

ДР ДАНИЈЕЛА М ЦВЕТКОВИЋ



Звање	Начни сарадник
Ужа научна област	Биологија
Година стицања звања	2018.
Проценат ангажовања	100 %
Е mail адреса	c_danijela@yahoo.com danijela.cvetkovic@uni.kg.ac.rs
Телефон	06303120816
Датум рођења	07.03.1982.
Година првог запослења	2011.
Знање страних језика	srpski, engleski
Интернет презентација	
Истраживачки број	https://orcid.org/0000-0001-7767-1345

Репрезентативне референце

1. Cvetkovic A, **Cvetkovic D**, Stojic V and Zdravkovic N. Length of Hospital Stay and Bed Occupancy Rates in Former Yugoslav Republics 1989–2015. Role of Health Economic Data in Policy Making and Reimbursement of New Medical Technologies, Monograph by Jakovljevic M and Yamada T. eds. 2017. Lausanne: Frontiers Media. Role of Health Economic Data in Policy Making and Reimbursement of New Medical Technologies. E-Book. ISSN: 1664-8714. ISBN: 978-2-88945-320-7.
2. Nikodijević DD, Milutinović MG, **Cvetković DM**, Ćupurdija MĐ, Jovanović MM, Mrkić IV, Jankulović-Gavrović MĐ, Marković SD (2019). Impact of bee venom and melittin on apoptosis and biotransformation in colorectal carcinoma cell lines. *Toxin Reviews*, DOI: [10.1080/15569543.2019.1680564](https://doi.org/10.1080/15569543.2019.1680564)
3. Milutinović MG, Maksimović VM, **Cvetković DM**, Nikodijević DD, Stanković MS, Pešić MS, Marković SD. Potential of Teucrium chamaedrys L. to modulate apoptosis and biotransformation in colorectal carcinoma cells, *Journal of Ethnopharmacology*, 2019, 111951, ISSN 0378-8741.
4. **Cvetković DM**, Jovankić JV, Milutinović MG, Nikodijević DD, Grbović FJ, Ćirić AR, Topuzović MD, Marković SD. The Anti-Invasive Activity of Robinia Pseudoacacia L. and Amorpha Fruticosa L. on breast cancer MDA-MB-231 cell line. *Biologia* (2019) 74: 915.
5. **Cvetković DM**, Živanović MN, Milutinović MG, Djukić TR, Radović MD, Cvetković AM, Filipović ND, Zdravković ND. Real-time monitoring of cytotoxic effects of electroporation on breast and colon cancer cell lines. *Bioelectrochemistry* 2017; 113: 85-94. ISSN: 1567-5394.
6. Cvetkovic AM, **Cvetkovic DM**, Stojic VV, Zdravkovic ND. Length of hospital stay and bed occupancy rates in former Yugoslav Republics 1989 – 2015. *Frontiers in Pharmacology* 2016; 7: 417. ISSN 1663-9812.

