**NAME AND SURNAME: Naida Omerović Ćorović**

**Work experience**

* 19.03.2024 –

*Author of professional articles*

MyPharmaSpace

* 23.02.2022 –

*Senior Teaching and Research Assistant*

Department of Pharmacology and Clinical Pharmacy, University of Sarajevo – Faculty of Pharmacy, Sarajevo

* 16.02.2022 –

*President*

Trade Union of the Faculty of Pharmacy at the Trade Union of the University of Sarajevo, Sarajevo

* 19.12.2018 – 23.02.2022.

*Teaching and Research Assistant*

Department of Pharmacology and Clinical Pharmacy, University of Sarajevo – Faculty of Pharmacy, Sarajevo

* 2018 – 2019.

*Intern*

Pharmacy "Lupriv apoteke", Sarajevo

**Education**

* 2018 – 2025.

*Doctor of Pharmaceutical Sciences*

University of Sarajevo – Faculty of Pharmacy, Sarajevo

Average grade: 10.00

Doctoral dissertation: *Evaluation of the effectiveness of coronavirus disease (COVID-19) therapeutic protocols using inflammatory and coagulation markers, blood gas analyses and chest radiographs*, Department of Pharmacology and Clinical Pharmacy, University of Sarajevo – Faculty of Pharmacy, Sarajevo, mentor: Prof. Dr. Selma Škrbo and co-mentor: Prof. Dr. Tamer Bego

* 2013 – 2018.

*Master of Pharmacy*

University of Sarajevo – Faculty of Pharmacy, Sarajevo

Average grade: 9.50

Winner of the special recognition of the University of Sarajevo "Zlatna značka Univerziteta u Sarajevu" as the best student

Final thesis: *Application of nanoparticles in ocular drug delivery systems – formulation aspects*, Department of Pharmaceutical Technology, University of Sarajevo – Faculty of Pharmacy, Sarajevo, mentor: Prof. Dr. Edina Vranić

* 2009 – 2013.

Third gymnasium, Sarajevo

* 2003 – 2009.

Second elementary school, Sarajevo

* 2001 – 2003.

"Osman Nakaš" elementary school, Sarajevo

* 2020.

TRAIN (Training and Research for Academic Newcomers) program – University of Sarajevo

* 2020.

International School of Medical Research and Writing – Center for Medical Education "Medical Upgrade"

* 2018 – 2019.

Internship for Masters of Pharmacy – Federal Ministry of Health

**Scientific and educational work**

Integrated study (I and II cycle, BA+MA), University of Sarajevo – Faculty of Pharmacy, Sarajevo

* Courses:
  + Obligatory courses:

*Clinical pharmacy*

*Pharmacokinetics*

* + Elective courses:

*Selected chapters in clinical pharmacy – Optimisation of therapy in clinical practice*

*Selected chapters in pharmacokinetics – Biopharmaceutical drug characterisation*

**Other activities at the faculty**

* Administrator of the faculty website and social networks
* Administrator of IQPharm website and social networks
* Active participant in the organisation and implementation of the symposium "Non-animal approaches in biomedical education"
* Active participant in the organisation and implementation of the symposium "Vaccination has no alternative"
* Active participant in the organisation and implementation of the Introductory symposium *"Advancing pharmacy through education in Bosnia and Herzegovina"* of the Erasmus+ project for improving quality in higher education *"Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina"* (IQPharm)
* Active participant in the organisation and implementation of the Final symposium *"IQPharm education innovations for better healthcare in Bosnia and Herzegovina"* of the Erasmus+ project for improving quality in higher education *"Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina"* (IQPharm)
* Member of the Central Board of the Trade Union of the University of Sarajevo since 2022
* Member of the Commission for scoring candidates for enrollment in the first year of integrated study (I and II cycle, BA+MA)
* Member of the Commission for reviewing the minutes of the Doctoral Study Council and collecting the necessary documentation
* Member of the Commission for conducting surveys "Evaluation of the Work of Teaching Staff"
* Member of the Commission for the implementation of disciplinary procedures
* Member of the Commission for the implementation of public procurement procedures
* Member of the Trade Union of the Faculty of Pharmacy since 2019
* Member of the team of internal auditors
* Member of the promotion team
* Member of the Council of the Faculty of Pharmacy
* Moderator of the session "Bio-Micro/Nano Technologies II" at *the 4th International Conference on Medical and Biological Engineering CMBEBiH 2021*
* Authorized person to work in the Register of public advertisements in the public sector employment procedure in the territory of the Sarajevo Canton
* President of the Scientific Committee and member of the Organising Committee of the international competition *Pharmaceutical and Medical Knowledge Showdown 2019*, Sarajevo
* President of the Trade Union of the Faculty of Pharmacy since 2022
* Head of JUAS Experimental Pharmacy of the University of Sarajevo – Faculty of Pharmacy
* Secretary of the Commission for passing the specialist exam for Masters of Pharmacy in Clinical Pharmacy
* Secretary of the Commission for passing the specialist exam for Masters of Pharmacy in Pharmaceutical Technology

