

## **Dr. sc MILICA LUKIĆ**

### **Employment Information:**

- 2021 Assistant professor at Department of Pharmaceutical Technology and Cosmetology at University of Belgrade – Pharmaceutical Faculty
- 2016 Associate professor at Department of Pharmaceutical Technology and Cosmetology at University of Belgrade – Pharmaceutical Faculty
- 2009 Teaching assistant at Department of Pharmaceutical Technology and Cosmetology at University of Belgrade – Pharmaceutical Faculty
- 2007 Teaching collaborator at Department of Pharmaceutical Technology and Cosmetology at University of Belgrade – Pharmaceutical Faculty
- 2004-2007 Community pharmacy „Angelica“
- 2004 2005 One year internship at Military-medical Academy and community pharmacy “Angelica

### **Education:**

- 2014 PhD at the University of Belgrade – Faculty of Pharmacy (study program Cosmetology)
- 2005 Internship exam
- 2004 Master degree at the University of Belgrade – Faculty of Pharmacy

### **Training:**

- 2021 Training and Research for Academic Newcomers (TRAIN)

### **Teaching activities:**

- 2016.-now: Integrated Academic Studies – Study program Pharmacy assistant professor in course Cosmetology and practical lecture in Pharmaceutical Technology 1; Specialist Academic Studies in Cosmetology; Doctoral Academic Studies in Pharmaceutical Sciences.
- 2010-2016. Integrated Academic Studies – Study program Pharmacy first as teaching collaborator and then teaching assistant in Pharmaceutical Technology I and II, Cosmetology and Basics of pharmaceutical technology and at Specialist and Doctoral Academic Studies in Cosmetology as teaching assistant.
- 2007-2010. Master Academic Studies – Study program Pharmacy as teaching collaborator at Pharmaceutical technology with biopharmacy and Basics of industrial pharmacy and cosmetology
- Membership and mentoring in Committees for final works.

- Membership and mentoring in Committees for specialization and doctoral theses.

#### **Textbooks:**

- *PRAKTIKUM iz kozmetologije, Authors: Milica Lukić, Ivana Pantelić, Tanja Ilić, Ines Nikolić; 2021, ISBN: 978-86-6273-077-0, 2021.*

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

- President of Committee for accounts receivable and obligations 2021
- Membership in Faculty promotion team (since 2020)
- Membership in Committee for students enrolment in the first academic year for Integrated Academic Studies at University of Belgrade – Pharmaceutical Faculty for 2019/2020
- President of V year Faculty Conceal at University of Belgrade – Pharmaceutical Faculty (since 2018)
- Membership in Committee for students enrolment in the first academic year for Integrated Academic Studies at University of Belgrade – Pharmaceutical Faculty 2017/2018
- Membership in V year Faculty Conceal at University of Belgrade – Pharmaceutical Faculty (2014-2018)

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

##### Support to students extra faculty academic activities

- Enrolment in 2 student research works within organization: Centre for scientific and research work of students at Faculty of Pharmacy (CNIRS):
  - 2017/2018 Mentoring of student work presented at students' congress, held in Belgrade at Faculty of Pharmacy (collaboration with CNIRS)
  - 2016/2017 Mentoring of student work presented at students' congress, held in Belgrade at Faculty of Pharmacy (collaboration with CNIRS)
- Enrolment at National Association of Pharmacy Students Serbia (NAPSer) congress as lecturer:
  - 2017. – Lecture and workshop, Lukić M. „Mikroflora i pH humane kože” XI NAPSer Congress, Zlatibor, Serbia. December 05-09. 2018.
  - 2018. - Lecture, Lukić M. Anti-age kozmetički proizvodi, X NAPSer Congress, Zlatibor, Serbia. December 20-24. 2017.
- Enrolment at Global Students Conference as lecturer: Lecture and workshop Lukić M, Pantelić I, Savić S. „Dermocosmetic preparations – A ‘rocky’ road from an active cosmetic ingredient design and discovery to an evidence-based product.

