

Curriculum Vitae

Jovana Tubić Vukajlović, Assistant

Name and surname: Jovana Tubić Vukajlović
Date and place of birth: November 27th, 1992., Kragujevac, Serbia
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Education:

- **Elementary school:** Jovan Popović, Kragujevac, Serbia, 1999. – 2007.
- **High school:** Medical School with Student Dormitory „Sestre Ninković”, Kragujevac, Serbia, 2007. – 2011.
- **BSc studies in Biology:** University of Kragujevac, Faculty of Science, Department of Biology and Ecology, 2011. – 2015.
- **MSc studies in Biology:** University of Kragujevac, Faculty of Science, Department of Biology and Ecology, 2015/2016. MSc thesis: Examination of the genotoxic potential of the acetone extract of *Hydnum repandum* mushroom *in vitro*, defended September 29th, 2016.
- **PhD studies in Biology:** University of Kragujevac, Faculty of Science, Department of Biology and Ecology, 2016. – Present.
- **Languages:** Serbian and English.

Professional Career:

- **PhD Scholarship of the Ministry of Education, Science and Technological Development of the Republic of Serbia:** University of Kragujevac, Faculty of Science, Department of Biology and Ecology, 2017. – 2019.
- **Junior research assistant:** University of Kragujevac, Faculty of Science, Department of Biology and Ecology, 2019. – 2020.
- **Teaching Assistant:** University of Kragujevac, Faculty of Science, Department of Biology and Ecology, 2020. – Present.

Scientific field: Genetics and evolution

Research Projects:

- Project III 41010 „Preclinical testing of bioactive substances“, funded by the Ministry of Education, Science and Technological Development of Republic of Serbia. Project leader: dr Snežana Marković, assist. prof.; Leading institution: Faculty of Science, University of Kragujevac.

Membership in scientific societies:

- Genetic Society of Serbia
- Biological Society of Serbia
- Ecological Research Association “Mladen Karaman” Kragujevac

Publications:

Articles published in journals with impact factor (M20 category):

1. **Tubić Vukajlović J**, Djordjević K, Tosti T, Simić I, Grbović F, Milošević-Djordjević O. In vitro effect of *Lenzites betulinus* mushroom against therapy-induced DNA damage in peripheral blood lymphocytes of patients with acute coronary syndrome. *Journal of Ethnopharmacology*, 2024, 335:118640. M21; IF₂₀₂₃=4,8; ISSN 0378-8741; DOI: 10.1016/j.jep.2024.118640
2. Raković I, Čočić D, Milošević-Djordjević O, Radojević I, Živanović NM, Virijević K, Pavić J, **Tubić Vukajlović J**, Marković A, Marjanović JS, Kostić MD, Čanović P, Mijatović A, Divac VM. Organoselenium functionalized oxacycles as ligands in some trans-palladium (II) complexes: biological evaluation and interaction with small-biomolecules. *Journal of Coordination Chemistry*, 2024, 77(7-8):730-749. M22; IF₂₀₂₃=2,2; ISSN 0095-8972; DOI: 10.1080/00958972.2023.2256934
3. Mihaljević O, Živančević-Simonović S, Jovanović D, Miletić Drakulić S, **Tubić Vukajlović J**, Marković A, Stanojević Pirković M, Srejić I, Jakovljević V, Milošević-Djordjević O. Oxidative stress and DNA damage in critically ill patients with sepsis. *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*, 2023, 889:503655. M22; IF₂₀₂₃=2,3; ISSN 1383-5718; DOI: 10.1016/j.mrgentox.2023.503655
4. **Tubić Vukajlović J**, Bojović L, Jevremović N, Simić I. Mucopolysaccharidosis type II (Hunter syndrome) in a boy from Republic of Serbia: a case report. *Kragujevac Journal of Science*, 2023, 45:327-333. M24; ISSN 1450-9636; DOI: 10.5937/KgJSci2345327T
5. Radojević ID, Grujović MŽ, Milošević-Djordjević O, **Tubić Vukajlović J**, Marković A, Grujičić D, Ćirić A, Djelić G, Topuzović M, Čomić LjR. Putative application of *Najas marina* L. extracts as a source of bioactive compounds and their antioxidant, antimicrobial, antibiofilm and genotoxic properties. *Letters in Applied Microbiology*, 2023, 76(5):1-8, M23; IF₂₀₂₃=2,0; ISSN 0266-8254; DOI: 10.1093/lambio/ovad055
6. **Tubić Vukajlović J**, Simić I, Smiljanić Z, Grujičić D, Milošević-Djordjević O. Genome instability in peripheral blood lymphocytes of patients with heart failure and reduced ejection fraction. *Mutagenesis*, 2023, 38(2):84-92. M22; IF₂₀₂₃=2,5; ISSN 0267-8357; DOI: 10.1093/mutage/gead002
7. Mihaljević O, Živančević-Simonović S, Ćupurdija V, Marinković M, **Tubić Vukajlović J**, Marković A, Stanojević-Pirković M, Milošević-Djordjević O. DNA damage in peripheral blood lymphocytes of severely ill COVID-19 patients in relation to inflammatory markers

