



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **ALIJA UZUNOVIC**  
Address(es) 43, Porijecani, 71300, Visoko, Bosnia and Herzegovina  
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E-mail a.uzunovic@almbih.gov.ba / alijauzunovic@gmail.com  
Nationality Bosnian  
Date of birth 24/06/1975 (dd/mm/yyyy)  
Gender Male

### Work experience

Dates 2010 →  
Occupation or position held Head of Control Laboratory (OMCL of Bosnia and Herzegovina)  
Main activities and responsibilities

- Key leading role within the official control laboratory
- Administrative, expert and developmental tasks in the fields of medicinal products for human use
- Tasks related to the release of the national annex to the European Pharmacopoeia
- Member of the Committee of Experts on OMCL Falsified Medicines WG (2018→)
- Technical Auditor in the Mutual Joint Audits and Visits (MJAs/MJVs) programme of the OMCL Network (2017→)
- Member in delegation of Bosnia and Herzegovina in the European Pharmacopoeia Commission (2016→)
- An alternate member in delegation of Bosnia and Herzegovina in the European Pharmacopoeia Commission and Group of Experts P4 (2012-2016)
- Member of the Committee of Experts on Cosmetic Products (P-SC-COS) (2014-2018)

Name and address of employer Agency for Medicinal Products and Medical Devices of Bosnia and Herzegovina, Control Laboratory 9, Titova, 71 000, Sarajevo, Bosnia and Herzegovina  
Type of business or sector Control Laboratory (OMCL of Bosnia and Herzegovina)

Dates 2018 →  
Occupation or position held Associate professor  
Main activities and responsibilities Teaching courses: Drug Analysis and Control I, Drug Analysis and Control II  
Name and address of employer Faculty of Pharmacy, University of Tuzla, 8, Univerzitetska, 75101, Tuzla, Bosnia and Herzegovina  
Type of business or sector Higher education

Dates 2012 - 2017  
Occupation or position held Assistant professor  
Main activities and responsibilities Teaching courses: Drug Analysis and Control I, Drug Analysis and Control II  
Name and address of employer Faculty of Pharmacy, University of Tuzla, 8, Univerzitetska, 75101, Tuzla, Bosnia and Herzegovina  
Type of business or sector Higher education

Dates 2008 - 2010  
 Occupation or position held Head of Laboratory for Physico-Chemical and Instrumental Research  
 Main activities and responsibilities - Leading and managing the laboratory department built up of different teams and be responsible for their performance and on-time delivery of agreed results of the department  
 - Collaboration in the European network of the official medicines control laboratories  
 Name and address of employer Institute for Quality Control of Medicines of Federation of Bosnia and Herzegovina  
 9, Titova, 71000, Sarajevo, Bosnia and Herzegovina  
 Type of business or sector Laboratory for quality control of medicines (Bosnian OMCL)

Dates 2002 - 2008  
 Occupation or position held Research assistant  
 Main activities and responsibilities - Conduct qualitative and quantitative physico-chemical analyses of drugs  
 - Assessment of renewal and new applications for Marketing authorizations of human medicines at National level  
 - Writing and revision of the quality system documentation in laboratory (Quality Manual, SOP, Instructions)  
 Name and address of employer Institute for Quality Control of Medicines of Federation of Bosnia and Herzegovina  
 9, Titova, 71000, Sarajevo, Bosnia and Herzegovina  
 Type of business or sector Laboratory for quality control of medicines (Bosnian OMCL)

Dates 2000 - 2002  
 Occupation or position held Teaching assistant, Department of Clinical Biochemistry I and II  
 Main activities and responsibilities Preparing and conducting students' practical classes at Department of Clinical Biochemistry I and II, University of Sarajevo  
 Name and address of employer Faculty of Pharmacy, University of Sarajevo, Bosnia and Herzegovina  
 90, Cekalusa, 71000, Sarajevo, Bosnia and Herzegovina

## Education and training

Dates 2019  
 Title of qualification awarded Internal Auditor for Quality Management Systems (ISO 9001:2015)  
 Name and type of organisation providing education and training TÜV Thüringen, Germany  
 Dates 2019  
 Title of qualification awarded External auditor MJA/MJV Scheme  
 "ISO 17025:2017 Training and Workshop for auditors of the MJA/ MJV Scheme of the OMCL Network"  
 Name and type of organisation providing education and training European Directorate for the Quality of Medicines and Healthcare EDQM, Strasbourg, France