- A Workshop on Cosmetology”, Global Students Conference, October 20-23. 2016. (University of Belgrade – Medical Faculty)
- Engaged in creation and realization of presentation of Pharmaceutical Faculty at Science fair in year 2018<sup>th</sup>.
- Membership in the Committee for quality evaluation of student research papers under the CNIRS activity in year 2018<sup>th</sup>.
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#### Enrolment in continual education courses

- Course coordinator "Savremeni pristup formulaciji i izradi dermofarmaceutskih/dermokozmetičkih proizvoda u apoteci/galenskoj laboratoriji: preparati sa kortikosteroidima, proizvodi za tretman/terapiju fotoostarele kože i prirodni kozmetički proizvodi", (Accreditation number: 153-02-2275/2018-01; accredited program evidential number B-101/18);
- Lecture Lukić M. "Ostarela koža – da li se može sprečiti i lečiti? Savremen pristup formulisanju anti-age proizvoda" and workshop within the accredited course "Savremeni pristup formulaciji i izradi dermofarmaceutskih/dermokozmetičkih proizvoda u apoteci/galenskoj laboratoriji: preparati sa kortikosteroidima, proizvodi za tretman/terapiju fotoostarele kože i prirodni kozmetički proizvodi", (Accreditation number: 153-02-2275/2018-01; accredited program evidential number B-101/18) University of Belgrade – Pharmaceutical Faculty, Centre for continual education, (28-29.09.2018).
- Lecture Lukić M. "pH humane kože i mikrobioma: zahtevi za savremene formulacije dermofarmaceutskih/dermokozmetičkih proizvoda za održavanje i podešavanje pH kože" and workshop within the accredited course "Teorijski i praktični aspekti dermofarmaceutskih/dermokozmetičkih proizvoda u apoteci – studija slučaja: emolijentni, proizvodi za kontrolu pH kože i proizvodi za kožu sklonu/zahvaćenu aknama" (Accreditation number: 153-02-2275/2018-01; accredited program evidential number B-103/18) University of Belgrade – Pharmaceutical Faculty, Centre for continual education, (28-29.09.2018)
- Lecture Lukić M, Savić S. "Kozmetički proizvod kao kompetencija farmaceuta: od procene efikasnosti/bezbednosti do apoteke" (Accreditation number 153-02-449/2019-01; accredited program evidential number B-56/19) University of Belgrade – Pharmaceutical Faculty, Centre for continual education (19.10.2019).
- Lecture Lukić M „Konzervansi, boje/pigmenti i UV filteri u kozmetičkim proizvodima: aspekti bezbedne primene“ and workshop „Deklaracija kozmetičkog proizvoda: tumačenje informacija koje treba da sadrži“, within the accredited course „Bezbednost kozmetičkih proizvoda“; Accreditation number: 153-02-507/2018-01; accredited program evidential number: B-7/18 at 69. Symposium of Association of Pharmaceutical Associations of Serbia, Kopaonik, Serbia, 24-27. May 2018.

#### Lecturer at professional Seminars and Meetings

- Lecture „Kvalitativni i kvantitativni sastav kozmetičkog proizvoda i značaj podataka o supstancama” within the Course „Plasiranje kozmetičkog proizvoda na tržište – dokumentacija sa informacijama o proizvodu” 29.05.2021. (University of Belgrade – Pharmaceutical Faculty);
- Lecture „Konzervansi, sredstva za bojenje i UV filteri u kozmetičkim proizvodima: prilozi Uredbe 1223/2009.” and workshopu „Kozmetičke tvrdnje i kako doći do njih?” within the Course „Kvalitet, efikasnost i bezbednost kozmetičkih proizvoda: osvrt na evropske propise” 01.03.2019. (University of Belgrade – Pharmaceutical Faculty);
- Lecture "Uredba 1223/2009 Evropskog parlamenta i saveta o kozmetičkim proizvodima, sa posebnim osvrtom na Izveštaj o bezbednosti kozmetičkog proizvoda" and "Uredba 655/2013 Evropskog parlamenta i saveta o kozmetičkim tvrdnjama i Vodič za kozmetičke tvrdnje" with Snežanom Savić as co-author and workshop within Courses I) Zakonski propisi o kozmetičkim proizvodima – Evropski zahtevi u Republici Srbiji: Koliko smo spremni? and II) Dermofarmaceutski i (dermo)kozmetički preparati: kompetencije farmaceuta – Kategorizacija, principi formulacije i izrade (22-23.9.2017.) (University of Belgrade – Pharmaceutical Faculty);
- Lecture „Peroralne suspenzije sa gotovim/komercijalnim vehikulumima: izrada i stabilnost magistralnih lekova za decu” within the Section of pharmaceutical technology and cosmetology 18.11.2017. (SFUS);

#### Membership in professional associations

- Membership in Association of Pharmaceutical Associations of Serbia (SFUS)

#### Peer review activities

- Reviewer in journals M20 i M50: (International Journal of Cosmetic Science, Journal of Cosmetic Dermatology, Colloids and Surfaces B: Biointerfaces, Tenside Surfactants Detergents, Annals of Agricultural Science, Microchemical Journal, Critical Reviews in Biotechnology, Journal of Thermal Analysis and Calorimetry, Biotribology, Current Nutrition & Food Science, HPC Today)

#### **Projects:**

##### International projects

- Since 2021. Engaged in project “Value-Added Products from Maize, Wheat and Sunflower Waste as Raw Materials for Pharmaceutical and Food Industry” within IDEJE program.