**Recognitions and awards**

* 2024.

Early-Career Scientist Award – PETA Germany

* 2022.

Award of the University of Sarajevo based on the results of scientific/artistic work for 2021

* 2018.

Special recognition of the University of Sarajevo "Zlatna značka Univerziteta u Sarajevu"

* 2018.

First place at the international competition "Pharmaceutical and Medical Knowledge Showdown" organised by the International Association of Croatian Medical Students and the Split Pharmacy Students' Organisation

* 2013.

Special recognition of the Ministry of Education, Science and Youth of the Sarajevo Canton for exceptional results throughout secondary education

**Congresses, conferences, seminars, workshops, trainings**

* 2024.

*Workshop "Unlock the potential of secondary resources through circular business models – the example of coffee grounds and high-value cosmetic products"*, Faculty of Agriculture and Food Science, University of Sarajevo

*Teaching Europe Conference*, EU Peace

*Symposium "Non-animal approaches in biomedical education"*, Organisation for Animal Rights and the Environment EVA and Faculty of Pharmacy, University of Sarajevo

*Symposium "Vaccination has no alternative"*, Faculty of Pharmacy, University of Sarajevo

*Introduction to Project Management*, DMBIUBIH and ACCE

*Summer school "Telemedical Care Pharmacy and AI Integration in Advancing Digital Health"*, DAAD, HTWG Konstanz, Verlab Institute, Faculty of Pharmacy, University of Sarajevo, Pontus Pharma

*Workshop "Bioinformatics"*, IANUBIH, DMBIUBIH and Verlab Institute

*World IP Day 2024*, Faculty of Pharmacy, University of Sarajevo

*TurnitIn Expert Training*, University of Sarajevo

* 2023.

*Final symposium "IQPharm education innovations for better healthcare in Bosnia and Herzegovina" of the Erasmus+ project for improving quality in higher education "Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina" (IQPharm)*, Faculty of Pharmacy, University of Sarajevo

*Conference "AI: Should we be afraid?"*, Faculty of Pharmacy, University of Sarajevo

*5th Congress of Pharmacists in Bosnia and Herzegovina with international participation*, Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina, Pharmaceutical Chamber of Republika Srpska and Pharmaceutical Society of Republika Srpska

*5th International Conference on Medical and Biological Engineering CMBEBiH 2023*, Society for Medical and Biological Engineering in Bosnia and Herzegovina

*DigiEdu workshop "Training of trainers: achieving interactivity in teaching"*, University of Sarajevo

*Panel discussion "Regulation of animal biotechnology: enabling innovation"*, One Health BH

*TRAIN BiH webinar "Strengthening research capacities at public universities in BiH"*, University of Sarajevo

*International Conference of Biochemists and Molecular Biologists in Bosnia and Herzegovina – ABMBBIH*, Association of Biochemists and Molecular Biologists in Bosnia and Herzegovina

*IQPharm Open Days*, Faculty of Pharmacy, University of Sarajevo

*INFODANI-MSCA PROJECTS/HORIZON EUROPE*, Faculty of Pharmacy, University of Sarajevo

* 2022.

