstvenih studija. 15-16. decembar 2023. Sarajevo, Bosna i Hercegovina.
- 10) 1. Kongres ULISZS sa međunarodnim učešćem, 26-28. april 2023. Sarajevo, Bosna i Hercegovina.
- 11) IFCC WordlLab; IFCC, Dubai 2024, UAE, May 26-30. 2024.
- 12) XXXI Balcan Clinical Laboratory Federation Meeting and XIII National Conference of Clinical Laboratory, Antalya, Turkey 2024; 28 October-1 November 2024.
- 13) 26th IFCC-EFLM EuroMedLab Congress of Clinical Chemistry and Laboratory Medicine; 49th Annual Meeting of Royal Belgian Society of Laboratory Medicine, Brussels 2025, May 18-22. 2025.
- 14) XXXII Balcan Clinical Laboratory Federation Meeting and XVI National Conference of Clinical Laboratory the Romanian Association of Laboratory Medicine “ Sinaia 2025, Romania, 08-11 October 2025.
- 15) Interconnected Water Extremes: Building Resilient Pathways Across Europe; Institut fur sozial-okologische Forschung (ISOE), November 20-21. 2025. Zagreb Croatia.

Predavanje (usmena prezentacija) po pozivu na Kongresu/Simpoziju od međunarodnog značaja:

- 1) **Serdarević N.** The serum concentration of homocysteine and lipids after ischemic stroke. Prvi kongres medicinskih biokemičara Bosne i Hercegovine s međunarodnim sudjelovanjem, Sarajevo, 21-22.05.2010.

- 2) **Serdarević N.**, Begić L., Mulaomerović- Softić A. Vrijednosti homocisteina i lipida kod pacijenata sa ishemičnim moždanim udarom i vaskularnom demencijom. 3. Simpozij Abbott Diagnostics, Sv. Martin na Muri, Hrvatska 11-13.05.2012.
- 3) **Serdarević N.**, Hasanefendić B., Ćorić J. N-GAL (Neutrofilna gelatinaza udružena sa lipokainom) biomarker pri akutnom bubrežnom oštećenju. III Kongres farmaceuta Bosne i hercegovine sa međunarodnim učešćem, „Farmacija zasnovana na dokazima“ Sarajevo 14-17.05.2015.
- 4) **Serdarević N.**, Begić L., Mulaomerović- Softić A. Ćorić J. The serum value of uric acid in patients with Cerebrovascular disease (Ischemic stroke and Vascular dementia). 23 rd BCLF (Balcan Clinical Laboratory Federation) Meeting, Sarajevo, 07-09.10.2015.
- 5) **Serdarević N.** The serum concentration of tumor markers CA 15-3 and CEA in breast cancer. 24 rd BCLF (Balcan Clinical Laboratory Federation) Meeting, Tirana, Albania, 05-08.10.2016.
- 6) **Serdarević N.** Serum ska koncentracija kreatinina i cystatina C pri procjeni glomerularne filtracije/ Serum concentration of Creatinine and Cystatin C in the assessment of glomerular filtration. „Dani zdravstvenih nauka, Sarajevo, BiH, 19-20.12.2018.
- 7) **Serdarević N.** The protein supplements and its inhibition of liver enzymes at athletes. 27 rd BCLF (Balcan Clinical Laboratory Federation) Meeting, Antalya, 27-31.11.2019. Turkey
- 8) **Serdarević Nafija:** Vitamin D i Covid-19- Simpozijum Magistara farmacije Tuzlanskog kantona“Uticaj pandemije COVID-19 na zdravstveni sistem i zdravlje stanovništva“: 8. Simpozij 05.06.2021. Tuzla, Bosna i Hercegovina - ON-LINE
- 9) **Serdarević Nafija.** The Value of Prostata-specific Antigen for Prostate Cancer and Benign Prostatic Hyperplasia „ XXVIII Balcan Clinical Laboratory Federation Meeting and XIII National Conference of Clinical Laboratory“ Sofia 2021, Bulgaria, 08-11 September 2021 ON-LINE.
- 10) **Serdarević Nafija.** Interferencija sa biotinom u imunohe mijskim testovima. Kongres “ Dani zdravstvenih nauka“ povodom obilježavanja 50. godina Fakulteta zdravstvenih studija. 15-16. decembar 2023. Sarajevo, Bosna i Hercegovina.
- 11) **Serdarević Nafija.** „Zamke u određivanju imunohe mijskih analiza“. 1. Kongres ULISZS sa međunarodnim učešćem, 26-28. april 2024. Sarajevo, Bosna i Hercegovina.