7. Ćurčić MG, Stanković MS, Mrkalić EM, Matović ZD, Banković DD, Cvetković DM , Đačić DS, Marković SD. Antiproliferative and proapoptotic activities of methanolic extracts from <i>Ligustrum vulgare</i> L. as an individual treatment and in combination with palladium complex. <i>International Journal of Molecular Sciences</i> 2012; 13: 2521-2534. ISSN:1661-6596.
8. Filipović ND, Djukić TR, Radović MD, Cvetković DM , Ćurčić MG, Marković SD, Peulić AS, Jeremić BM. <u>Electromagnetic field investigation on different cancer cell lines</u> . <i>Cancer Cell International</i> 2014; 14: 84. ISSN: 1475-2867.
9. Cvetković DM , Milošević BZ, Cvetković AM, Ninković SM, Jovankić JV, Dalibor V Jovanović DV, Marković SD. The concentration of matrix metalloproteinase 9 in the tumor and peritumoral tissue as prognostic marker in breast cancer patients. <i>Vojnosanitetski Pregled</i> 2019; 76(5): 476-484. ISSN: 0042-8450
10. Milošević B, Cvetković A, Ninković S, Marković S, Mitrović S, Stojanović B, Radunović A, Vulović M and Cvetković D . Mammaglobin expression in tissue as a predictor of breast carcinoma aggressiveness. <i>Vojnosanitetski Pregled</i> 2019; ISSN: 0042-8450.
11. Milutinović MG, Stanković MS, Cvetković DM , Maksimović V, Šmit B, Pavlović R, Marković S. The molecular mechanisms of apoptosis induced by <i>Allium flavum</i> L. and synergistic effects with new-synthesized Pd(II) complex on colon cancer cells. <i>Journal of Food Biochemistry</i> 2015; 39(3): 238-250. ISSN: 0145-8884
12. Milutinović MG, Stanković MS, Cvetković DM , Šeklić DS, Topuzović MD, Mihailović VB, Marković SD. Antioxidant and Anticancer Properties of Leaves and Seed Cones from European Yew (<i>Taxus baccata</i> L.) <i>Archives of Biological Sciences</i> 2015; 67(2): 525-534. ISSN: 0354-4664.
13. Ćurčić MG, Stanković MS, Cvetković DM , Topuzović MD, Marković SD. <i>Ligustrum vulgare</i> L.: <i>in vitro</i> free radical scavenging activity and prooxidant properties in human colon cancer cell lines. <i>Digest Journal of Nanomaterials and Biostructures</i> 2014; 9(4): 1689-1697. ISSN: 1842-3582.
14. Kosarić JV, Zivanović MN, Cvetković DM , Ćurčić MG, Seklić DS, Bugarcic ZM, Marković SD. Antioxidative and antiproliferative evaluation of 2-(phenylselenomethyl) tetrahydrofuran and 2(phenylselenomethyl)tetrahydropyran. <i>Journal of BUON / Journal of the Balkan Oncology</i> 2014; 19(1): 283-290. ISSN: 1107-0625.
15. Stolić RS, Mijailović MZ, Cvetković AM, Stanojević MS, Stolić DZ, Cvetković DM : Distal ischemia induced by vascular access for hemodialysis - a case report. <i>Hippokratia</i> 2012; 16(4): 375-377. ISSN: 1108-4189
16. Ninković SM, Ninković VM, Cvetković AM, Cvetković DM , Nedović JR, Milošević BZ. Multifocal and multicentric breast cancer: is breast conserving surgery acceptable? <i>Journal of BUON / Journal of the Balkan Oncology</i> 2012; 17: 38-45. ISSN: 1107-0625.
17. Marković SD, Žižić JB, Đačić DS, Obradović AD, Ćurčić MG, Cvetković DM , Đorđević NZ, Ognjanović BŠ, Štajn ŠA. Alteration of oxidative stress parameters in red blood cells of rats after chronic <i>in vivo</i> treatment with cisplatin and selenium. <i>Archives of Biological Sciences</i> 2011; 63(4): 991-999. ISSN: 0354-4664

