**NAME AND SURNAME: EDINA VRANIĆ**

**Work experience:**

* 2019 Full professor

Department of Pharmaceutical Technology

* 2013-2019 Associate Professor

Department of Pharmaceutical Technology

* 2007/2008-2013 Assistant Professor

Department of Pharmaceutical Technology

* 2002-2007 Senior Teaching and Research Assistant

Department of Pharmaceutical Technology

* 1994-2002 Teaching and Research Assistant

Department of Pharmaceutical Technology

**Education:**

* *2006 PhD (Doctor of Pharmaceutical Sciences)*

Doctoral dissertation*: “Application of inverse gas chromatography and flow –injection analysis in the preformulation studies“*

*The University of Sarajevo, Faculty of Pharmacy*

* *2001 M.Sc. (Master of Pharmaceutical Sciences)*

*Master thesis: “Determination of physicochemical properties of different clindamycin phosphate samples“*

*The University of Sarajevo, Faculty of Pharmacy*

* 1999 Specialisation (Specialisat in Pharmaceutical Technology)

Specialisation in Pharmaceutical Technology completed

*Specialist thesis: “The effect of dissolution medium acidity varying on the release properties of diazepam from tablets“*

*The University of Sarajevo, Faculty of Pharmacy/ Federal Ministry of Health*

* *1993 M.Pharm. (Master of Pharmacy)*

*University studies completed, University of Sarajevo, Faculty of Pharmacy*

**Study abroad/ study visits**

* 2019 Institute of Chemical Technology and Engineering, Poznan University of Technology (PUT), Poznan, Poland (ERASMUS +)
* 2017 Institute for Pharmaceutical Technology and Biopharmacy, University of Bonn, Bonn, Germany (DAAD)
* 2017 Institute for Pharmaceutical Technology and Biopharmacy, Heinrich Heine University Düsseldorf, Düsseldorf, Germany
* 2017 Institute for Pharmaceutical Technology and Biopharmacy, University of Graz, Graz, Austria
* 2015 Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia (ERASMUS MUNDUS/BASILEUS IV)
* 2014 Institute of Chemistry, University of Silesia, Katowice, Poland
* 2007 Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia
* 2003 Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia
* 2002 Faculty of Chemical Sciences and Faculty of Pharmacy, University of Valencia, Valencia, Spain
* 1999 Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia
* 1997 Institute for Pharmaceutical Technology and Biopharmacy, University of Vienna, Vienna, Austria (OeAD)

**Academic/teaching work:**

*Integrated studies of the first (I) and second (II) cycle at the 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 PHARMACY, INDUSTRIAL PHARMACY I, INDUSTRIAL PHARMACY II, SELECTED TOPICS IN INDUSTRIAL PHARMACY – STABILITY OF DRUGS

*III (third) cycle/doctoral studies at the Faculty of Pharmacy, University of Sarajevo*

* *Subjects*: PREFORMULATION STUDIES AND DEVELOPMENT OF PHARMACEUTICAL FORMS, NOVEL PHARMACEUTICAL FORMS, SELECTED TOPICS IN PHYSICAL PHARMACY, SELECTED TOPICS IN COSMETOLOGY

*Specialisations*

* Supervisor and co-supervisor in the area of specialisation in Pharmaceutical Technology.

**Other academic positions and involvements:**

* 2017-2020 President of the Committee for the Quality Assurance at the Faculty of Pharmacy, University of Sarajevo
* 2013-2017; 2017-2019: Head of Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Sarajevo
* 2007-2009: Co-ordinator for International Relations at the Faculty of Pharmacy, University of Sarajevo

**Projects:**

* 2019-2020.Project title: ***“Lipid nanoparticles as drug delivery systems for micro RNA***“, a research project between Austria & Bosnia and Herzegovina(financed byOeAD - Austrian Agency for International Cooperation in Education and Research/ Österreichischer Austauschdienst),
* 2016-2017.Project title: ***“The influence of selected parameters on in vitro release of active substances“*** research project between Slovenia & Bosnia and Herzegovina (financed by ARRS -Slovenian Research Agency, Ministry of Civil Affairs of Bosnia and Herzegovina/ Federal Ministry of Education and Science)
* 2014-2015.Project title: ***“Formulation of compression coated tablets containing poorly soluble drugs for chronotherapy“ -*** research project between Slovenia & Bosnia and Herzegovina (financed by ARRS -Slovenian Research Agency, Ministry of Civil Affairs of Bosnia and Herzegovina/ Federal Ministry of Education and Science)
* 2012-2013.Project title: ***“Design of tablets with pulsatile release of a poorly soluble drug“ -*** research project between Slovenia & Bosnia and Herzegovina (financed by ARRS-Slovenian Research Agency, Ministry of Civil Affairs of Bosnia and Herzegovina/ Federal Ministry of Education and Science)

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

**Articles**

Vojinović, T., Medarević, Đ., ***Vranić, E.***, Potpara, Z., Krstić, M., Đuriš, J., Ibrić, S. Development of ternary solid dispersions with hydrophilic polymer and surface adsorbent for improving dissolution rate of carbamazepine. *Saudi Pharmaceutical Journal* 2018; 26(5): 725-732

Grizić, D., Heimer, P., ***Vranić, E.***, Imhof, D., Lamprecht, A. Propylene carbonate quantification by its derivative 3, 5-diacetyl-1,4-dihydro-2,6-lutidine. *Talanta*, 2016; 151: 75-82

Sibinovska, N., Komoni, V., Ančevska Netkovska, K., ***Vranić, E.,*** Simonoska Crcarevska, M., Glavaš Dodov, M. Novel approaches in treatment of acne vulgaris - patents related to micro/ nanoparticulated carrier systems. *Macedonian Pharmaceutical Bulletin*, 2016; 62: 3-16.

***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 Facultatis Medicinae Universitatis Saraeviensis*, 2015; 50 (1): 34-39

***Vranić, E.***, Grizić, D., Planinšek, O., Srčič, S., Bilensoy, E. Binary, ternary and microencapsulated celecoxib complexes with ß-cyclodextrin formulated via hydrophilic polymers. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, 2014; 80 (1-2): 139-146

**University Textbooks**

***Vranić***, E., Hadžiabdić, J., Elezović, A., Rahić, O. *Farmaceutska tehnologija - problemski zadaci i rješenja- I*. Univerzitetsko izd. Sarajevo: Farmaceutski fakultet, 2018.

ISBN 978-9958-595-07-3.

***Vranić***, E., Hadžiabdić, J., ELEZOVIĆ, Alisa, RAHIĆ, Ognjenka*. Farmaceutska tehnologija - problemski zadaci i rješenja- II*. Univerzitetsko izd. Sarajevo: Farmaceutski fakultet, 2018

ISBN 978-9958-595-08-0.

***Vranić***, E., PLANINŠEK, Odon, SRČIČ, Stanko*. Farmaceutska tehnologija : predformulacijske studije - čvrsti farmaceutski oblici*. Univerzitetsko izd. Sarajevo: Farmaceutski fakultet, 2013.

ISBN 978-9958-595-04-2.