- 12) **Serdarevic Nafija:** Homocysteine & Lipid Values in Patients With Stroke & Vascular Dementia, APFCB COMPLIMENTARY WEBINAR: The Interplay of Biological Factors in Chronic Diseases Pathogenesis. (Asia-Pacific Federation in Clinical Biochemistry and Laboratory Medicine - APFCB)-on 09 th May 2025;ON LINE.
- 13) **Serdarević Nafija.** „Serum concentration of Anti-Mullerian hormone (AMH), Follicle stimulation hormone (FSH) Luteinizing hormone (LH) and LH/FSH ratio and their correlations with age in women“ XXXII Balcan Clinical Laboratory Federation Meeting and XVI National Conference of Clinical Laboratory the

Romanian Association of Laboratory Medicine “ Sinaia 2025, Romania, 08-11 October 2025.

Učešće u naučnim i organizacionim komitetima kongresa i simpozijuma

- (1) Naučni odbor: Prvi kongres medicinskih biokemičara Bosne i hercegovine s međunarodnim sudjelovanjem, Sarajevo, 21-22.05.2010.
- (2) Naučni odbor: IFCC Worldlab Istanbul 2014; 22 International Congress of Clinical Chemistry and Laboratory Medicine (IFCC Worldlab 2014), Istanbul, 22-26.06.2014.
- (3) Organizacioni odbor: 23 rd BCLF (Balcan Clinical Laboratory Federation) Meeting, Sarajevo, 07-09.10.2015.
- (4) Naučni odbor: 5th Antiviral research and development conference, San Diego, CA, USA, 1-2.06.2016.
- (5) Naučni odbor: 6th Antiviral Drugs Research & Development Conference, Baltimore, MD, USA, 13-14.07.2017.
- (6) Dani zdravstvenih nauka“ povodom obilježavanja 50. godina Fakulteta zdravstvenih studija. 15-16. decembar 2023. Sarajevo, Bosna i Hercegovina.
- (7) Dani zdravstvenih nauka“ povodom obilježavanja 50. godina Fakulteta zdravstvenih studija. 15-16. decembar 2023. Sarajevo, Bosna i Hercegovina.
- (8) Dani zdravstvenih nauka“ povodom obilježavanja 51. godina Fakulteta zdravstvenih studija. 19-20. decembar 2024. Sarajevo, Bosna i Hercegovina.
- (9) 3. Kongres medicinskih biohemičara u Bosni i Hercegovini (UMBBIH) 24-26. oktobar 2025. Banja Luka, Bosna i Hercegovina.

Projekti:

- (1) **Voditelj projekta ispred Fakulteta zdravstvenih studija Univerziteta u Sarajevu:** „Znanje i zastupljenost vitamina B12, B6 i folata u ishrani studentske populacije u cilju prevencije ateroskleroze“. Kanton Sarajevo Ministarstvo za obrazovanje, nauku i mlade; Nučnoistraživački/umjetničko/istraživačko razvojni projekat od posebnog interesa za Kanton Sarajevo u 2018.godini.

(2) **Voditelj projekta** - „Znanje stanovnika Opštine Centar o zastupljenosti perfluoriniranim alkiliranih substanci (PFAS) u okolišu i njihov uticaj na zdravlje“ Projekat iz oblasti zaštite okoliša, urbanog razvoja i komunalne infrastrukture iz Budžeta Općine Centar Sarajevu za 2019. godinu.

(3) **Učesnik projekta ispred Kliničkog centra Univerziteta u Sarajevu:**“ Ispitivanje utjecaja ratne traume na dugoročnu koncentraciju BDNF-a kod starijih pacijenata sa hidrocefalusom“ – Biomedicina i zdravstvo - Nučnoistraživački/umjetničko/istraživačko razvojni projekat –Federalno ministarstvo obrazovanja-voditelj projekta prof.dr. Erna Suljić-Mehmedika za 2019. godinu.