*Panel discussion "Wild boar trichinellosis, "From trauma to fork", Obligations and responsibilities"*, One Health BH

*Forum "Diabetes from the point of view of nutrition"*, Association for Applied Nutrition in Bosnia and Herzegovina

*Webinar "The structures of SARS-CoV-2 proteins"*, FEBS Open Bio

*Symposium "Medical cannabis – evidence and controversies"*, Faculty of Pharmacy, University of Sarajevo

*Training for working on an atomic absorption spectrophotometer,* IQPharm Erasmus+

*Roundtable "Rabies – one health to zero mortality"*, One Health BH

*OSCE pilot implementation, WP 2.4. OSCE development IQPharm*, Faculty of Pharmacy, University of Sarajevo

*ESHG Pharmacogenetics Course Portorož*, Faculty of Medicine, University of Ljubljana and the European Society for Human Genetics

*KREF pilot implementation, WP 2.3. KREF development IQPharm*, Faculty of Medicine, University of Banja Luka

*Training for working on the mixer/homogenizer Silverson L5M-A*, APICAL d.o.o

*Roundtable "Laboratory animals – how to conduct valid biomedical research"*, One Health BH

*Training for working on dissolution tester ERWEKA DT 126 Light*, APICAL d.o.o

*Webinar "Pediatric drug product development – key industry challenges and opportunities"*, Quotient Sciences

*Webinar "UNGAP workshop on dynamic in vitro digestion models"*, INFOGEST

*Webinar "Engineering the aging microbiome"*, UCL

*Webinar "Development of a toolbox for mimicking gastrointestinal (GI) conditions in children"*, University of Greifswald

*Webinar "Researchers in Horizon Europe: Opportunities for the Young and Profile of the Successful"*, RMA Network

*Webinar "Drug administration via enteral feeding tubes – how does it affect the dose delivered?"*, University of Greifswald

*Webinar "Machine learning predicts the effect of food on orally administered medicines & Effect of intestinal fluid on solubilisation and permeability of poorly soluble drugs"*, UCL and Uppsala University

*Webinar "Surface modifications of SEDDS investigating the use of alternative surfactants to overcome PEG-associated limitations in lipid-based drug delivery systems"*,University of Innsbruck

* 2021.

*Training for teaching staff for OSCE – OSCE training workshop, WP 2.4. OSCE development IQPharm*, Faculty of Medicine, University of Split

*Webinar "Individual Well-being in Education and Science: Health, Safety, Happiness and Prosperity in Higher Education"*, University of Sarajevo

*Introductory symposium "Advancing pharmacy through education in Bosnia and Herzegovina" of the Erasmus+ project for improving quality in higher education "Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina" (IQPharm)*, Faculty of Pharmacy, University of Sarajevo

*UNGAP COST action CA16205: In vitro tools for evaluating the intraluminal and absorption behavior of advanced drug formulations*, University of Southern Denmark

*Workshop "Optimisation and usage of 3D technologies in medicine and health care science – learning on experience"*, Faculty of Medicine, University of Zenica

*Symposium "Pharmacogenomics and Personalized Medicine"*, Association of Biochemists and Molecular Biologists in Bosnia and Herzegovina

*Webinar "Developing a patient-centric formulation supported by a multi-in vitro-tool approach"*, UCB Pharma and ProDigest

*4th International Conference on Medical and Biological Engineering CMBEBiH 2021*, Society for Medical and Biological Engineering in Bosnia and Herzegovina

*Workshop "Next-generation sequencing (NGS)"*, Human Genetics Laboratory, Institute for Genetic Engineering and Biotechnology (INGEB), University of Sarajevo

*Webinar "Innovations in Pharma"*, UBIQ Webinars

*Workshop "3D printing in pharmacy"*, Fablab and Faculty of Pharmacy, University of Sarajevo

* 2020.

*Workshop "1st HumanSmall Bowel Motility"*, University of Nottingham and Nottingham Digestive Disorders Centre

*UNGAP COST action CA16205: PBPK and POPPK analysis – tools for understanding absorption variability*, Faculty of Pharmacy, University of Belgrade

*TRAIN (Training and Research for Academic Newcomers) program*, University of Sarajevo

*International School of Medical Research and Writing*, Center for Medical Education "Medical Upgrade"

*Training of public procurement officers*, Public Procurement Agency of Bosnia and Herzegovina

* 2019.

*Pharmaceutical and Medical Knowledge Showdown*,Sarajevo, Faculty of Pharmacy, University of Sarajevo

*4th Student Congress with international participation "Food–Nutrition–Health"*, University of Sarajevo

*4th Congress of Pharmacists in Bosnia and Herzegovina with international participation*, Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina and Pharmaceutical Society of Republika Srpska

*Montenegrin International Medical Summit*, Faculty of Medicine, University of Podgorica

*14th Congress of Pharmacologists of Serbia / 4th Congress of Clinical Pharmacology of Serbia with international participation*, Serbian Pharmacological Society

*Symposium "Chronic Kidney Disease"*, Association of Biochemists and Molecular Biologists in Bosnia and Herzegovina

* 2018.