- 2011-2019. Enrolled as collaborator in project of technological development „Razvoj mikro- i nanosistema kao nosača za lekove sa antiinflamatornim delovanjem i metoda za njihovu karakterizaciju“ (TR-34031) Ministry of education, science and technological development Republic of Serbia.
- 2008-2010. Enrolled as collaborator in project of technological development „Razvoj i karakterizacija koloidnih nosača za antiinflamatorne lekove“ (TR-19058)

#### International projects

- 2017-2018 - Enrolled as collaborator in bilateral projects between Republic of Serbia and Germany “Biosurfaktanti i biopolisaharidi/polimeri koji stvaraju film kao kozmetičke sirovine i prospektivni farmaceutski ekscipijensi: formulacija koloidnih i film-formirajućih sistema za isporuku aktivnih supstanci“, (No 451-03-01413/2016-09/10).
- 2015-2016 - Enrolled as collaborator in bilateral projects between Republic of Serbia and Germany "Formulacija mikro-, nano- i emulzionih sistema bez surfaktanta za slabo rastvorne lekove: razvoj i optimizacija ex vivo i in vivo metoda procene" (No 451-03-01766/2014-09/2).

#### **Publications:**

- Lukic M, Filipovic M, Pajic N, Lunter D, Bozic D, Savic S. Formulation of topical acidic products and acidification of the skin – Contribution of glycolic acid. *International Journal of Cosmetic Science* (2021) 43 (4): 419-431; DOI: 10.1111/ics.12707.
- Lukić M, Pantelić I, Savić S. Towards optimal pH of the skin and topical formulations: From the current state of the art to tailored products. *Cosmetics* (2021):8 (3), art. no. 69; DOI: 10.3390/cosmetics8030069.
- Lukic M, Pantelic I, Savic S. A comparison of Myribase and Doublebase gel: Does qualitative similarity of emollient products imply their direct interchangeability in everyday practice? *Dermatologic Therapy* (2020): e14020; <https://doi.org/10.1111/dth.14020>.
- Pantelić I, Lukić M, Gojgić-Cvijović G, Jakovljević D, Nikolić I, Lunter DJ, Daniels R, Savić S. *Bacillus licheniformis* levan as a functional biopolymer in topical drug dosage forms: From basic colloidal considerations to actual pharmaceutical application. *European Journal of Pharmaceutical Sciences* (2020) 142: 105109; doi: 10.1016/j.ejps.2019.105109.

- Tasić-Kostov M, Lukić M, Savić S. A 10% Lactobionic acid-containing moisturizer reduces skin surface pH without irritation—An in vivo/in vitro study. *Journal of Cosmetic Dermatology* 18 (2019) 1705-1710.
- Zhang Z, Lukic M, Savic S, Lunter DJ. Reinforcement of barrier function – skin repair formulations to deliver physiological lipids into skin. *International Journal of Cosmetic Science* (2018) 40: 494–501; DOI: 10.1111/ics.12491.
- Filipovic M, Lukic M, Djordjevic S, Krstonosic V, Pantelic I, Vuleta G, Savic S. Towards satisfying performance of an O/W cosmetic emulsion: screening of reformulation factors on textural and rheological properties using general experimental design. *International Journal of Cosmetic Science* (2017) 39(5): 486-499; DOI: 10.1111/ics.12402.
- Lukic M, Pantelic I, Savic S. An Overview of Novel Surfactants for Formulation of Cosmetics with Certain Emphasis on Acidic Active Substances. *Tenside Surfactants Detergents* 53 (2016) 7-19; doi: 10.3139/113.110405.
- Lukic M, Pantelic I, Daniels R, Müller-Goyman C. C, Savic M, Savic S. Moisturizing emulsion systems based on the novel long-chain alkyl polyglucoside emulsifier: the contribution of thermoanalytical methods to the formulation development. *Journal of Thermal Analysis and Calorimetry* 111 (3) (2013): 2045-2057 doi: 10.1007/s10973-012-2263-0.
- Lukic M, Jaksic I, Krstonosic V, Dokic LJ, Savic S. Effect of small change in oil phase composition on rheological and textural properties of w/o emulsion. *Journal of Texture Studies* 44 (2013) 34–44; doi:10.1111/j.1745-4603.2012.00363.x.