



CURRICULUM VITAE

Name	Danijela D. Nikodijević
Date of birth	25 th March 1991.
Nationality	Serbian
Education	
High school	Medical School, Čuprija, 2006-2010, medical technician
Bachelor or graduate study	Faculty of Science, University of Kragujevac, 2010-2015, Graduated Biologist
Master study	Faculty of Science, University of Kragujevac, 2015, MSci in Biology
Ph.D. study	Faculty of Science, University of Kragujevac, PhD student in Biology since 2015.
Title	Researcher at Faculty of Science, University of Kragujevac, from 2016
Affiliation	Faculty of Science, University of Kragujevac
Key qualifications	
Professional experience record	2016-2020 / University of Kragujevac, Faculty of Science / Researcher on Project "Preclinical Investigation of Bioactive Substances (PIBAS, No III41010), Ministry of Education, Science and Technological Development, Republic of Serbia 2020- / University of Kragujevac, Faculty of Science, Department of Biology and Ecology / Agreement on the realization and financing of scientific research work (03-68/2020-14/200122).
Education and training	Third Congress of the Serbian Society for Mitochondrial and Free Radical Physiology "Redox Medicine. Reactive Species Signaling, Analytical Methods, Phytopharmacy, Molecular Mechanisms of Disease". September 25-26, 2015, Belgrade Serbian Biochemical Society Sixth Conference "Biochemistry and Interdisciplinarity: Transcending the Limits of field". November 18, 2016, Belgrade 3rd Congress of the Serbian Association for Cancer Research with international participation "Challenges in anticancer research:translation of knowledge to improve diagnosis and treatment". Belgrade, 6-7th October 2017 The Fourth International Congress of Serbian Society for Mitochondrial and Free Radical Physiology Belgrade, 28-30 september 2018 Drugi kongres biologa, Kladovo, Srbija, 25-30.09.2018
Scientific and other projects	Since 2016 / Preclinical Investigation of Bioactive Substances (PIBAS, No III41010), Project of Ministry of Education, Science and Technological Development, Republic of Serbia / Project manager Prof. PhD Snežana Marković.
References/ Selected references	1. Nikodijević DD , Milutinović MG, Cvetković DM, Čupurdija MĐ, Jovanović MM, Mrkić IV, Jankulović-Gavrović MĐ, Marković SD. Impact of bee venom and melittin on apoptosis and biotransformation in colorectal carcinoma cell lines. <i>Toxin Reviews</i> . 2019. M21 2. Milutinović MG, Maksimović VM, Cvetković DC, Nikodijević DD , Stanković MS, Pešić MS, Marković SD. Potential of <i>Teucrium chamaedrys</i> L. to modulate apoptosis and biotransformation in colorectal carcinoma cells. <i>Journal of Ethnopharmacology</i> . 2019; 240(2019): 1-10. M21 3. Milutinović M, Čurović D, Nikodijević D , Vukajlović F, Predojević D, Marković S, Pešić S. The silk of <i>Plodia interpunctella</i> as a potential biomaterial and its cytotoxic effect on cancer cells. <i>Animal Biotechnology</i> . 2019; 29(4): 1-9. M22