18. Marković SD, Đaćić DS, **Cvetković DM**, Obradović AD, Žižić JB, Ognjanović BI, Štajn AŠ. Effects of acute in vivo cisplatin and selenium treatment on hematological and oxidative stress parameters in red blood cells of rats. *Biological Trace Element Research* 2011; 142(3): 660-670. ISSN: 0163-4984.
19. Cvetković D, Cvetković A, Ninković S, Milutinović M, Mitrović S and Marković S. The role of molecular markers of angiogenesis in the prediction disease in patients with breast cancer. *Biologia Serbica*, 2019,41(2):63-69. doi: 10.5281/zenodo.3532125. **M51**
20. 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 (у процесу публикавања, потврда о прихватању рада у прилогу). ISSN: 1450-9636. **M51**
21. Nikodijević DD, Milutinović MG, **Cvetković DM**, Stanković MS, Živanović MN, Marković SD. Effects of *Teucrium polium* L. And *Teucrium montanum* L. extracts on mechanisms of apoptosis in breast and colon cancer cells. *Kragujevac Journal of Science* 2016;(38): 147-159. ISSN: 1450-9636. **M52**
22. **Cvetković D**, Cvetković A, Filipovic N. The Effect of Electrochemotherapy on Breast Cancer Cell Lines. *Serbian Journal of Experimental and Clinical Research*. doi10.2478/sjecer-2019-007 **M51**
23. Marković SD, Djačić DS, **Cvetković DM**, Obradović AD, Žižić JB, Ognjanović BI, Štajn AŠ, Saičić ZS, Spasić MB. Effects of acute treatment of vitamin C on redox and antioxidative metabolism in plasma and red blood cells of rats. *Kragujevac Journal of Science* 2010; 32: 109-116. ISSN: 1450-9636. **M53**
24. Cvetković AM, Spasić MM, Pavlovic MD, **Cvetković D**, Stojanović D, Ninković SM, Jevdjić JD, Čanović DS and Milošević BZ. The use of proton pump inhibitors in intensive care units. *Serbian Journal of Experimental and Clinical Research*. doi10.1515/sjecr-2017-0011. ISSN: 1820–8665 **M51**
25. Cvetković D, Cvetković A, Ninković S, Milutinović M, Mitrović S and Marković S. The role of molecular markers of angiogenesis in the prediction disease in patients with breast cancer. 9th Conference of Serbian Biochemical Society "Diversity of Biochemistry", Belgrade, Serbia. November 14-16. 2019, Invited Lectures, 31. ISBN: 978-86-7220-101-7 (FOC). **M31**
26. Filipovic ND, Djukic TR, Radovic MD, **Cvetkovic DM**, Markovic SD, Jeremic BM. Experimental and numerical investigation of electromagnetic field at different cancer cell lines. 2013 *IEEE 13TH International Conference on Bioinformatics and Bioengineering (BIBE)*, M.2.2.4: 85-86, 2013. ISBN: 978-1-4799-3162-0. **M33**
27. Đukić TR, **Cvetković DC**, Radović MD, Zivanović MN, Filipović ND. Numerical modeling of behavior of cancer cells after electroporation. *IEEE International Conference on Bioinformatics & Bioengineering (BIBE)*. 2015; p.-57, Belgrade, Serbia. ISBN 978-1-4673-7983-0. **M33**
28. Jovankić JV, **Cvetković DM**, Milutinović MG, Nikodijević DD, Živanović MN, Grbović FJ, Marković MD. 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. ISBN: 978-86-7220-081-2. **M34**
29. Živanović MN, **Cvetković DM**, Prodanović RM, Popović NV, Filipović ND. Polymer Scaffolds for Engineering of Artificial Blood Vessels. *BioNanoMed*, Krems, Austria, 2017.
30. Živanović MN, **Cvetković DM**, Filipović ND. Electrochemical Detection of microRNA-21. *SEECCM*, Kragujevac, Serbia, 2017. **M34**
31. Živanović MN, **Cvetković DM**, Filipović ND. μSense Cancer Procedure for Detection of microRNAs as Cancer Biomarkers – From Science to Patients. *Fabulous*, Belgrade, Serbia, 2016. **M34**
32. Živanović MN, **Cvetković DM**, Filipović ND. Mathematical modeling and experimental procedures for tissue engineering of blood vessels by electrospinning. *ESAO*, Wien, Austria, 2017. **M34**
33. Živanović MN, **Cvetković DM**, Filipović ND. Optimization of Parameters for Electrochemical Detection: Computer Simulation and Experimental Study. *Fabulous*, Bucharest, Romania, 2017. **M34**
34. **Cvetković DM**, Živanović MN, Milutinović MG, Đukić T, Radović M, Cvetković A, Gadjanski I, Filipović N, Marković S. Real-time monitoring of cytotoxic effects of electroporation on breast and colon