Dates 2014  
 Title of qualification awarded External auditor MJA/MJV Scheme  
 "Training course for auditors of the MJA/ MJV Scheme of the OMCL Network"  
 Name and type of organisation providing education and training European Directorate for the Quality of Medicines and Healthcare EDQM, Strasbourg, France

Dates 2007 - 2012  
 Title of qualification awarded Doctor of Philosophy in Pharmacy (PhD in Pharm.)  
 Name and type of organisation providing education and training Faculty of Pharmacy, University of Sarajevo, Bosnia and Herzegovina

Dates 2002 - 2007  
 Title of qualification awarded Master of science in Pharmacy (M.Sc. (Pharm.))  
 Name and type of organisation providing education and training Faculty of Pharmacy, University of Sarajevo, Bosnia and Herzegovina

Dates	2002 - 2006																														
Title of qualification awarded	Specialist in quality control of medicines																														
Name and type of organisation providing education and training	Federal Ministry of Health, Federation of Bosnia and Herzegovina, Institute for Quality Control of Medicines of Federation of Bosnia and Herzegovina																														
Dates	1994 - 1999																														
Title of qualification awarded	Bachelor of Pharmacy																														
Name and type of organisation providing education and training	Faculty of Pharmacy, University of Sarajevo, Bosnia and Herzegovina																														
<b>Personal skills and competences</b>																															
Mother tongue(s)	<b>Bosnian</b>																														
Other language(s)																															
Self-assessment																															
<i>European level (*)</i>																															
<b>English</b>																															
	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>C2</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C2	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	C2	Proficient user
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	(*) <a href="#">Common European Framework of Reference for Languages</a>																														
Social skills and competences	<ul style="list-style-type: none"> <li>- Team spirit</li> <li>- Good communication skills gained through my experience as assistant director for drugs control</li> </ul>																														
Organisational skills and competences	<ul style="list-style-type: none"> <li>- Leadership (currently responsible for a team of 40 people)</li> </ul>																														
Technical skills and competences	<ul style="list-style-type: none"> <li>- Good command of quality control processes (implementation of standard ISO 17025 and guidelines of OMCL Network in Laboratory), as well as assessment of documentation required for the Marketing authorisation procedure (New – Renewal)</li> <li>- Trained to operate with analytical technique: HPLC, UV-VIS, dissolution test and to validate analytical methods</li> </ul>																														
Computer skills and competences	Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™) and Adobe™ tools (Acrobat Professional™, Photoshop™)																														
Driving licence	Category B																														
<b>Additional information</b>	<p>BOOKS:</p> <ol style="list-style-type: none"> <li>1. Pilipović S., Pilipović B., Ibišević M., Loga Zec S., <b>Uzunović A.</b> (2024) Farmakokinetika i biofarmacija (ISBN 978-9926-29-040-5; COBISS.BH-ID 59124742)</li> <li>2. Ibišević M., Pilipović S., Pilipović B., Loga-Zec S., Karić E., <b>Uzunović A.</b> (2024) Izrada farmaceutskih preparata u apoteci (ISBN 978-9926-29-038-2; COBISS.BH-ID 58596358)</li> <li>3. <b>Uzunović A.</b>, Boric A. et al. (2022) Farmakopeja Bosne i Hercegovine: nacionalni dodatak Evropskoj/ Evropskoj farmakopeji. Banja Luka, Agencija za lijekove i medicinska sredstva Bosne i Hercegovine (ISBN 978-99976-169-0-6; COBISS.BH-ID 137328897)</li> <li>4. Pilipović S., Pilipović B., <b>Uzunović A.</b> (2017) Odabrana poglavlja farmakokinetike i biofarmacije. Tuzla, Off-set (ISBN 978-9958-31-331-8; COBISS.BH-ID 24720646)</li> </ol> <p><b>Additional information</b> PUBLICATIONS:</p> <ul style="list-style-type: none"> <li>- Web of Science™: <a href="https://www.webofscience.com/wos/author/rid/R-1912-2019">https://www.webofscience.com/wos/author/rid/R-1912-2019</a> (Publications: 49, Total times cited: 120, H-index 7, Accessed: 22.04.2025.)</li> <li>- Google Scholar: <a href="https://scholar.google.com/citations?user=zwclvzwAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=zwclvzwAAAAJ&amp;hl=en</a> (Total times cited: 447, H-index 10, i10-index 10, Accessed: 22.04.2025.)</li> </ul>																														

