



## CURRICULUM VITAE

<b>Name</b>	<b>Snežana D. Marković</b>
<b>Date of birth</b>	13th April 1970
<b>Nationality</b>	Serbian
<b>Education</b>	
High school	
Bachelor or graduate study	Faculty of Biology, University of Belgrade, 1989-1994, Molecular biologist and physiologist
Master study	Faculty of Science, University of Kragujevac, 1997, MSc
Ph.D. study	Faculty of Science, University of Kragujevac, 2004, PhD
<b>Title</b>	Assistant professor at Faculty of Science, University of Kragujevac, from 2006
<b>Affiliation</b>	Faculty of Science, University of Kragujevac
<b>Key qualifications</b>	Project manager Professor of University Expert for Animal and Human physiology, and Molecular biology and biotechnology Head of Department for Biology and Ecology (2008-2011)
<b>Professional experience record</b>	2000-2021 / Kragujevac, Faculty of Science / assistant, assistant professor / Animal and human physiology, and Molecular biology and biotechnology. 2008-2011 / Kragujevac, Faculty of Science / Head of Department for Biology and Ecology. 2008-2021 / Manager of Centre for Pre-Clinical Testing of Active Substances (CPCTAS), Department of Biology and Ecology, Faculty of Science, University of Kragujevac. 2008-2021 / Manager of Laboratory for Cell and Molecular Biology, accredited according to SRPRS ISO/IEC 17025:2006 standard (2012-2016.) Organization of the scientific and know-how workshops as part of CPCTAS (FP7 project) activities Organization of Scientific Conference with International Participation "Preclinical Testing of Active Substances and Cancer Research", Kragujevac 2011
<b>Education and training</b>	2008 / Paris, Institute Curie / Study visit / CPCTAS Project Management and project research work. 2008 / Thessalonica, School of Medicine / CPCTAS Project Study visit / Management and project research work. 2008 / Skopje, Faculty of Natural Sciences and Mathematics / Study visit / CPCTAS Project Management and project research work. 2009 / Debrecen, Faculty of Science / Study visit / TEMPUS STERU Management and project work. 2011 / Paris, Institute Curie / Study visit / CPCTAS Project Management and project research work. 2008-2019 / Successful management of accreditation of study programs for Bachelor, Master, PhD and Vocational studies at Department of Biology and Ecology, Faculty of Science, University of Kragujevac.
<b>Scientific and other projects</b>	2008-2011 / Centre for Pre-Clinical Testing of Active Substances (CPCTAS), FP7, GA 206809 / <b>Project manager Prof. PhD Snežana Marković.</b> 2006-2009 / Science Teacher Education Revision and Upgrading, STERU, 40053_2005 / Project manager Prof. PhD Srećko Trifunović. 2006-2010 / Investigation of homeostasis disorders and detection of biomarkers of