(4) **Međunarodni projekat-ERGOMED - Učesnik projekta ispred Kliničkog centra Univerziteta u Sarajevu:**“ kao dio laboratorijskog tima u provođenju otvorene, randomizirane, aktivno kontrolisane multicentrične studije faze III u liječenju bolesnika sa akutnom HIT (heparin indukovanom trombocitopenijom) na Klinici za bolesti srca krvnih žila i reumatizam i Klinike za plućne bolesti, Klinički centar Univerziteta u Sarajevu u periodu od 02.12.2019. sa Prof. Dr. Šekibom Sokolovićem i prof.dr. Bakirom Mehićem kao glavnim ispitivačima (eng. Principal Investigator).

Učešće na projektu ispred Kantonalnoga ministarstva zdravstva:

- 01.01.2025-31.12.2025 godine projekat ispred Kantonalnoga Ministarstva zdravstva i Kliničkog centra Univerziteta u Sarajevu: „Skrining program ranog otkrivanja raka prostate“
- 01.01.2026-31.12.2026 godine projekat ispred Kantonalnoga Ministarstva zdravstva i Kliničkog centra Univerziteta u Sarajevu: „Skrining program ranog otkrivanja raka prostate“

Učešće na projektu:

- „Usporedba vrijednosti prokalcitonina u kapilarnoj i venskoj krvi (ABBOTT) 2025-2026“

Patent:

Podnosioc zahtjeva: **Nafija Serdarević**

Broj pronalaska: **IP-02-48-1-03022/13**

21/05/2013 – Donesen Zaključak o utvrđivanju datuma podnošenja prijave patenta **BAP132977A**

08/01/2015 – Zaključak o objavljivanju prijave patenta **BAP132977A**

Službeni glasnik Instituta za Intelektualno vlasništvo Bosne i Hercegovine 1/2015 objava zahtjeva za patent

26/02/2016-Rješenje o dodjeli konsenzualnog patenta- **BAP132977A**

Patent:

Podnosioc zahtjeva: **Nafija Serdarević**

Naziv pronalaska: „POSTUPAK ODREĐIVANJA MUKOPOLUSAHARIDA (GLUKOZAMINOGLIKANA) U URINU“

Broj: IP-02-48-1-07031/19ŠI

12/12/2017 – Donesen Zaključak o utvrđivanju datuma podnošenja prijave patenta **BAP173230A**

Službeni glasnik Instituta za Intelektualno vlasništvo Bosne i Hercegovine 2/2019 objava prijave patenta

19/07/2019 – Zaključak o objavljivanju prijave patenta **BAP173230A**

Službeni glasnik Instituta za Intelektualno vlasništvo Bosne i Hercegovine 2/2019 objava zahtjeva za patent

04/10/2019-Poziv za uređenje zahtjeva za dodjelu konsenzualnog patenta- **BAP173230A**

21/10/2019-Rješenje o dodjeli konsenzualnog patenta- **BAP173230A**

Projekti tokom istraživačkih boravaka (U prilogu mišljenje prof. dr. W.E. Muller i prof.dr. W.Steimer)

- 1) Tokom jednogodišnje istraživačke stipendije DAAD (Njemačko akademsko udruženje za razmjenu rada) (1998/1999) sudjeluje kao istraživač na projektu „St. John's Wort and Kava Kava on Brain Neurotransmitter Levels in the Mouse” pod mentorstvom Dr. W.E. Mullera, profesora na Odsjeku za farmakologiju, Farmaceutskog fakulteta, Biozentrum Niederursel, Univerzitet u Frankfurtu/Main.
- 2) U toku DAAD stipendije sudjeluje u projektu “Etabliranje i validiranje metode za određivanje antibiotika u serumu pacijenata sa LCMS” pod mentorstvom Dr. W. Steimera, profesora na Institutu za kliničku hemiju i patohemiju TU-Munchen- Technische Universitat Munchen/ Tehnički Univerzitet u Minhenu.

Članstva

1. Udruženje medicinskih biokemičara Bosne i Hercegovine članica IFCC-a,
2. Udruženje farmaceuta Bosne i Hercegovine,
3. Slovensko udruženje biokemičara članica FEBS-a,
4. Američko udruženje kliničkih kemičara –AACC.