- cancer cell lines. Second Congress of the Serbian Association for Cancer Research "Cancer research: perspectives and application", Belgrade, 2015. pp. 24. ISBN:978-86-919183-0-9 (Meeting Abstract). **M34**
35. Cvetkovic MD, Cvetkovic MA, Milošević ZM, Ninković MS, Milutinović GM, Nikodijević DD and Jovankić VJ 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.
36. Zivanovic MN, **Cvetkovic DM**, Kosaric JV, Curcic MG, Seklic DS, Bugarcic ZM, Markovic SD. Antioxidative effects of novel selenium compounds (Meeting Abstract). FEBS journal. 2012; 279: 197-197. ISSN: 1742-464X. **M34**
37. Curcic MG, Stankovic MS, Seklic DS, Zivanovic MN, **Cvetkovic DM**, Markovic SD. Total phenolic content and in vitro antioxidant/prooxidant properties of leaves and fruits from *Ligustrum vulgare* L (Meeting Abstract). FEBS journal. 2012; 279:216-216. ISSN: 1742-464-X. **M34**
38. Đačić DS, **Cvetković DM**, Glođović VV, Radić GP, Trifunović SR, Marković SD. The Antiproliferative effects of cisplatin and butyl and pentyl esters of (S, S)-ethylenediamine-N, N'-di-2-propanoic and corresponding platinum(IV) complexes on human colon cancer cell lines. Scientific Conference with International Participation "Preclinical Testing of Active Substances and Cancer Research", Kragujevac 2011, p12. ISBN 978-86-7760-064-8. **M34**
39. **Đuričić DM**, Đačić DS, Obradović AD, Đorđević NZ, Ognjanović BI, Štajn AŠ, Žikić RV, Saičić ZS, Marković SD. Redox status in plasma and red blood cells of cisplatin, vitamin C and selenium co-treated rats. X Congress of Romanian Society of Physiological Sciences, June, 2008, Cluj-Napoca, Romanian, Oxidative Stress in Medicine 18, PP. **M34**
40. Đačić DD, **Đuričić DM**, Žižić JB, Milošević MM, Ognjanović BI, Štajn AŠ, Žikić R, Saičić ZS, Marković SD. Effects of cisplatin, vitamin c and selenium co-treatment on hematological parameters in rats. Oxidative Stress in Medicine. X Congress of Romanian Society of Physiological Sciences, Cluj-Napoca, Jun 2008, p. **M34**
41. Ćurčić MG, Stanković MS, Mrkalić EM, Matović ZD, Đačić DD, **Cvetković DM**, Živanović MN, Marković SD. Ispitivanje antiproliferativne aktivnosti metanolnih ekstrakata biljke *Ligustrum vulgare* L. na HCT-116 ćelijskoj liniji u zavisnosti od vremena izlaganja i u tretmanu sa kompleksom paladijuma. Kongres "Mitohondrije i slobodni radikali", Beograd, 2011, knjiga sažetaka. **M64**
42. **Cvetković DM**, Ćurčić MG, Đačić DD, Stanković MS, Marković SD. Ispitivanje antiproliferativnih i antioksidacionih svojstava metanolnih ekstrakata dobijenih iz listova i plodova biljke *Ligustrum vulgare* L. na HCT-116 ćelijskoj liniji. Kongres "Mitohondrije i slobodni radikali", Beograd, 2011, knjiga sažetaka. **M64**
43. Đačić DD, Stanković MS, Glođović VV, Radić GP, Trifunović SR, Ćurčić GM, **Cvetković DM**, Živanović MN, Marković SD. Sinergistička aktivnost gljive *Fellinus luteus* i kompleksa platine (IV) [Pt (dp-(S, S)-eddp)] na ćelijsku liniju humanog kolon kancera (HCT-116). Kongres "Mitohondrije i slobodni radikali", Beograd, 2011, knjiga sažetaka. **M64**
44. Šeklić DD, Mitrović T, Stamenković SM, Cvetković V, Radenković J, Ćurčić MG, Živanović MN, **Cvetković DM**, Marković SD. Citotoksični i prooksidacioni efekti ekstrakata lišajeva (*Pseudoevernia furfuracea* i *Platismatia glauca*) na ćelijskim linijama humanog kolon kancera (HCT-116 i SW-480). Kongres "Život sa slobodnim radikalima", Niš, 2013., knjiga sažetaka, strana 53. **M64**
45. Šeklić DD, Stanković MS, Topuzović DM, Ćurčić MG, Živanović MN, **Cvetković DM**, Marković S. Prooksidativni i antimigratorni efekti ekstrakata medicinski značajnih gljiva u tretmanu ćelijskih linija humanog kolon kancera. Kongres "Život sa slobodnim radikalima", Niš, 2013., knjiga sažetaka, strana 54. **M64**
46. Ćurčić MG, Stanković MS, **Cvetković DM**, Živanović MN, Marković SD. Prooksidacioni efekat i citotoksičnost ekstrakata biljke *Ligustrum vulgare* L. na ćelije karcinoma kolona. Kongres "Život sa slobodnim radikalima", Niš, 2013., knjiga sažetaka, strana 71. **M64**

