



University of Kragujevac  
Faculty of Science, Department for Biology and Ecology  
**CENTRE FOR PRECLINICAL TESTING OF ACTIVE SUBSTANCES**  
**LABORATORY FOR CELL AND MOLECULAR BIOLOGY**



Radoja Domanovica 12, 34000 Kragujevac, Serbia

**CURRICULUM VITAE**

<b>Name</b>	<b>Aleksandra G. Nikezić</b>
<b>Date of birth</b>	15 <sup>th</sup> February 1994
<b>Nationality</b>	Serbian
<b>Education</b>	
High school	First Grammar School of Kragujevac
Bachelor or graduate study	Faculty of Science, University of Kragujevac, 2008-2012, Graduate Biologist
Master study	Faculty of Science, University of Kragujevac, 2016-2017, MSc Biology - Molecular Biology
Ph.D. study	Faculty of Science, University of Kragujevac, 2017-, PhD student in Biology - Animal and Human physiology and Molecular biology
<b>Title</b>	Research Assistant at University of Kragujevac, Faculty of Science from June 2018
<b>Affiliation</b>	University of Kragujevac, Faculty of Science, Department of Biology and Ecology
<b>Key qualifications</b>	
<b>Professional experience record</b>	2018 / 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 / Employed at the University of Kragujevac, Faculty of Science according to agreement no. 451-03-68/2020-14/200122 for realization and financing of Scientific research work by Ministry of Education, Science and Technological Development, Republic of Serbia
<b>Education and training</b>	2017 / Rome, Department of Genetics and Molecular Biology, Sapienza University of Rome / Erasmus+ credit mobility 2018 / Valjevo, Research Station Petnica / Study visit / Third Petnica's School of Molecular Biology "PCR in biological and biomedical research" 2019 / Belgrade, Institute for Biological Research "Siniša Stanković" / Training for isolation and cultivation of primary glioblastoma cell cultures 2019 / Kraljevo, Veterinary Specialist Institute / Sanger DNA Sequencing Training from Human, Plant, Animal and Fungal Samples 2019 / Kragujevac, Faculty of Science / Training for isolation of DNA molecules from human buccal mucosa samples and optimization of PCR amplification conditions 2019 / Kragujevac, University of Kragujevac / Bioinformatic workshop organized by Institute of Information Technologies Kragujevac, University of Kragujevac in cooperation with the "Seven Bridges Genomics" company
<b>Scientific and other projects</b>	2018- / 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.
<b>References/ Selected references</b>	1. <b>Nikezić A</b> , Blagojević S, Čupurdija M, Planojević N, Jovankić J, Rakobradović J, Vidanović D, Arsenjević D, Marković S. Comparative analysis of human DNA extraction methods and mitochondrial DNA HV1 and HV2 haplogroup determination. <i>Kragujevac J. Sci.</i> 2020. 42: 73-83. <b>M51</b>



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	<p>1. Blagojević S, Cvjetković V, <b>Nikezić A</b>, Milutinović M, Marković S. Bioinformatics online support for bioactive substances cytotoxicity testing and their statistical analysis. <i>Kragujevac J. Sci.</i> 2020. 42: 55-72. <b>M51</b></p> <p>3. Blagojević S, Furtula B, <b>Nikezić A</b>, Milutinović M, Živanović M, Marković S. Statistical clustering of IC50 values as indicators of cytotoxicity of bioactive substances on HCT-116 and SW-480 cell line on colon cancer. 7th Conference of Serbian Biochemical Society "Biochemistry of Control in Life and Technology", Belgrade, pp. 129. 2017. ISBN: 978-86-7220-091-1 (FOC). <b>M34</b></p> <p>4. <b>Nikezić A</b>, Cvetković D, Jovankić J, Marković S. The influence of <i>Robinia pseudoacacia</i> L. and <i>Amorpha fruticosa</i> L. on relative expression of the genes for apoptosis and biotransformation in normal and breast carcinoma cells. FEBS3+ Conference "From Molecules to Living Systems", Siófok, Hungary, pp. 67. 2018. ISBN: 978-615-5270-47-5. <b>M34</b></p> <p>5. <b>Nikezić A</b>, Blagojević S, Planojević N, Čupurdija M, Jovankić J, Cvetković D, Veličković T, Simić V, Marković S. Comparative analysis of DNA extraction methods from human buccal swabs and fish tissue samples. 9th Conference of Serbian Biochemical Society "Diversity of Biochemistry", Belgrade, Serbia. November 14-16, pp. 140. 2019. ISBN: 987-86-7220-101-7 (FOC). <b>M34</b></p> <p>6. Čupurdija M, Planojević N, Blagojević S, <b>Nikezić A</b>, Jovankić J, Milutinović M, Lazović M, Grbović F, Marković S. Comparative study of different DNA isolation methods from plants and fungus. 9th Conference of Serbian Biochemical Society "Diversity of Biochemistry", Belgrade, Serbia. November 14-16, pp. 83. 2019. ISBN: 978-86-7220-101-7 (FOC). <b>M34</b></p>
<b>Teaching experience / mentor</b>	<p>Participation in the education of students on the course "Stem cells and biotechnology" on Faculty of Science, University of Kragujevac.</p> <p>Student demonstrator in Molecular Biology courses on Faculty of Science, University of Kragujevac.</p> <p>Coordination of practical part of Master thesis in the Laboratory of cell and molecular biology on Faculty of Science, University of Kragujevac.</p>
<b>Language skills</b>	<p>English: Reading, Speaking, Writing</p> <p>Italian: Reading, Speaking</p>
<b>Other skills</b>	MS Office (Word, Excel, Access, Power Point), Ensembl, Primer3, OligoCalc, SPSS, Windows, Internet
<b>Interests</b>	Human physiology, Cell and Molecular biology, Genomics and Epigenomics
<b>Hobbies</b>	Volleyball, Reading Books
<b>Family</b>	
<b>Contact</b>	
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