Objavljeni naučni radovi od značaja:

- 1) Dabla PK, Singh S., Viswas A., Gupta S., Yadav M., Sonkar CS, Koner BC, **Serdarevic N.** Polymorphic variants in GABA-A receptor and their association with epilepsy and drug resistance: A North Indian cohort study. World Journal of Psychiatry (WJP) 2025;15(11);108964 doi [HTTPS://DX.DOI.ORG/10.5498/wjp.v15i11.108964](https://dx.doi.org/10.5498/wjp.v15i11.108964).

- 2) Dabla PK, Upreti K, Singh D, Singh A, Puri V, Stanciu AE, **Serdarevic N**, Gruson D. Anti-epileptic medication induced disturbed calcium-vitamin D metabolism: A behavioral analysis using association rule mining technique. *World J Exp Med* 2025; 15(3): 104799 [DOI: 10.5493/wjem.v15.i3.104799]
- 3) Stanciu, A.E.; Bolovan, M.L.; Zamfir-Chiru-Anton, A.; Voiosu, C.; Dabla, P.K.; Stanciu, M.M.; **Serdarevic, N.**; Gherghe, M. The Interplay Between High Cumulative Doses of Radioactive Iodine and Type 2 Diabetes Mellitus: A Complex Cardiovascular Challenge. *Int. J. Mol. Sci.* **2025**, *26*, 37. <https://doi.org/10.3390/ijms26010037>
- 4) **Serdarevic N.**, Klapuh-Bukvić N., Segalo S., Osmic-Husni A. Erythromycin interferences with laboratory test results. *Turk. J. Biochem.* 2024,49(SI). PP 102: 278-280.
- 5) Verona J, Gulsen Y, Zaninotto M, Munsaka S, **Serdarevic N**, Datta SK, Wiencek J, Fink N. Ethical Checklists for Clinical Research Projects and laboratory medicine: two tools to evaluate compliance with bioethical principles in different settings. *Clin Chem Lab Med* 2024. DOI: [10.1515/cclm-2024-0604](https://doi.org/10.1515/cclm-2024-0604)
- 6) **Serdarevic N**, Culin M, Dautbasic A, Stanciu AE, Dabla P, Durak-Nalbantic A. Changes of TSH, FT3 and FT4 levels in patients with hyperthyroidism. *Health Bulletin.* 2024;10 (1): 94-107.
- 7) Segalo S., Pašalić A., Papić E., Maestro D., **Serdarević N.**, Zhaohui S., Čano Dedić L. The burden of laboratory-acquired infections and occupational exposures among medical laboratory professionals in Europe: a multicenter study
- 8) Durak-Nalbantic A., Begic E., Džubur A., Begic A., Badnjevic A., Rebic D., Hamzic-Mehmedbašić A., **Serdarević N.** At all. Predictors of Mortality After IndexHospitalisation for Acute HeartFailure–Difference in HFREF and HFPEFGroup. *MEDICON 2023/CMBEBIH 2023*, 94, pp. 762–771, 2024.https://doi.org/10.1007/978-3-031-49068-2_7
- 9) **Serdarevic N**, Culin M, Frankovic M, Segalo S, Klapuh-Bukvic N, Vujica I. Serum activity of enzymes and bilirubin in patients with cirrhosis and liver cancer. *Health Bulletin.* 2023; 9 (1): 86-99.
- 10) Mehmedika-Suljić E, Izetbegović S, **Serdarević N**, Rovčanin B, Mahmetbegović N, Mehičević A, Omerhodžić I. Serum biomarkers in normal pressure hydrocephalus. *Med Glas (Zenica).* 2023 Aug 1;20(2). doi: 10.17392/1590-23
- 11) Šegalo S, Pašalić A, Maestro D, Su Z, **Serdarević N**, Jogunčić A at all. Vaccination coverage among laboratory personnel - health safety imperative for all. *Vacunas.* 2023 February; 00(0): 00-00. DOI: 10.1016/j.vacun.2022.12.003