1. Slijivc Husejinovic M., **Uzunovic A.**, Babic S., Kovac S., Suljic A., Ibisevic M., Dzambic A., Smajlagic A., Cilovic Kozarevic E., Karic E. (2025). Comparative analysis of titrimetric methods for quantifying ASA in aspirin tablets. *Int. Res. J. Pure Appl. Chem.*, 26(3): 37-45.
2. Slijivc Husejinovic M., **Uzunovic A.**, Husanovic M., Mlivo E. (2024). Monte Carlo Simulation in Health Risk Assessment of Sulfur Dioxide Exposure – A Pivotal Factor for Future Air Quality Regulation. In: Karabegovic, I., Kovačević, A., Mandzuka, S. (eds) *New Technologies, Development and Application VII. NT 2024. Lecture Notes in Networks and Systems*, vol 1070. Springer, Cham. pp 537–548.
3. Sapcanin, A., Pehlic, E., Jancan G., **Uzunovic A.** (2024). Chemical Characterization and Potential Health Benefits of Wild Mushrooms from Eastern Bosnia. In: Karabegovic, I., Kovačević, A., Mandzuka, S. (eds) *New Technologies, Development and Application VII. NT 2024. Lecture Notes in Networks and Systems*, vol 1070. Springer, Cham. pp. 510–518.
4. **Uzunovic A.**, Mlivo E., Dacic M., Pilipovic S., Supuk M., Cancar H. (2024). *In Vitro* Aerodynamic Comparison of Protective Masks. In: Badnjević, A., Gurbeta Pokvić, L. (eds) *MEDICON'23 and CMBEBIH'23. MEDICON CMBEBIH 2023. IFMBE Proceedings*, vol 93. Springer, Cham. pp. 452–462.
5. Mlivo E., **Uzunovic A.**, Basic-Halilovic A., Dacic M., Pilipovic S., Duric K. (2024). Determination of Capsaicin and Dihydrocapsaicin Content by HPLC Method in Products Purchased Online. In: Badnjević, A., Gurbeta Pokvić, L. (eds) *MEDICON'23 and CMBEBIH'23. MEDICON CMBEBIH 2023. IFMBE Proceedings*, vol 93. Springer, Cham. pp. 478–487.
6. Dacic M., **Uzunovic A.**, Alagic-Dzambic L., Pilipovic S. (2024). HPLC-UV Determination and Comparison of Extracted Corticosteroids Content with Two Methods. In: Badnjević, A., Gurbeta Pokvić, L. (eds) *MEDICON'23 and CMBEBIH'23. MEDICON CMBEBIH 2023. IFMBE Proceedings*, vol 93. Springer, Cham. pp. 412–424.
7. Mlivo E., Dacic M., **Uzunovic A.** (2024). Characterization of the Chemical Substance Niacinamide. In: Badnjević, A., Gurbeta Pokvić, L. (eds) *MEDICON'23 and CMBEBIH'23. MEDICON CMBEBIH 2023. IFMBE Proceedings*, vol 93. Springer, Cham. pp. 443–451.
8. **Uzunovic A.**, Dacic M., Pilipovic S., Alagic-Dzambic L., Duric K., Dzudzevic-Cancar H. (2021) *In Vitro* Evaluation of Three Brands of Salicylic Acid Plasters from Bosnian Markets. In: Badnjevic, A., Gurbeta Pokvić, L. (eds) *CMBEBIH 2021. CMBEBIH 2021. IFMBE Proceedings*, vol 84. Springer, Cham. pp 541–546.