*11th Symposium of Masters of Pharmacy "Diabetes – News and Challenges in Prevention and Treatment"*, Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina

**Networks and memberships**

* 2023 –

Alumni Association of the University of Sarajevo – Faculty of Pharmacy

* 2022 –

Association "One Health BH"

* 2019 –

Association of Biochemists and Molecular Biologists in Bosnia and Herzegovina

**Projects**

* 2024.

*Combating drug resistance: design and synthesis of novel diaryldenacetone derivatives and their pharmacological and toxicological profiling*

* 2023.

*Research center for designing new drugs*

* 2022.

*Virtual laboratories in pharmacists’ education*

*Development and optimisation of criteria for reducing the frequency of prescribing potentially inappropriate medications in geriatric patients with type 2 diabetes mellitus*

* 2021.

*Analysis of potential biomarkers in early diagnosis, monitoring of status and outcome of COVID-19 patients*

* 2021 – 2024.

*Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina (IQPharm)*

* 2020.

*Quality assurance and modernisation of the teaching and scientific process at the Faculty of Pharmacy, University of Sarajevo*

**Selected publications**

* Ćorović, H., Salkica, N., **Omerović Ćorović, N.**, Cerić, Š., Agić-Bilalagić, S., Skopljak-Beganović, A., Tinjak, E. (2025). Impact of age and body mass index on dual-energy X-ray absorptiometry scan results in postmenopausal women. *Medicinski glasnik*, 22(1), xxx–xxx.

https://doi.org/10.17392/1870-22-01

* **Omerović Ćorović, N.** (2024). *In silico* evaluation of pharmacokinetic properties during drug development. Poster presentation. In: *Non-animal approaches in biomedical education* *– book of abstracts. Sarajevo, 14.-15. November, 2024.* Sarajevo: Organisation for Animal Rights and the Environment EVA and the Faculty of Pharmacy, University of Sarajevo, Book of abstracts p. 24.
* Hadžifejzović Trnka, A., **Omerović Ćorović, N.**, Lagumdžija, D., Žiga Smajić, N., Jejna, A., Škrbo, S. (2023). Assessment of the frequency of prescribing potentially inappropriate medications in the geriatric population with type 2 diabetes mellitus using the Comprehensive Croatian Protocol. Oral presentation. In: *5th Congress of Pharmacists in Bosnia and Herzegovina with international participation – book of abstracts. Sarajevo, 09.-12. November, 2023.* Sarajevo: Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina, Pharmaceutical Chamber of Republic of Srpska and Pharmaceutical Society of Republic of Srpska, Book of abstracts p. 67–68.
* Lagumdžija, D., Žiga Smajić, N., Kelle Pehlivanović, B., **Omerović Ćorović, N.**, Hadžifejzović Trnka, A., Škrbo, S., Bečić, F. (2023). Impact of side effects of oral antidiabetics on adherence in patients with type 2 diabetes. Poster presentation. In: *5th Congress of Pharmacists in Bosnia and Herzegovina with international participation – book of abstracts. Sarajevo, 09.-12. November, 2023.* Sarajevo: Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina, Pharmaceutical Chamber of Republic of Srpska and Pharmaceutical Society of Republic of Srpska, Book of abstracts p. 73–74.
* **Omerović, N.**, Bego, T., Prnjavorac, B., Žiga Smajić, N., Bečić, F., Ćorović, H., Škrbo, S. (2023). Evaluation of the Effectiveness of Coronavirus Disease (COVID-19) Therapeutic Protocols Using Inflammatory Markers. *Acta Informatica Medica*, 31(4), 244–248.

https://doi.org/10.5455/aim.2023.31.244-248

* **Omerović, N.**, Bego, T., Prnjavorac, B., Žiga Smajić, N., Bečić, F., Ćorović, H., Škrbo, S. (2023). The Use of Coagulation Markers to Evaluate the Effectiveness of Coronavirus Disease (COVID-19) Therapeutic Protocols. *Materia Socio Medica*, 35(4), 270–274.