- 12) Klapuh-Bukvić N, **Serdarević N**, Unčanin S, Lasić L, Fajkić A, Ademović E, Dervišević A. Assessment of C-Reactive Protein, Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio in Patients at Different Stages of Chronic Kidney Disease. *Journal of Interdisciplinary Medicine (JIM)*. 2022 December; 7(4):81-87.
- 13) Dedić LC, Pašalić A, Šegalo S, **Serdarević N**, Vefić A. EFFECTS OF PROTEIN SUPPLEMENTS ON LIVER ENZYMES LEVELS IN ATHLETES KNOWLEDGE-International Journal, 2022; 4(55): 743-748.
- 14) Uncanin S., Hajrovic A., **Serdarevic N.**, Hasanefendic B., Klapuh-Bukvic N. The Most Common Complications and Prevalence of Diabetic Kidney Disease in Patients with Diabetes Mellitus: a Single Center Experience. *Int J Biomed Health*. 2021;9(1):39-43.
- 15) **Serdarević N**, Unčanin S. Vitamin D i Covid-19. *Zbornik radova Simpozijuma magistara farmacije Tuzlanskog Kantona*. 2021: 8 (8) ISSN: 2566-4271
- 16) Sharma S., Dabla PK., **Serdarevic N**. Association between carotid-intima media thickness and triglyceride glucose index in hypertension. *WJPPS* 2020;9(9) 2149-59.
- 17) Uncanin S., **Serdarevic N.**, Klapuh N., Haskovic E. Peritoneal transport characteristic at the beginning and long term peritoneal dialysis: A single center experience. *Mater Sociomed* 2020 Jun;32(2):99-104.
- 18) Uncanin S., Dzemicdzic J., **Serdarevic N.**, Muslimovic A., Haskovic D. Idiopathic membranous nephropathy and treatment related complications. *Med. Arch*. 2020 jun;74(2): 228-232.
- 19) **Serdarevic N.**, Stanciu AE., Begic L., Uncanin S. Serum Uric acid concentration in patients with cerebrovascular disease (ischemic stroke and vascular dementia). *Med. Arch*. 2020 Aprl; 74(2):95-100.
- 20) Stanciu AE, **Serdarevic N**, Stanciu MM, Mazilu L, Bratu O, Gherghe M, Vonea AC, Gheorghe DC. Comparative evaluation of the bladder tissue polypeptide specific antigen and voided urine cytology in early detection of primary bladder tumors. *REV.CHIM (Bucharest)*. 2019 70 (12): 4514-4517.
- 21) **Serdarevic N**, Katana B, Jaganjac A, Bojicic S, Brankovic S, Mahmutovic J. The cigarette smoking, coffee and supplements intake at students of Sarajevo University. *Med. Arch*. 2019 Aprl; 73(2):104-108.
- 22) **Serdarevic N**, Pasalic A, Djido V, Pecar M, Trtak N, Gojak R. The vitamine source usual food intake at students. *Mater. Sociomed*. 2019; 31(1):54-57.
- 23) **Serdarevic N**, Dabla P, Stanciu AE. Systematic differences between total and free prostate-specific antigen immunoassays: comparison using Passing and Bablok

- regression. Indian J. Clin Biochemistry 2019;1-9. Investigation DOI <https://link.springer.com/article/10.1007/s12291-019-0818-6>
- 24) **Serdarevic N.**, Smajc J. Comparison of chemiluminescent microparticle immunoassay with electrochemiluminescent immunoassay for carcinoembryonic antigen. J.Health. Sciences. 2018; 8(2):94-100.
 - 25) **Serdarevic N.** The comparison between different immunoassays for serum carbohydrate antigen (CA 19-9) concentration measurement. Acta Inform Med. 2018; 26 (4):235-239.
 - 26) Stanciu A.E., Vatasescu R.G., Stanciu M.M., **Serdarevic N.**, Dorobantu M. The role of pro-fibrotic biomarkers in paroxysmal and persistent atrial fibrillation. Cytokine 2018;103:63-68.
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- (2) **Nafija Serdarević:** Srčani biomarkeri u laboratorijskoj medicini, Sarajevo 2019. (recenzirana knjiga). ISBN-978-9926-474-02-7; COBISS.BH.ID-2857319.

