**NAME AND SURNAME:** Jasmina Hadžiabdić

**Work experience:**

* 2019. Associate Professor

Department of Pharmaceutical Technology , Faculty of Pharmacy, University of Sarajevo

* 2014. Assistant Professor

Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Sarajevo

* 2008. Senior research and teaching assistant

Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Sarajevo

* 1996. Teaching and Research Assistant

Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Sarajevo

* 1994. Master of pharmacy

Pharmacy of General hospital „Prim.dr Abdulah Nakaš” Sarajevo

**Education:**

* 2014. Long life learning program “Pedagogical education and enforcement of competencies of academic staff at the University of Sarajevo (TRAIN program)“ organized by University of Sarajevo, Bosnia and Herzegovina
* 2013. Long life learning program “Pedagogical education of teachers“ organized by Faculty of Philosophy, University of Sarajevo, Bosnia and Herzegovina
* 2013. PhD in pharmaceutical sciences

Doctoral thesis(PhD thesis): Preparation and *in vitro* testing of diazepam complexes with β-cyclodextrin derivatives

University of Sarajevo, Faculty of Pharmacy

* 2007. MSc in pharmaceutical sciences

Master thesis: Comparative study of applied methods for improving the solubility of slightly soluble 1,4-benzodiazepins in water

University of Sarajevo, Faculty of Pharmacy

* 2000. Spec.

Specialist exam in Pharmaceutical Technology

Federal ministry of health Federation of Bosnia and Hercegovina, Bosnia and Hercegovina

* 1995. Passed state professional exam for master of pharmacy

Federal ministry of health Federation of Bosnia and Hercegovina, Bosnia and Hercegovina

* 1994. MPharm

University of Sarajevo, Faculty of Pharmacy

**Study abroad:**

* 2000. Faculty of Pharmacy, University of Ljubljana, Slovenia
* 1997. Faculty of Natural Sciences, Department of Pharmacy, University of Vienna, Austria

**Academic/teaching work:**

Integrated study of 1st and 2nd cycle at Faculty of Pharmacy, University of Sarajevo

* *Subjects*: Drug Formulation I

Drug Formulation II

Selected Topics in Drug Formulation - Cosmetology

Selected Topics in Drug Formulation - Certification standards in

pharmacies

Doctoral study at Faculty of Pharmacy, University of Sarajevo

* *Subjects*: Drug Research, Design and Development;

Selected Topics in Physical Pharmacy;

Selected Topics in Cosmetology;

Preformulation Studies and Pharmaceutical Forms Development;

Novel Pharmaceutical Forms;

**Specializations**

* 2013. - today: Mentor and commentator of specialist thesis in pharmaceutical technology

**Projects:**

Improvement of the solubility and biological activity of 3-cinnamoyl-4-hydroxycoumarin derivatives by inclusion complexation with hydrophilic derivatives of β-cyclodextrin (Federal ministry of education and science, 2017) – project manager

Significanc of determination of the parameters of oxidative stress, inflammation and hemostasis in early diagnosis of obesity in the pediatric population (Federal Ministry of Education and Science, 2017) – project co-worker

**Selected publications (up to 10):**

Vranić E., **Hadžiabdić J.,** Elezović A., Rahić O. „Farmaceutska tehnologija – problemski zadaci i rješenja – I“, Faculty of Pharmacy University of Sarajevo, 2018 (University edition), CIP – Cataloguing in publication, National and University Library of Bosnia and Herzegovina, ISBN 978-9958-595-07-3

Vranić E., **Hadžiabdić J.**, Elezović A., Rahić O. „Farmaceutska tehnologija – problemski zadaci i rješenja – II“, Faculty of Pharmacy University of Sarajevo, 2018 (University edition), CIP – Cataloguing in publication, National and University Library of Bosnia and Herzegovina, ISBN 978-9958-595-08-0

[**Hadžiabdić J**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Had%C5%BEiabdi%C4%87%20J%5BAuthor%5D&cauthor=true&cauthor_uid=28724165)**.**, [Kopjar N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kopjar%20N%5BAuthor%5D&cauthor=true&cauthor_uid=28724165)., [Želježić D](https://www.ncbi.nlm.nih.gov/pubmed/?term=%C5%BDelje%C5%BEi%C4%87%20D%5BAuthor%5D&cauthor=true&cauthor_uid=28724165)., [Špirtović-Halilović S](https://www.ncbi.nlm.nih.gov/pubmed/?term=%C5%A0pirtovi%C4%87-Halilovi%C4%87%20S%5BAuthor%5D&cauthor=true&cauthor_uid=28724165)., [Završnik D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Zavr%C5%A1nik%20D%5BAuthor%5D&cauthor=true&cauthor_uid=28724165).: “Cytogenotoxicity of inclusion complexes of diazepam with 2-hydroxypropyl-β-cyclodextrin”. [Drug Research](https://www.ncbi.nlm.nih.gov/pubmed/28724165), 2017; 67(11): 661-672.

**Hadžiabdić J**., Orman Dž., Elezović A., Vranić E., Rahić O.: „Preparation of nanoemulsions by high-energy and low-energy emulsification metods“. International Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina, CMBEBIH 2017. IFMBE Proceedings 2017: 62; 317-322.

Vranić E., Rahić O., **Hadžiabdić J**., Elezović A., Bošković D. “Opportunities and challenges for utilization of nanoparticles as bioactive drug carriers for the targeted treatment of cancer“, Folia Medica, 2015; 50(1): 34-39.

**Hadžiabdić J**., Elezović A., Rahić O., Mujezin I., Vranić E.: “Stability of suspensions: theoretical and practical considerations before compounding“, International Journal of Pharmaceutical Compounding, 2015; 19(1): 78-85

**Hadžiabdić J.**, Elezović A., Rahić O., Vranić E.: “Kinetics and mechanism of diazepam release from solid dispersions“, Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 2014; 43: 21-28

**Hadžiabdić J**., Elezović A., Hadžović S., Vehabović M. “The solubility - intrinsic dissolution rate of diazepam and inclusion complexes diazepam with 2-hydroxypropyl-β-cyclodextrin“, International Journal of Science, Technology and Society, 2013; 1(1): 24-35.

**Hadžiabdić J**., Elezović A., Rahić O., Mujezin I. “Effect of cyclodextrin complexation on the aqueous solubility of diazepam and nitrazepam: phase-solubility analysis, thermodynamic properties“, Amer. J. Anal. Chem. 2012; 3(12): 811-819.

**Hadžiabdić J.**, Elezović A., Imamović B., Bečić E. “The improvement of lorazepam solubility by cosolvency, micellization and complexation“, Jordan J. Pharm. Sci. 2012; 5(2): 141-154.

Fočo A., **Hadžiabdić J.**, Bečić F. “Transdermal drug delivery systemes“, Med. Arhiv 2004; 58(4): 230-234.