https://doi.org/10.5455/msm.2023.35.270-274

* **Omerović, N.**, Hadžifejzović Trnka, A., Žiga Smajić, N., Škrbo, S. (2023). Potentially inappropriate medications in geriatric patients with type 2 diabetes mellitus – practical software solution for healthcare professionals. In: Badnjević, A., Gurbeta Pokvić, L. (eds). CMBEBIH 2023. IFMBE Proceedings, vol 93. Springer, Cham, 755–763.

https://doi.org/ [10.1007/978-3-031-49062-0\_79](http://dx.doi.org/10.1007/978-3-031-49062-0_79)

* Piljak, V., Škrbo, S., **Omerović, N.**, Hadžifejzović Trnka, A., Lagumdžija, D., Žiga Smajić, N. (2023). Assessment of medication use among adolescents in Sarajevo Canton. *Materia Socio Medica*, 35(3), 178–183.

https://doi.org/10.5455/msm.2023.35.178-183

* Meseldžić, N., Malenica, M., Dujić, T., Glamočlija, U., Marjanović, D., Prnjavorac, B., Prnjavorac, L., Bedak, O., **Omerović, N.**, Imamović Kadrić, S., Bego, T. (2023). Influence of the ACE2 gene polymorphism (rs2285666) on complete blood count. Oral presentation. In: *International Conference of Biochemists and Molecular Biologists in Bosnia and Herzegovina – ABMBBIH – book of abstracts. Sarajevo, 18.-20. May, 2023.* Sarajevo: Association of Biochemists and Molecular Biologists in Bosnia and Herzegovina, Book of abstracts p. 74.
* **Omerović, N.**, Bego, T., Prnjavorac, B., Žiga Smajić, N., Bečić, F., Ćorović, H., Prnjavorac, L., Bedak, O., Meseldžić, N., Škrbo, S. (2023). Evaluation of the effectiveness of coronavirus disease (COVID-19) therapeutic protocols using coagulation markers. Poster presentation. In: *International Conference of Biochemists and Molecular Biologists in Bosnia and Herzegovina – ABMBBIH – book of abstracts. Sarajevo, 18.-20. May, 2023.* Sarajevo: Association of Biochemists and Molecular Biologists in Bosnia and Herzegovina, Book of abstracts p. 112.
* Janković, S.M., Mehović, S., Begić, E., **Omerović, N.**, Atanasković, A., Vojinović, R., Jovanović, M. (2023). Acute toxicity threshold of normobaric oxygen therapy: systematic review. *Galenika Medical Journal*, 2(5), 7–13.

https://doi.org/10.5937/Galmed2305007J

* Piljak, V., Žiga Smajić, N., Škrbo, S., **Omerović, N.**, Lagumdžija, D. (2022). Adolescent Drug Misuse in the Canton of Sarajevo. *Macedonian Pharmaceutical Bulletin*, 68(1), 347–348.

https://doi.org/10.33320/maced.pharm.bull.2022.68.03.167

* Piljak, V., Žiga Smajić, N., Škrbo, S., **Omerović, N.**, Lagumdžija, D. (2022). Adolescent Drug Misuse in the Canton of Sarajevo. Poster presentation. In: *7th Congress of Pharmacy with international participation – book of abstracts. Ohrid, 05.-09. October, 2022.* Skopje: Macedonian Pharmaceutical Society and Faculty of Pharmacy, Ss. Cyril and Methodius, University of Skopje
* **Omerović, N.** (2022). Drug-gene interactions of EMA-authorised and potential COVID-19 treatments: current data. Poster presentation. In: *ESHG Pharmacogenetics Course – book of abstracts. Portorož, 22.-24. September, 2022*. Ljubljana: Pharmacogenetics Laboratory, Institute of Biochemistry and Molecular Genetics, Faculty of Medicine, University of Ljubljana, Book of abstracts p. 56.
* **Omerović, N.**, Vranić, E., Hadžiabdić, J., Rahić, O. (2021). Evaluation of Targeted Nanoparticles for Ocular Delivery. In: Çapan, Y., Sahin, A., Tonbul, H. Drug Delivery with Targeted Nanoparticles. First edition. New York: Jenny Stanford Publishing, 36.

https://doi.org/10.1201/9781003164739-18

* **Omerović, N.**, Vranić, E. (2021). Supercritical Fluids as a State-of-the-Art Formulation Method of Nanoparticles for Ocular Drug Delivery. *Global Journal of Medical Research: (B) Pharma, Drug Discovery, Toxicology & Medicine*, 21(3), 9–20.

