

## **DRAGANA VASILJEVIĆ**

### **Employment Information:**

- 2015 - Associate Professor at Department of Pharmaceutical Technology and Cosmetology, University of Belgrade - Faculty of Pharmacy, Serbia
- 2010-2015 - Assistant Professor at Department of Pharmaceutical Technology and Cosmetology, University of Belgrade - Faculty of Pharmacy, Serbia
- 1993-2010 - Teaching Assistant at Department of Pharmaceutical Technology and Cosmetology, University of Belgrade - Faculty of Pharmacy, Serbia
- 1989-1993 - Research Assistant at Department of Pharmaceutical Technology and Cosmetology, University of Belgrade - Faculty of Pharmacy, Serbia
- 1986-1989 – Teaching Associates at Department of Pharmaceutical Technology and Cosmetology, University of Belgrade- Faculty of Pharmacy, Serbia

### **Education:**

- 2009 - PhD Pharm. defended PhD thesis entitled: *“Multiple water-in-oil-water emulsions as potential carriers for prolonged release of topical drugs”* (University of Belgrade - Faculty of Pharmacy, Serbia)
- 1992 - MSc Pharm. defended MSc thesis entitled: *“Formulation and investigation of W/O/W multiple emulsions for application in dermatopharmacy”* (University of Belgrade - Faculty of Pharmacy, Serbia)
- 1986 – BSc Pharm. - graduated at the University of Belgrade - Faculty of Pharmacy, Serbia

### **Training:**

- Education Developing an appropriate relationship with students and the rules of business communication (University of Belgrade - Faculty of Pharmacy, December, 2019)
- Course Tests of knowledge in measuring educational outcomes (University of Belgrade - Faculty of Pharmacy, April, 2016)
- Professional conference "1st South East Europe Quality in Pharmacy Summit" (University of Belgrade - Faculty of Pharmacy, October, 2015)
- Course Development of academic competencies of university teachers (University of Belgrade, 2013)

### **Academic awards and distinctions:**

- ICN Galenika Award for Master's Thesis

### **Teaching activities:**

- Integrated academic studies in Pharmacy (Pharmaceutical Technology 1, Pharmaceutical Technology 2, Cosmetology, Veterinary drugs, Medical devices)
- Doctoral academic studies (program accredited in 2020)
- Specialist academic studies: study program Cosmetology (program accredited in 2020)
- Specialist academic studies: study program Release of Medicinal Products on the Market (Veterinary drugs, Medical devices and medical gases)
- Specialization of health workers and health associates: Pharmaceutical technology
- Mentor 1 doctoral dissertation, 26 final theses on integrated academic studies, 16 final theses on specialist academic studies.
- Participation in the commissions for the defense of doctoral dissertations, final theses on specialist academic studies and final theses on integrated academic studies.
- Integrated academic studies in Pharmacy at the Faculty of Medicine in Banja Luka (Republika Srpska) (Pharmaceutical Technology 1, Pharmaceutical Technology 2, Cosmetology)