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- (1) **Nafija Serdarević:** Urgentna stanja u laboratorijskoj praksi Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, Sarajevo 2020. Univerzitetski udbenik. ISBN-978-9958-692-22-2 I COBISS.BH.ID-40997894
- (2) **Jozo Ćorić:** Kontrola Kvaliteta rada u laboratorijskoj medicini, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, Sarajevo 2014. Univerzitetski udbenik. CIP 061.64:61]:005.6(075.8).
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 - Jozo Ćorić, **Nafija Serdarević**, Radivoj Jadrić: 2. Biološki i metodološki činioci koji utiču na rezultate laboratorijskih pretraga. Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, Sarajevo 2014: 13-25.
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- 1) Nahida Srabović, Esmeralda Dautović, Aida Smajlović, Adaleta Softić: Ugljikohidrati i masti kao metabolička goriva u zdravlju i bolesti, Univerzitet u Tuzli 2025

Objavljene apstrakt publikacije na kongresima:

- 1) Kurtanovic Z., **Serdarevic N.** Seper D., Tihić-Kapidžić S. Diagnostic value of tumor markers CEA and CA 19-9 in colorectal cancer. 3. Kongres medicinskih biohemičara u Bosni i Hercegovini (UMBBIH) 24-26. oktobar 2025. Banja Luka, Bosna i Hercegovina.
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Mentorstvo u master radovima (završni rad II ciklusa po Bolonjskom nastavnom programu) do izbora u zvanje vanrednoga profesora:

- 1) *BA laboratorijskih tehnologija Merima Boloban:*“Srčani markeri (TnI, CK-MB i LDH) pri pacijentima sa ACS (akutni koronarni sindrom)“, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 02.10.2014.
- 2) *BA laboratorijskih tehnologija Ognjen Jelić:*“Evaluacija tumorskih markera CA 15-3 i CEA kod pacijentica sa tumorom dojke“, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 02.10.2014.
- 3) *BA laboratorijskih tehnologija Nikolina Biletić:*“Serumska koncentracija CEA i CA 19-9 kod pacijenata sa kolorektalnim karcinomom“, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 02.10.2014.
- 4) *BA laboratorijskih tehnologija Lejla Skopljak:* „Serumska koncentracija TPSA, FPSA i omjera FPSA/TPSA kod pacijenata sa karcinomom prostate i benignom hiperplazijom prostate“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 26.06.2015.
- 5) *BA laboratorijskih tehnologija Lejla Čano:* „Uticaj primjene proteinskih suplemenata na vrijednosti jetrenih enzima (ALT,AST,GGT,LDH) kod sportista“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 26.06.2015.
- 6) *BA laboratorijskih tehnologija Elma Balta:* „ Lipidni status i HbA1c kod novootkrivenih pacijenata sa tipom Dijabetesa 1“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu , završni rad odbranjen 02.10.2015.

Mentorstvo u master radovima nakon izbora u zvanje vanrednog profesora:

- 1) *BA laboratorijskih tehnologija Azra Salkić:* „Mokraćna kiselina i lipidni status kod pacijenata sa dijabetesom tipa 2“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 21.06.2016.

- 2) *BA biohemije i fiziologije Aldijana Dautbašić* „Serumska koncentracija TSH, FT3 i FT4 pri laboratorijskoj dijagnostici hipertireodizma“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 20.09.2016.
- 3) *BA laboratorijskih tehnologija Merhunisa Hajdarović*: „Praćenje pre-analitičkih grešaka u biohemijskom laboratoriju JU KB dr. Safet Mujić Mostar uz pomoć laboratorijskog informacionog sistema“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 20.09.2016.
- 4) *BA laboratorijskih tehnologija Amra Zuka*: „Hematološki status pacijenata sa hroničnom bubrežnom insufijencijom“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 07.07.2017.
- 5) *BA laboratorijskih tehnologija Amina Muminović*: „Serumska koncentracija bilirubina pri funkcionalnoj neonatalnoj hiperbilirubinemiji“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 07.07.2017
- 6) *BA laboratorijskih tehnologija Selvedina Duškan*: „Serumska koncentracija ukupnih proteina, albumina i globulina pri pacijentima sa hroničnom bubrežnom insuficijencijom“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 26.09.2017.
- 7) *BA laboratorijskih tehnologija Jelena Glibić*: „Analiza preanalitičkih grešaka u Zavodu za laboratorijsku dijagnostiku Sveučilišne kliničke bolnice Mostar“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 11.10.2018.
- 8) *BA laboratorijskih tehnologija Marija Martinović*: „Analiza serumske koncentracije TSH, T3, T4, Anti Tg i Anti TPO pri laboratorijskoj dijagnostici hipotireodizma“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 12.07.2018.