https://doi.org/10.34257/GJMRBVOL21IS3PG9

* Škrbo, S., Mehović, S., **Omerović, N.**, Hadžifejzović Trnka, A., Žiga Smajić, N., Pehlivanović, B., Lagumdžija, D. (2021). Role of a Pharmacist in the Safe Self-medication – A Questionnaire-based Survey. *Journal of Pharmaceutical Research International*, 33(41B), 280–294.

https://doi.org/10.9734/jpri/2021/v33i41B32367

* Pehlivanović, B., Čaklovica, K., Šapčanin, A., Lagumdžija, D., **Omerović, N.**, Žiga Smajić, N., Škrbo, S., Bečić, F. (2021). Potentially new synergistic combination of curcumin and rosuvastatin: an *in vitro* study. In: Badnjević, A., Gurbeta Pokvić, L. (eds). CMBEBIH 2021. IFMBE Proceedings, vol 84. Springer, Cham, 433–440.

https://doi.org/10.1007/978-3-030-73909-6\_49

* Hamidović, A., Hasković, E., Muhić, S., Planinić, M., **Omerović, N.**, Škrbo, S. (2021). Application of *in silico* methods in pharmacokinetic studies during drug development. In: Badnjević, A., Gurbeta Pokvić, L. (eds). CMBEBIH 2021. IFMBE Proceedings, vol 84. Springer, Cham, 499–510.

https://doi.org/10.1007/978-3-030-73909-6\_58

* Bukva, M., Pulo, E., **Omerović, N.**, Škrbo, S. (2021). Gastric parietal cell regeneration by nano-scaffolding in hypochlorhydria and achlorhydria treatment. In: Badnjević, A., Gurbeta Pokvić, L. (eds). CMBEBIH 2021. IFMBE Proceedings, vol 84. Springer, Cham, 679–689.

https://doi.org/10.1007/978-3-030-73909-6\_78

* **Omerović, N.**, Škrbo, S., Vranić, E. (2021). Tolerance assays performed in animal models during the evaluation of nanoparticles for ocular drug delivery. In: Badnjević, A., Gurbeta Pokvić, L. (eds). CMBEBIH 2021. IFMBE Proceedings, vol 84. Springer, Cham, 703–717.

https://doi.org/10.1007/978-3-030-73909-6\_80

* Rahić, O., Tucak, A., **Omerović, N.**, Sirbubalo, M., Hindija, L., Hadžiabdić, J., Vranić, E. (2021). Neuartige Wirkstoffabgabesysteme für die Glaukomtherapie: Hürden und Lösungsansätze für die Formulierung. *Kompass Ophthalmologie*, 7(2), 47–69.

https://doi.org/10.1159/000516684

* Rahić, O., Tucak, A., **Omerović, N.**, Sirbubalo, M., Hindija, L., Hadžiabdić, J., Vranić, E. (2021). Novel Drug Delivery Systems Fighting Glaucoma: Formulation Obstacles and Solutions. *Pharmaceutics*, 13(1), 28.

https://doi.org/10.3390/pharmaceutics13010028

* Pehlivanović, B., Čaklovica, K., Lagumdžija, D., **Omerović, N.**, Žiga Smajić, N., Škrbo, S., Bečić, F. (2021). Curcumin: Natural Antimicrobial and Anti-Inflammatory Agent. *Journal of Pharmaceutical Research International*, 32(43), 1–8.

https://doi.org/10.9734/jpri/2020/v32i4331060

* Žiga Smajić, N., Škrbo, S., **Omerović, N.**, Durić, K., Dedić, M., Hadžifejzović Trnka, A., Pehlivanović, B., Lagumdžija, D., Bečić, F. (2020). Specifics of Treatment of Hyperuricemia with Febuxostat and Its Effects on Concentrations of Total, LDL and HDL Cholesterol, Compared to the Conventional Treatment with Allopurinol. *Journal of Pharmaceutical Research International*, 32(35), 44–54.

https://doi.org/10.9734/jpri/2020/v32i3530978

* Žiga Smajić, N., Škrbo, S., Muratović, S., Pehlivanović, B., Lagumdžija, D., **Omerović, N.** (2020). Comparison of the effects of allopurinol and febuxostat on the values of triglycerides in hyperuricemic patients. *Medical Archives*, 74(3), 172–176.

