

**CURRICULUM VITAE**

<b>Name</b>	<b>Milena G. Milutinović</b>
<b>Date of birth</b>	30.10.1985.
<b>Nationality</b>	Serbian
<b>Education</b>	
High school	Gymnasia, Ivanjica, 2000-2004
Bachelor or graduate study	2004-2008: Biology, Faculty of Science, University of Kragujevac, Graduated biologist
Master study	
Ph.D. study	2008-2014.: Biology, Faculty of Science, University of Kragujevac, PhD
<b>Title</b>	Assistant professor, Faculty of Science, University of Kragujevac Senior research associate, Faculty of Science, University of Kragujevac
<b>Affiliation</b>	Faculty of Science, University of Kragujevac
<b>Key qualifications</b>	Cell and molecular biology Apoptosis Cancer cell resistance
<b>Professional experience record</b>	2008-2010 / Scholar of Ministry of Science and Technology Republic of Serbia, researcher  2011-2019 / PIBAS project research work; researcher October 2023 – October 2024 / IDBioResist - Identification and modulation of biomarkers related to resistance of colorectal cancer cells on 5-fluorouracil; PI of the project April 2024 – Januar 2025 / ELEVATE - Experimental evolution approach in developing insect pest control methods; researcher
<b>Education and training</b>	2011 / Macedonia, Skopje, Faculty of Natural Sciences and Mathematics / Study visit / CPCTAS project research work. 2014 / Croatia, University of Zagreb, School of Medicine, The Croatian institute for brain research / Study visit, Namabio Cost Action
<b>Scientific and other projects</b>	2008-2011 / Taksonomska, biohemijska i molekularna istraživanja gljiva i biološki aktivnih supstanci” /researcher 2011-2019 / Preclinical Testing of Bioactive Substances (PIBAS), Ministry of Education and Science, Republic of Serbia 41010 / researcher
<b>References/ Selected references</b>	<b>More than 120 bibliographic units (44 publications on SCI; over than 700 citations, h-index 15)</b> 1. <b>Milutinović MG</b> , Maksimović VM, Cvetković DC, 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; 240: 111951. ISSN: 0378-8741. IF2018: 3.414. DOI: 10.1016/j.jep.2019.111951. M21 2. <b>Milutinović M</b> , Čurović D, Nikodijević D, Vukajlović F, Predojević D, Marković S, Pešić S. The silk of Plodia interpunctella as a potential biomaterial and its cytotoxic effect on cancer cells. Animal Biotechnology, 2020; 29(4): 1-9. ISSN: 1049-5398. IF2018: 1.263. DOI: 10.1080/10495398.2019.1575848 M22 3. <b>Milutinović M</b> , Stanković M, Cvetković D, Maksimović V, Šmit B, Pavlović R, Marković S. The molecular mechanisms of apoptosis induced by Allium flavum L. and synergistic effects with new-synthesized Pd(II) complex on colon cancer cells. Journal of Food Biochemistry, 2015; 9: 238-250. ISSN: 0145-8884. IF2015: 0.832. IF2015: 0.832. DOI: 10.1111/jfbc.12123. M22 4. Nikodijević DD, <b>Milutinović MG</b> , Cvetković DM, Čupurdija MĐ, Jovanović MM, Mrkić IV, Jankulović-Garović MĐ, Marković SD. Impact of bee venom and melittin on apoptosis and

	<p>biotransformation in colorectal carcinoma cells. Toxin Reviews, 2019. ISSN: 1556-9543. IF2018: 3.840. DOI: 10.1080/15569543.2019.1680564. M21</p> <p>5. Nikodijević D, Jovankić J, Cvetković D, Anđelković M, Nikezić A, <b>Milutinović M</b>. L-amino acid oxidase from snake venom: Biotransformation and induction of apoptosis in human colon cancer cells. European Journal of Pharmacology, 2021, 910: 174466. DOI: <a href="https://doi.org/10.1016/j.ejphar.2021.174466">https://doi.org/10.1016/j.ejphar.2021.174466</a>. ISSN: 0014-2999. IF2021: 5.195. M21</p> <p>6. Alimpić A, Knežević A, <b>Milutinović M</b>, Stević T, Šavikin K, Stajić M, Marković S, Marin P, Matevski V, Duletić-Laušević S. Biological activities and chemical composition of <i>Salvia amplexicaulis</i> Lam. extracts. Industrial Crops and Products, 2017; 105: 1-9. ISSN: 0926-6690. DOI: 10.1016/j.indcrop.2017.04.051. IF2017: 3.849. M21a</p> <p>7. Radenković N, Nikodijević D, Blagojević S, Jovankić J, <b>Milutinović M</b>. Resistance to 5-fluorouracil: The molecular mechanisms of development in colon cancer cells. European Journal of Pharmacology, 2024. ISSN: 0014-2999. IF2022=5.0. <a href="https://doi.org/10.1016/j.ejphar.2024.176979">https://doi.org/10.1016/j.ejphar.2024.176979</a>. M21</p>
<b>Teaching experience / mentor</b>	<p>Assistant professor on courses in the filed Molecular and cell biology</p> <p>Coordination of master and PhD thesis in the Laboratory of cell and molecular biology on Faculty of Science, Kragujevac.</p> <p>Teaching experience in Prva kragujevačka gimnazija (2023.- )</p> <p>Mentor of doctoral dissertation named “Effects of bee and snake venom on apoptosis and biotransformation in colon cancer cell lines”, of Danijela Nikodijević</p> <p>Comentor of doctoral dissertation named „Expression of microRNA and their regulatory genes as diagnostic parameter in early-stage endometrial cancer” of Stefan Blagojević</p>
<b>Language skills</b>	English: Reading, Speaking, Writing
<b>Other skills</b>	MS Office (Word, Excel, Access, Power Point), Windows, Internet
<b>Interests</b>	Molecular and cell biology and physiology
<b>Family</b>	Husband, son and daughter
<b>Contact</b>	
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