Mentorstvo u master radovima (završni rad II ciklusa po Bolonjskom nastavnom programu) nakon izbora u redovnog profesora:

- 1) *BA inženjer hemijskih tehnologija Azra Džaltur* :“Parametri bijele krvne loze kod pušača“, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 10.06.2022.
- 2) *BA laboratorijskih tehnologija Adisa Ramić*:“Značaj određivanja HbA1c, glukoze i lipidnog statusa u procjeni samokontrole dijabetesa“, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 30.09.2022.
- 3) *BA laboratorijskih tehnologija Lejla Škripić*:“ Lipidni status i kardiovaskularni rizik kod pacijenata sa dijabetes mellitusom tipa 2 “, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 23.01.2023.

- 4) *BA laboratorijskih tehnologija Kemal Nalović:*“ Serumska aktivnost enzima AST, ALT, LDH i GGT kod pacijenata sa COVID-19“, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 19.01.2023.
- 5) *BA laboratorijskih tehnologija Adriana Pavlović:*“ Serumska koncentracija anti-mullerovog hormona i korelacija sa bazalnim koncentracijama FSH i LH i omjerom LH/FSH, Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 18.05.2023.
- 6) *BA laboratorijskih tehnologija Alma Alihodžić,* "ODREĐIVANJE KONCENTRACIJE HLORIDA, GLUKOZE, PROTEINA I BROJA ČELIJA (LEUKOCITA I ERITROCITA) U LIKVORU PRI MENINGITISU" Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 19.09.2023.
- 7) *BA laboratorijskih tehnologija Samira Hadžić,* "CIRKARDIJALNI RITAM ADRENALNIH GLUKOKORTIKOIDA (ACTH I KORTIZOLA) PRI CUSHINGOVOM SINDROMU" Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 28.09.2023.
- 8) *BA laboratorijskih tehnologija Adelisa Turčalo,* "Značaj određivanja koncentracije vitamina D kod infekcije uzrokovane koronavirusom“ " Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 30.01.2024.
- 9) *BA laboratorijskih tehnologija Merima Špica,* "Uticaj konzumacije duhana na vrijednosti željeza i parametara crvene krvne loze“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 13.10.2024.
- 10) *BA laboratorijskih tehnologija Naida Junuzović,* "Značaj određivanja laboratorijskih parametara krvi u procjeni rizika za nastanak demencije“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 13.10.2024.
- 11) *BA laboratorijskih tehnologija Dalila Gogić,* " Serumska koncentracija prostata specifičnog antigena u dijagnostici karcinoma prostate“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 18.12.2024.
- 12) *BA laboratorijskih tehnologija Adisa Imširović,* „Vrijednosti hormonalnih parametara u pripremljenoj fazi vanjske oplodnje“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 30.09.2025.
- 13) *BA laboratorijskih tehnologija Samija Hrnjić,* „ Funkcionalni poremećaji štitne žlezde na području općine Hadžići“ Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, završni rad odbranjen 30.09.2025.

Mentorstvo u doktorskim radovima (završni rad III ciklusa po Bolonjskom nastavnom programu)-zavšen doktorski rad:

- 1) *Mr.sc. dr.med. Nermina Klapuh-Bukvić spec.med.biohemije:* „Praćenje biomarkera inflamacije kod pacijenata sa hroničnom bubrežnom slabošću“. Fakultet zdravstvenih studija u Sarajevu, Univerzitet u Sarajevu, doktorat (doktorski rad) odbranjen 18.07.2023.

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Mentorstvo na specijalizaciji iz medicinske biohemije i laboratorijske medicine

- 1) *mr.sci. Indira Mujezin mr.ph.,* specijalistički ispit odbranjen 13.09.2024., KCUS Institut za kliničku biohemiju sa laboratorijskom medicinom.
- 2) *Denisa Sokolović mr.ph.,* specijalistički ispit odbranjen 05.02.2024., KCUS Institut za kliničku biohemiju sa laboratorijskom medicinom.
- 3) *Aida Dapčević mr.ph.,* specijalistički ispit odbranjen 26.02.2026., KCUS Institut za kliničku biohemiju sa laboratorijskom medicinom.

Sarajevo, 02.04.2026.

Prof.dr.sc.ph. Nafija Serdarević