9. Dacic M., **Uzunovic A.**, Pilipovic S., Alagic-Dzambic L., Duric K. (2021) RP-HPLC Determination of Lipophilicity in Series of Corticosteroids. In: Badnjevic, A., Gurbeta Pokvić, L. (eds) *CMBEBIH 2021. CMBEBIH 2021. IFMBE Proceedings*, vol 84. Springer, Cham. pp 535–540.
10. Duric K., Kovcic Hadziabdic S., Duric M., Niksic H., **Uzunovic A.**, Dzudzevic Cancar H. (2021) Efficacy and safety of three plant extracts based formulations of vagitories in the treatment of vaginitis. *Med Glas*, 18(1):47-54.
11. Tahirovic I., Radic M., Klepo L., Karic L, Dzudzevic-Cancar H., Ajanovic A., **Uzunovic A.** (2019) Determination of  $\alpha$ -solanine content in two varieties of potatoes by the densitometric method. *OPORPH 2019: Book of Abstracts*. pp 37
12. **Uzunovic A.**, Dacic M., Ademovic Z., Osmancevic S., Pilipovic S., Sapcanin A. (2019) *In Vitro* Evaluation of Transdermal Patches Containing Capsaicin Marketed in Bosnia and Herzegovina. In: Badnjevic, A., Škrbić, R., Gurbeta Pokvić, L. (eds) *CMBEBIH 2019. CMBEBIH 2019. IFMBE Proceedings*, vol 73. Springer, Cham. pp 559–562.
13. Dacic M., **Uzunovic A.**, Kunic A., Pilipovic S., Sapcanin A. (2019) UV-VIS Determination of Acetylsalicylic Acid in Aspirin Tablets Using Different Solvents and Conditions. In: Badnjevic, A., Škrbić, R., Gurbeta Pokvić, L. (eds) *CMBEBIH 2019. CMBEBIH 2019. IFMBE Proceedings*, vol 73. Springer, Cham. pp 563–567.
14. Etminan A., **Uzunovic A.**, Topcagic A., Zero S., Dizdar M., Klepo L., Culum D., Dzudzevic Cancar H., Tahirovic I. (2019) Quantification of Active Substances in Some Drugs Using by Derivative UV/Vis spectroscopy. In: Badnjevic, A., Škrbić, R., Gurbeta Pokvić, L. (eds) *CMBEBIH 2019. CMBEBIH 2019. IFMBE Proceedings*, vol 73. Springer, Cham. pp 553–557.
15. Salihovic M., Sapcanin A., Pehlic E., **Uzunovic A.**, Spirtovic-Halilovic S., Huremovic M. (2019) Determination of Amino Acids and Antioxidative Potential of Selected Mushrooms from Bosnia and Herzegovina. *Kem. Ind.* 68 (3-4): 97-103.
16. Pilipovic B., Pilipovic S., **Uzunovic A.** (2018) Carvedilol ointment stability. *Acta Pharm Hung.*, 88: 119-120.
17. Elezovic A., Cvijic S. Elezovic A., Pilipovic S., **Uzunovic A.**, Parojcic J. (2018) Contribution to development of discriminative dissolution method for inhalation preparations. *Acta Pharm Hung.*, 88: 134-135.
18. Etminan A., **Uzunovic A.**, Topcagic A., Zero S., Dizdar M., Klepo L., Čulum D., Tahirović I. (2018) Utilisation of Derivative UV/Vis Spectrophotometry in Determination of Active Pharmaceutical Ingredient Content in Some Drugs. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina. Special Issue: 24.*