47. Ćurčić MG, Stanković MS, **Cvetković DM**, Šeklić DD i Marković SD. Efekti ekstrakata biljke *Teucrium chamaedrys* L. na apoptotski signalni put i redoks status ćelija karcinoma kolona. Kongres "Život sa slobodnim radikalima", Niš, 2013., knjiga sažetaka, strana 64. **M64**
48. Cvetković Danijela, Milutinović Milena, Nikodijević Danijela, Jovankić Jovana, Filipović Nenad, Marković Snežana. Efekat elektrohemioterapije na ćelijskim linijama karcinoma dojke, Drugi kongres biologa, isbn: 978-86-81413-08-1, Кладово, Србија, 25. - 30. Sep, 2018 **M64**
49. Milena Milutinović, Danica Ćurović, Danijela Cvetković, Danijela Nikodijević, Filip Vukajlović, Dragana Predojević, Jovana Jovankić, Snežana Pešić, Snežana Marković, Svila moljca Plodia interpunctella kao potencijalni biomaterijal i citotoksični agens na HCT-116 ćelijama karcinoma kolona, Drugi kongres biologa Srbije, Knjiga sažetaka, Srpsko biološko društvo, Beograd, pp. 277 - 277, isbn: 978-86-81413-08-1, Кладово, Србија, 25. - 30. Sep, 2018 **M64**
50. Živanović M.N., Cvetković D.M., Filipović N.D. (2018) Optimization of Parameters for Electrochemical Detection: Computer Simulation and Experimental Study. In: Fratu O., Militaru N., Halunga S. (eds) Future Access Enablers for Ubiquitous and Intelligent Infrastructures. FABULOUS 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 241. Springer, Cham. DOI https://doi.org/10.1007/978-3-319-92213-3_34 Online ISBN 978-3-319-92213-3 Print ISBN 978-3-319-92212-6.

Академска каријера

Установа	Студије/Теза/Дисертација/Избор	Почетак	Завршетак	Сценариј
Природно-математички факултет, Универзитет у Крагујевцу	Научни сарадник	2018.	/	
Природно-математички факултет, Универзитет у Крагујевцу	Доктор биолошких наука	2008.	2017.	967
Природно-математички факултет, Универзитет у Крагујевцу	Истраживач сарадник	2016.	2018.	
Природно-математички факултет, Универзитет у Крагујевцу	Истраживач сарадник	2013.	2016.	
Природно-математички факултет, Универзитет у Крагујевцу	Истраживач приправник	2010.	2013.	