<https://doi.org/10.5455/medarh.2020.74.172-176>

* **Omerović, N.**, Vranić, E. (2020). Application of nanoparticles in ocular drug delivery systems. *Health and Technology*,10(1), 61–78.

<https://doi.org/10.1007/s12553-019-00381-w>

* **Omerović, N.**, Škrbo, S., Pehlivanović, B., Lagumdžija, D., Žiga Smajić, N., Bečić, F. (2019). Comparison of the effectiveness of the 'dietary approaches to stop hypertension' diet and the Mediterranean diet as non-pharmacological measures in the treatment of hypertension. Oral presentation. In: *4th Student Congress with international participation "Food–Nutrition–Health" – book of abstracts. Sarajevo, 20.-22. November, 2019.* Sarajevo: Faculty of Agriculture and Food Science, University of Sarajevo, Book of abstracts p. 161.
* **Omerović, N.**, Škrbo, S. (2019). Comparison of clinical medication review service models in primary health care in the United States and Australia. Oral presentation. In: *4th Congress of Pharmacists in Bosnia and Herzegovina with international participation – book of abstracts. Sarajevo, 10.-13. October, 2019.* Sarajevo: Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina and Pharmaceutical Society of Republika Srpska, Book of abstracts p. 168.
* **Omerović, N.**, Škrbo, S. (2019). Use of octreotide in the treatment of refractory diarrhoea caused by chemotherapy or acquired immunodeficiency syndrome. Poster presentation. In: *4th Congress of Pharmacists in Bosnia and Herzegovina with international participation – book of abstracts. Sarajevo, 10.-13. October, 2019.* Sarajevo: Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina and Pharmaceutical Society of Republic of Srpska, Book of abstracts p. 178.
* **Omerović, N.**, Škrbo, S. (2019). Nasal administration of glucagon in the treatment of severe hypoglycaemia.Poster presentation. In: *4th Congress of Pharmacists in Bosnia and Herzegovina with international participation – book of abstracts. Sarajevo, 10.-13. October, 2019.* Sarajevo: Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina and Pharmaceutical Society of Republic of Srpska, Book of abstracts p. 180.
* Škrbo, S., **Omerović, N.**, Nikšić, A.(2019).Drug-induced cardiotoxicity. Poster presentation.In: *4th Congress of Pharmacists in Bosnia and Herzegovina with international participation – book of abstracts. Sarajevo, 10.-13. October, 2019.* Sarajevo: Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina and Pharmaceutical Society of Republic of Srpska, Book of abstracts p. 186.
* **Omerović, N.**, Smajović, A., Škrbo, S. (2019). Health technology assessment: approach in the treatment of diabetes mellitus. Poster presentation. In: *1st Montenegrin International Medical Summit – book of abstracts. Podgorica, 03.-06. October, 2019.* Podgorica: Faculty of Medicine, University of Podgorica, Book of abstracts p. 69.
* **Omerović, N.**, Kujundžić, E., Škrbo, S. (2019). Drug resistance as a cause of treatment failure. Poster presentation. In: *1st Montenegrin International Medical Summit – book of abstracts. Podgorica, 03.-06. October, 2019.* Podgorica: Faculty of Medicine, University of Podgorica, Book of abstracts p. 70.
* **Omerović, N.**, Škrbo, S. (2019). Biological treatment of rheumatoid arthritis. Oral presentation. In: *14th Congress of Pharmacologists of Serbia / 4th Congress of Clinical Pharmacology of Serbia with international participation – book of abstracts*. *Novi Sad, 18.-21. September, 2019.* Novi Sad: Serbian Pharmacological Society, Book of abstracts p. 198.
* **Omerović, N.**, Škrbo, S. (2019). Immunomodulatory effects of beta-glucans. Oral presentation. In: *14th Congress of Pharmacologists of Serbia / 4th Congress of Clinical Pharmacology of Serbia with international participation – book of abstracts*. *Novi Sad, 18.-21. September, 2019.* Novi Sad: Serbian Pharmacological Society, Book of abstracts p. 167.
* **Omerović, N.**, Škrbo, S. (2019). Influence of age on changes in the pharmacokinetics of theophylline. Oral presentation. In: *14th Congress of Pharmacologists of Serbia / 4th Congress of Clinical Pharmacology of Serbia with international participation – book of abstracts*. *Novi Sad, 18.-21. September, 2019.* Novi Sad: Serbian Pharmacological Society, Book of abstracts p. 139.
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