19. Sapcanin A., Salihovic M., **Uzunovic A.**, Osmanovic A., Spirtovic-Halilovic S., Pehlic E., Jancan G. (2017) Antioxidant activity of fruits and vegetables commonly used in everyday diet in Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*. 49: 15-18.
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21. **Uzunovic A.**, Pilipovic S., Sapcanin A., Ademovic Z. (2017): Evaluation of transdermal drug-delivery system of capsaicin. *Planta Medica International Open* 4(S 01) S1-S202.
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23. Pilipovic B., Pilipovic S., Pasic-Kulenovic M., **Uzunovic A.** (2017) Atenolol ointment stability. *Acta Pharm Hung.*, 87: 200.
24. Ibragic S., Sofic E., Tahirovic I., **Uzunovic A.**, Kresic D., Kalcher K. (2017) Utilisation of a simple and fast HPLC-UV method for separation and quantification of Ephedrine alkaloids in herb of different Ephedra species. *Res. Rev.: J. Pharm. Toxicol. Stud.*, 5(2): 7-10.
25. Tubic B., **Uzunovic A.**, Pilipovic S., Gagic Z. (2016) Dissolution Profile of Nimesulide from Pharmaceutical Preparations for Oral Use. *Acta Chim Slov.*, 63(1): 193-9.
26. Tahirovic I., Bojadzic S., Dizdar M., Dzudzevic-Cancar H., Toromanovic J., **Uzunovic A.**, Ajanovic A., Mahmutovic O. (2016) DPPH Free Radical Scavenging Ability of Some Bee Honey Samples from Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*. Special Issue: 110.
27. Tahirovic I., Lepara L., Dizdar M., Toromanovic J., Dzudzevic-Cancar H., Mahmutovic O., **Uzunovic A.**, Ajanovic A. (2016) Studies on the Antioxidant Activity of Bee Honey Samples from Bosnia and Herzegovina by Phosphomolybdenum Assay. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*. Special Issue: 111.
28. Elezovic A., Pilipovic S., Elezovic A., **Uzunovic A.** (2015) Development and comparison of two HPLC methods, chiral and achiral, for determination of carvedilol content in tablets. *Pharmacia* 18(1): 30-35.
29. Ajanovic A., Sofic E., Tahirovic I., Sapcanin A., **Uzunovic A.**, Krehic J., Gojak R., Dizdar M. (2015) Changes in lecithin concentrations in human blood with aging. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*. 44: 59-64.
30. Hadzidedic S., **Uzunovic A.**, Sehic Jazic S., Kocova El-Arini S. (2014) The impact of chirality on the development of robust and stable tablet formulation of (S-) amlodipine besylate. *Pharm. Dev. Technol.*, 19(8): 930-941.
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32. Pilipovic S., **Uzunovic A.**, Elezovic A. (2014): Market surveillance of four brands of glimepiride tablets 3 mg collected from Bosnia and Herzegovina markets. *Eur. J. Pharm. Sci.* 50: Suppl. 1: E216-E217.
33. Pilipovic S., Pilipovic B., **Uzunovic A.**, Elezovic A., Boric A., Ademovic Z. (2014): HPLC fingerprint of *Potentilla reptans* L. (Rosaceae). *Planta Medica*, 80: 1529.
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35. **Uzunovic A.**, Pilipovic S., Elezovic A., Sapcanin A., Rahic O. (2013): Evaluation of dissolution properties of silymarin capsules at different pH values. *Planta Medica*, 79: 1234-1235.
36. Pilipovic S., **Uzunovic A.**, Elezovic A. (2013): Chromatographic examination of *Aremonia agrimonoides* (L.) DC (Rosaceae). *Planta Medica*, 79: 1234.
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38. Sapcanin A., **Uzunovic A.**, Jancan G., Pehlic E. (2013): Determination of caffeine, theophylline and theobromine content in energy drinks from Bosnian markets. *Balkan Journal of Health Science*, 1(1): 35-38.
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41. **Uzunovic A.**, Hadzidedic S., Elezovic A., Pilipovic S., Sapcanin A. (2011): Evaluation of dissolution profiles of alpha lipoic acid soft gelatin capsules and tablets. *Planta Medica*, 77: 1365-1366.
42. Elezovic A., Elezovic A., **Uzunovic A.**, Pilipovic S., Hadzidedic S. (2011): Pharmacoeconomic evaluation of peppermint tea-bag products using graph theory. *Planta Medica*, 77: 1371-1371.
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45. Pilipovic S., Sober M., Marijanovic A., **Uzunovic A.**, Hadzidedic S. (2010): Content of total phenolics and antioxidant capacity of plant species *Potentilla Recta L.*, Rosaceae. *Pharmacogn. Mag.* 6(22): Suppl. 1: S58.
46. **Uzunovic A.**, Sapcanin A., Hadzidedic S., Elezovic A., Sofic E. (2010): Testing of dissolution properties of ivy (*hedera helix L.*) tablets at different pH values. *Pharmacogn. Mag.* 6(22): Suppl. 1: S143.
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60. **Uzunovic A.**, Vranic E., Muratovic S., Hincal A.A. (2009): RP-HPLC determination of lipophilicity in series of coumarin derivatives. *Eur. J. Pharm. Sci.* 38: Suppl. 1: S201-S203.
61. **Uzunovic A.**, Vranic E., Sapcanin A., Tahirovic I., Toromanovic J., Duric K., Sofic E. (2009): Evaluation of dissolution rates of physical mixtures of rutin with  $\beta$ -cyclodextrin. *Planta Medica*, 75: 956-956.
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