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4. Grujović MŽ, Mladenović KG, **Nikodijević DD**, Čomić LjR. Autochthonous lactic acid bacteria-presentation of potential probiotics application. *Biotechnology Letters*. 2019; 1-13. **M22**
5. Cvetković D, Jovankić J, Milutinović M, **Nikodijević D**, Grbović F, Ćirić A, Topuzović M, Marković S. The anti-invasive activity of *Robinia pseudoacacia* L. and *Amorpha fruticosa* L. on breast cancer MDA-MB-231 cell line. *Biologia*. 2019; 74(5): 1-14. **M23**
6. Mladenović KG, Grujović MŽ, **Nikodijević DD**, Čomić LjR. The hydrophobicity of enterobacteria and their co-aggregation with *Enterococcus faecalis* isolated from Serbian cheese. *Bioscience of Microbiota, Food and Health*. 2020.
7. Milutinović MG, **Nikodijević DD**, Stanković MS, Cvetković DM, Marković SD. Altered apoptosis and biotransformation signaling in HCT-116 colorectal carcinoma cells induced by *Teucrium chamaedrys* L.extract. *Kragujevac Journal of Science*. 2019; 41(2019): 77-86. **M23**
8. Jovanović MM, Ćupurdija MĐ, **Nikodijević DD**, Milutinović MG, Cvetković DM, Rakobradović JD, Marković SD. Effects of royal jelly on energy status and expression of apoptosis and biotransformation genes in normal fibroblast and colon cancer cells. *Krag J. Sci*. 2018; 40: 175-192. **M51**
9. **Nikodijević D**, Milutinović M, Cvetković D, Stanković M, Živanović M, Marković S. Effects of *Teucrium polium* L. and *Teucrium montanum* L. extracts on mechanisms of apoptosis in breast and colon cancer cells. *Kragujevac J. Sci*. 2016; 38: 147-159; **M52**
10. **Nikodijević D**, Milutinović M, Cvetković D, Stanković M, Marković S. Effects of different *Teucrium* species on mechanism of apoptosis in colon and breast cancer cell lines. Third Congress of the Serbian Society for Mitochondrial and Free Radical Physiology "Redox Medicine. Reactive Species Signaling, Analytical Methods, Phytopharmacy, Molecular Mechanisms of Disease". September 25-26, 2015, Belgrade; P17; **M34**
11. Milutinović M, Stanković M, Cvetković D, **Nikodijević D**, Marković S. Effects of different plants used in traditional medicine for digestive disorders on metabolic enzymes in colon cancer cell lines. Third Congress of the Serbian Society for Mitochondrial and Free Radical Physiology "Redox Medicine. Reactive Species Signaling, Analytical Methods, Phytopharmacy, Molecular Mechanisms of Disease". September 25-26, 2015, Belgrade; P49; **M34**
12. Jovankić J, Cvetković D, Milutinović M, **Nikodijević D**, Živanović M, Grbović F, Marković M. Molecular mechanisms of redox status and antitumor activity of extracts of invasive plant species (*Robinia pseudoacacia* and *Amorpha fruticosa*) in MRC-5 and MDA-MB-231 cell lines. Serbian Biochemical Society Sixth Conference "Biochemistry and Interdisciplinarity: Transcending the Limits of field". November 18, 2016, Belgrade; 123-125. **M34**
13. **Nikodijević D**, Jovanović M, Milutinović M, Cvetković D, Ćupurdija M, Jovankić J, Marković S. Effects of the bee products on energy status and relative expression of biotransformation and apoptosis genes in healthy and colon cancer cells. Seventh Conference of Serbian Biochemical Society "Biochemistry of Control in Life and Tehnology", 11 november, 2017, pp. 173-175, Belgrade, Serbia; **M34**



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	<p>14. Cvetkovic MD, Cvetkovic MA, Milošević ZM, Ninković MS, Milutinović GM, Nikodijević DD, Jovankic VJ and Marković DS. The role of molecular mechanisms of neoangiogenesis as tumor markers in the treatment individualization of breast cancer patients. 3rd Congress of the Serbian Association for Cancer Research with international participation "Challenges in anticancer research:translation of knowledge to improve diagnosis and treatment". Belgrade, 6-7th October 2017. page 49-50. M34</p> <p>15. Milutinović M, Nikodijević D, Stanković M, Cvetković D, Marković S. Anti/pro-oxidant and proapoptotic activities of <i>Centaurium erythrea</i> extracts on colon cancer cells. The Fourth International Congress of Serbian Society for Mitochondrial and Free Radical Physiology Belgrade, 28-30 september 2018. page 75, p29. M34</p> <p>16. Cvetković D, Milutinović M, Nikodijević D, Jovankić J, Filipović N i Marković S. Efekat elektrohemioterapije na ćelijskim linijama karcinoma dojke. Drugi kongres biologa, Kladovo, Srbija, 25-30.09.2018. Knjiga sažetaka, strana 268. M64</p> <p>17. Milutinović M, Čurović D, Cvetković D, Nikodijević D, Vukajlović F, Predojević D, Jovankić J, Pešić S, Marković S. Svila moljca <i>Plodia interpunctella</i> kao potencijalni biomaterijal i citotoksični agens na HCT-116 ćelijama karcinoma kolona. Drugi kongres biologa, Kladovo, Srbija, 25-30.09.2018. Knjiga sažetaka, strana 277. M64</p>
Teaching experience / mentor	
Language skills	English: Reading, Speaking, Writing
Other skills	MS Office (Word, Excel, Access, Power Point), Windows, Internet
Interests	Cell biology, cancerogenesis, anticancer therapy, animal venoms, herpetology
Hobbies	Camping, field research, drawing
Family	
Contact	
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