	oxidative stress in aerobic organisms, Ministry of Science, Serbia 143035B / Project manager Scientific adviser PhD Zorica Saičić.
	2011-2019 / Preclinical Testing of Bioactive Substances (PIBAS), Ministry of Science, Republic Serbia 41010 / <b>Project manager Prof. PhD Snežana Marković.</b> Other projects of Ministry of Science, Serbia.
<b>References/ Selected references</b>	<p><b>More than 260 references (more than 65 publications on SCI; more than 1480 hetero-citations, h-index 18); period from 1999 – 2021 (<a href="https://kobson.nb.rs/">https://kobson.nb.rs/</a> ; SCOPUS)</b></p> <p><b>Selected references on SCI list</b></p> <ol style="list-style-type: none"> <li>Zarić J, Lazić D, <u>Marković S</u>, Glišin V, Ivanović Z, Milenković P, Popović Z. Alpha- and beta-globins of the anemic Belgrade laboratory rat. II. The effect of hemin and iron-dextran treatment. <i>Hemoglobin</i> 1998, 22: 231-244. ISSN: 0363-0269. M23</li> <li><u>Maletić SD</u>, Kostić MM. Effects of nitroglycerin on energy metabolism of rat reticulocytes. <i>J Physiol Pharmacol</i> 1999, 50: 75-87. ISSN: 0867-5910. M23</li> <li><u>Marković SD</u>, Ognjanović BI, Štajn AŠ, Žikić RV, Saičić ZS, Radojičić RM, Spasić MB. The effects of nitroglycerine on the redox status of rat erythrocytes and reticulocytes. <i>Physiol Res</i> 2006, 55: 389-396. ISSN: 0862-8408. IF(2006)=2.093 M22</li> <li>Djordjevic NZ, Babic GM, <u>Markovic SD</u>, Ognjanovic BI, Stajn AS, Saicic ZS. The antioxidative effect of estradiol therapy on erythrocytes in women with preeclampsia. <i>Reprod Toxicol</i> 2010, 29: 231-236. ISSN: 0890-6238. IF(2008)=2.957 M21</li> <li><u>Marković SD</u>, Djačić 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. <i>Biol Trace Elem Res</i> 2011, 142: 660-670. DOI 10.1007/s12011-010-8788-9. ISSN: 0163-4984. IF(2011)=1.923 M23</li> <li>Žižić JB, Vuković NL, Jadranin MB, Anđelković BD, Tešević VV, Kacaniova MM, Sukdolak SB, <u>Marković SD</u>. Chemical composition, cytotoxic and antioxidative activities of ethanolic extracts of propolis on HCT-116 cell line. <i>J Sci Food Agr</i> 2013, 93: 3001-3009. DOI: 10.1002/jsfa.6132. ISSN: 0022-5142 IF(2013)=1.879 M21</li> <li>Petrović VP, Simijonović D, Živanović MN, Košarić JV, Petrović ZD, Marković S, <u>Marković SD</u>. Vanillic mannich bases: synthesis and screening of biological activity. Mechanistic insight into the reaction with 4-chloroaniline. <i>RSC Advances</i>; 2014, 4/47: 24635-24644. ISSN 2046-2069 IF(2014) =3.840 M21</li> <li>Seklić DS, Obradović AD, Stanković MS, Zivanović MN, Mitrović TLj, Stamenković SM, <u>Marković SD</u>. Proapoptotic and antimigratory effects of <i>Pseudevernia furfuracea</i> and <i>Platismatia glauca</i> on colon cancer cell lines. <i>Food Technol Biotech</i> 2018, 56(3): 421-430. ISSN: 1330-9862. IF(2018)= 1.517. M22</li> <li>Milutinović MG, Maksimović VM, Cvetković DM, Nikodijević DD, Stanković MS, Pešić M, <u>Marković SD</u>. Potential of <i>Teucrium chamaedrys</i> L. to modulate apoptosis and biotransformation in colorectal carcinoma cells. <i>J Ethnopharmacol</i> 2019, 240 (2019) 111951. ISSN: 0378-8741. IF(2018): 3.414. M21</li> <li>Arsenijević N, Selaković D, Katanić-Stanković JS, Mihailović V, Mitrović S, Milenković J, Milanović, Vasović M, <u>Marković SD</u>, Živanović M, Grujić J, Jovičić N, Rosić G. The beneficial role of <i>Filipendula ulmaria</i> extract in prevention of prodepressant effect and cognitive impairment induced by nanoparticles of calcium phosphates in rats. <i>Oxid Med Cell Longev</i>, 2021, ID 6670135, 12 pages. <a href="https://doi.org/10.1155/2021/6670135">https://doi.org/10.1155/2021/6670135</a>. ISSN: 1942-0994. IF(2019): 5.076. M21</li> </ol>
<b>Teaching experience / mentor</b>	<p><b>University professor (assistant) more than 20 years. Development of study courses (15) in field of Molecular Biology and Biotechnology, and Human Physiology.</b></p> <p>Teaching material (author's affiliation - Faculty of Science, University of Kragujevac)</p> <ol style="list-style-type: none"> <li>Марковић С. Биологија човека – молекуларни и физиолошки аспекти. Електронско издање. Рукопис књиге, 2021. / Marković S. Human Biology – Molecular and Physiological Aspects. Manuscript of the book, 2021.</li> <li>Марковић С. Молекуларна биологија. Ауторска скрипта, 2020. / Marković S. Molecular Biology. Scripta, 2020.</li> <li>Марковић С, Милутиновић М. Молекуларна биотехнологија. Ауторска скрипта, 2021. / Marković S, Milutinović M. Molecular Biotechnology. Scripta,</li> </ol>

	<p>2021.</p> <p>4. Милутиновић М, Марковић С. Практикум за ћелијску и молекуларну биологију. Ауторска скрипта, 2021. / Milutinović M, Marković S. Practicum for Cell and Molecular Biology. Scripta, 2021.</p>
	<p><b>Mentor of 9 PhD theses, and 23 master works.</b></p> <p>Defended PhD thesis</p> <ol style="list-style-type: none"> <li>1. PhD thesis / Nataša Đorđević. Antioxidative effects of estradiol in erythrocytes of women with preeclampsia. 2010. Faculty of Science, University of Kragujevac.</li> <li>2. PhD thesis / Milena Čurčić. Molecular mechanisms of apoptosis in colon cancer cells after in vitro treatment with medicinal plants extracts. 2014. Faculty of Science, University of Kragujevac.</li> <li>3. PhD thesis / Danijela Cvetković. Role of molecular mechanisms of neoangiogenesis as tumor markers in individualization of therapy of patients suffering breast cancer. 2017. Faculty of Science, University of Kragujevac.</li> <li>4. PhD thesis / Dragana Šeklić. Molecular mechanisms of colorectal cells migration in antitumor action of new-synthesized platina(IV) complex and natural bioactive substances. 2018. Faculty of Science, University of Kragujevac.</li> <li>5. PhD thesis / Jelena Košarić. Molecular mechanisms study of action of some organoselenium compounds on redox status in colon HCT-116 and breast MDA-MB-231 cancer cells. 2018. Faculty of Science, University of Kragujevac.</li> </ol>
<b>Language skills</b>	<p>English: Reading, Speaking, Writing</p> <p>Russian: Reading, Speaking, Writing</p>
<b>Other skills</b>	MS Office (Word, Excel, Access, Power Point), Windows, Internet
<b>Interests</b>	Molecular and cell biology and physiology, Science management
<b>Hobbies</b>	Relevance of ancient rolls
<b>Family</b>	Son 20, daughter 15.
<b>Contact</b>	
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