#### **Textbooks:**

- Vasiljević D, Cvijić S, Aleksić I, Milovanović M. Veterinarski lekovi. Beograd: Univerzitet u Beogradu – Farmaceutski fakultet, 2021. (ISBN: 978-86-6273-076-8)
- Krajišnik D, Đekić Lj, Cvijić S, Vasiljević D. Priručnik za praktičnu nastavu iz Farmaceutske tehnologije 2. Beograd: Univerzitet u Beogradu – Farmaceutski fakultet, 2020. (ISBN 978-86-6273-072-5)
- Vasiljević D, Đekić Lj, Krajišnik D, Pantelić I. Priručnik za praktičnu nastavu iz Farmaceutske tehnologije 1. Beograd: Univerzitet u Beogradu – Farmaceutski fakultet, 2019. (ISBN 978-86-6273-060-2)
- Krajišnik D, Đekić Lj, Cvijić S, Vasiljević D. Praktikum iz Farmaceutske tehnologije 2. Beograd: Univerzitet u Beogradu – Farmaceutski fakultet, 2016. (ISBN 978-86-6273-030-5)
- Vasiljević D, Krajišnik D, Grbić S, Đekić Lj. Praktikum iz Farmaceutske tehnologije I, izmenjeno i dopunjeno izdanje. Beograd: Univerzitet u Beogradu - Farmaceutski fakultet, 2015. (ISBN 978-86-6273-022-0)
- Krajišnik D, Grbić S, Đuriš J, Đekić Lj, Vasiljević D, Kovačević A, Čalija B. Farmaceutska tehnologija II - praktikum, dopunjeno i izmenjeno izdanje. Beograd: Univerzitet u Beogradu - Farmaceutski fakultet, 2013. (ISBN 978-86-6273-013-8)
- Vasiljević D, Krajišnik D, Grbić S, Đekić Lj, Farmaceutska tehnologija I – praktikum, izmenjeno i dopunjeno izdanje. Beograd, Univerzitet u Beogradu - Farmaceutski fakultet, 2012 (ISBN 978-86-80263-90-8)
- Krajišnik D, Grbić S, Petrović J, Đekić Lj, Vasiljević D, Kovačević A, Čalija B. Praktikum Farmaceutska tehnologija II. Beograd, Univerzitet u Beogradu - Farmaceutski fakultet, 2010. (ISBN 978-86-80263-75-5)

- Vasiljević D, Krajišnik D, Grbić S, Đekić Lj. Farmaceutska tehnologija I - praktikum. Beograd, Univerzitet u Beogradu - Farmaceutski fakultet, 2009. (ISBN 978-86-80263-64-9)
- Vasiljević D, Savić S, Đorđević Lj, Krajišnik D. Priručnik iz Kozmetologije. Beograd, Nauka, 2007 (prvo izdanje); 2009 (drugo izdanje). (ISBN: 978-86-7621-146-3)
- Vasiljević D, Savić S, Đorđević Lj, Krajišnik D. Priručnik iz Kozmetologije. Beograd, Nauka, 2007 (prvo izdanje); 2009 (drugo izdanje). (ISBN: 978-86-7621-146-3)

#### **Activities within the Faculty:**

- Head of Department for Pharmaceutical Technology and Cosmetology (2019 - present)
- Member of the Commission for Postgraduate Teaching - Specialist Studies (2019 - present)
- Vic Dean for Teaching (2012-2015)
- President of the Commission for the implementation of student enrollment in the first year of Integrated Academic Studies at the University of Belgrade - Faculty of Pharmacy (2016)
- Member of the Commission for the implementation of student professional training in the study program Pharmacy (2017-2021)
- Member of the Commission for the evaluation of student research papers

#### **Activities within wider Academic Community:**

- Membership in the Association of Pharmaceutical Associations of Serbia (SFUS)
- Member of the Commission for Recognition of Foreign Higher Education Documents for the Purpose of Further Education, University of Belgrade (2019 – present)
- Member of the Commission for Standards and Related Documents - Medical Devices, Institute for Standardization of Republic of Serbia (2018 – present)
- Expert in the field of Pharmaceutical Technology, appointed by ALIMIS and the Ministry of Health of the Republic of Serbia (2013 – present)
- Member of the editorial board of the journal Archives of Pharmacy (2018 – present)
- Lecturer at continuing education courses and professional seminars
- Reviewer in journals of category M20 (International Journal of Pharmaceutics, International Journal of Nanomedicine, Pharmaceutics, International Journal of Cosmetic Science, Acta Pharmaceutica) and M50 (Arhiv za farmaciju, Acta Periodica Technologica).

#### **Projects:**

### ***National Projects***

- 2011-2019. National Project of the Ministry of Education, Science and Technological Development of the Republic of Serbia "Development of products and technologies that provide the desired release of medicinal substances from solid pharmaceutical forms" (project no: TR 34007)
- 2011-2019. National Project of the Ministry of Education, Science and Technological Development of the Republic of Serbia "Development of new encapsulation and enzyme technologies for the production of biocatalysts and biologically active food components in order to increase its competitiveness, quality and safety" (project no: III 46010)
- 2008-2010. National Project of the Ministry of Science and Technological Development of the Republic of Serbia „Development and characterization of colloidal drug carriers for anti-inflammatory drugs” (project no: 19058)
- 1996-2000. National Project of the Ministry of Science and Technological Development of the Republic of Serbia “Biopharmaceutical and chemical-technological investigation of drugs and medicinal plants”
- 1991-1995. National Project of the Ministry of Science and Technological Development of the Republic of Serbia “Pharmaceutical-technological and biopharmaceutical evaluation of topical dosage forms”

### ***International Projects***

- 2010-2013. Tempus project PQPharm (Postgraduate Qualification in Pharmacy: The Way forward), funded by the EU
- 2013-2015. Project LIAT-Ph (Linking Industry and Academia in Teaching Pharmaceutical Development and Manufacture), the program Lifelong Learning, funded by the EU
- 2015-2018. Erasmus+ project ReFEEHS (Reinforcement of the Framework for Experiential Education in Healthcare in Serbia), funded by the EU

### **Publications:**

- Turković E, Vasiljević I, Drašković M, Obradović N, *Vasiljević D*, Parojčić J. An Investigation into Mechanical Properties and Printability of Potential Substrates for Inkjet Printing of Orodispersible Films. *Pharmaceutics* 2021, 13, 468. doi: 10.3390/pharmaceutics13040468
- Krkobabić M, Medarević D, Pešić N, *Vasiljević D*, Ivković B, Ibrić S. Digital Light Processing (DLP) 3D Printing of Atomoxetine Hydrochloride Tablets Using Photoreactive Suspensions. *Pharmaceutics* 2020, 12, 833. doi:10.3390/pharmaceutics12090833
- Krstić M, Manić L, Martić N, *Vasiljević D*, Đogo Mračević S, Vukmirović S, Rašković A. Binary polymeric amorphous carvedilol solid dispersions: In vitro and in vivo characterization. *Eur J Pharm Sci.* 2020; 150, 105343. doi: 10.1016/j.ejps.2020.105343
- Drašković M, Turković E, Vasiljević I, Trifković K, Cvijić S, *Vasiljević D*, Parojčić J. Comprehensive evaluation of formulation factors affecting critical

- quality attributes of casted orally disintegrating films. *J Drug Deliv Sci Tec.* 2020; 56:101614. doi: 10.1016/j.jddst.2020.101614
- Osmanović Omerdić E, Alagić-Džambić L, Krstić M, Pašić-Kulenović M, Odović J, *Vasiljević D.* In Vitro Dissolution Study of Acetylsalicylic Acid and Clopidogrel Bisulfate Solid Dispersions: Validation of the RP-HPLC Method for Simultaneous Analysis. *Appl Sci.* 2020, 10, 4792. doi:10.3390/app10144792
  - Četković Z, Cvijić S, *Vasiljević D.* Formulation and characterization of novel lipid-based drug delivery systems containing polymethacrylate polymers as solid carriers for sustained release of simvastatin. *J Drug Deliv Sci Tec.* 2019; 53: 101222. doi: 10.1016/j.jddst.2019.101222
  - Četković Z, Cvijić S, *Vasiljević D.* In vitro/in silico approach in the development of simvastatin-loaded self-microemulsifying drug delivery systems. *Drug Dev Ind Pharm.* 2018; 44 (5):849-860. doi: 10.1080/03639045.2017.1414835
  - *Vasiljević D,* Djuris J, Jakimenko S, Ibric S. Application of the fractional factorial design in multiple W/O/W emulsions. *J Disp Sci Technol.* 2017; 38 (12):1732-1737. doi: 10.1080/01932691.2016.1278551
  - Djuris J, *Vasiljević D,* Jokic S, Ibric S. Application of D-optimal experimental design method to optimize the formulation of O/W cosmetic emulsions. *Int J Cosmetic Sci.* 2014; 36(1):79-87. doi: 10.1111/ics.12099.
  - *Vasiljević D,* Parojcic J, Primorac M, Vuleta G. An investigation into the characteristics and drug release properties of multiple W/O/W emulsion systems containing low concentration of lipophilic polymeric emulsifier. *Int J Pharm.* 2006; 309: 171-177. doi: 10.1016/j.ijpharm.2005.11.034.