- and parameters of hemostasis. *Mutagenesis*, 2022, 37(3-4):203-212. M22; IF₂₀₂₂=2,7; ISSN 0267-8357; DOI: 10.1093/mutage/geac011
8. Radojević ID, Mladenović KG, Čomić LjR, Raković IR, Milošević-Djordjević OM, Grujičić DV, Marković AM, **Tubić Vukajlović JM**, Djelić G, Topuzović M, Mihailović NR. Unexplored biological properties and phytochemical characterization of methanolic extracts of *Achillea ageratifolia* subsp. *Serbica* (nyman) heimerl. *The Journal of Animal and Plant Sciences*, 2022, 32(2):578-588. M23; IF₂₀₂₂=0,7; ISSN 1018-7081; DOI: 10.36899/JAPS.2022.2.0457
 9. Marković A, **Tubić Vukajlović J**, Grujičić D, Radović Jakovljević M, Stanković M, Djordjević K, Djelić N, Radaković A, Milošević-Djordjević O. Methanol extracts of *Teucrium arduini* L. and *Teucrium flavum* L. induce protective effect against mitomycin C in human lymphocytes *in vitro*. *Drug and Chemical Toxicology*. 2022, 45(2):940-946. M23; IF₂₀₂₂=2,6; ISSN 0148-0545; DOI: 10.1080/01480545.2020.1802477
 10. Milošević-Djordjević O, **Tubić Vukajlović J**, Marković A, Grujičić D, Arsenijević P, Arsenijević S. Assessment of chromosomal damage in umbilical blood lymphocytes of newborns from Kragujevac in Central Serbia born 18 years after environmental contamination. *Tohoku Journal of Experimental Medicine*, 2021, 255:213-219. M22; IF₂₀₂₁=2,547; ISSN 0040-8727; DOI: 10.1620/tjem.255.213
 11. **Tubić Vukajlović J**, Kosanić M, Ranković B, Stanojković T, Marković A, Grujičić D, Djelić N, Radaković M, Milošević-Djordjević O. Evaluation of biological activities of acetone extract of the mushroom *Leccinum scabrum*. *Farmacia*, 2021, 69(5):974-979. M23; IF₂₀₂₁=1,550; ISSN 0014-8237; DOI: 10.31925/farmacia.2021.5.22
 12. **Tubić Vukajlović J**, Simić I, Milošević-Djordjević O. DNA and chromosomal damage in peripheral blood lymphocytes in patients with acute coronary syndrome and undergoing coronary angiography. *Anatolian Journal of Cardiology*. 2021, 25:243-249. M23; IF₂₀₂₁=1,475; ISSN 2149-2263; DOI: 10.14744/AnatolJCardiol.2020.39479
 13. Radović Jakovljević M, Grujičić D, **Tubić Vukajlović J**, Marković A, Milena Milutinović M, Stanković M, Vuković N, Vukić M, Milošević-Djordjević O. *In vitro* study of genotoxic and cytotoxic activities of methanolic extracts from *Artemisia vulgaris* L. and *Artemisia alba* Turra. *South African Journal of Botany*. 2020, 132:117-126. M22; IF₂₀₂₀=2,315; ISSN 0254-6299; DOI: 10.1016/j.sajb.2020.04.016
 14. Kosanić M, Petrović N, Milošević-Djordjević O, Grujičić D, **Tubić J**, Marković A, Stanojković T. The health promoting effects of the fruiting bodies extract of the peppery milk cap mushroom *Lactarius piperatus* (Agaricomycetes) from Serbia. *International Journal of Medicinal Mushrooms*. 2020, 22(4):347-357. M23; IF₂₀₂₀=1,921; ISSN 1521-9437; DOI: 10.1615/IntJMedMushrooms.2020034167
 15. Grujičić D, Marković A, **Tubić Vukajlović J**, Stanković M, Radović Jakovljević M, Ćirić A, Djordjević K, Planojević N, Milutinović M, Milošević-Djordjević O. Genotoxic and cytotoxic properties of two medical plants (*Teucrium arduini* L. and *Teucrium flavum* L.) in relation to their polyphenolic contents. *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*. 2020, 852: 503168. M22; IF₂₀₂₀=2,873; ISSN 1383-5718; DOI: 10.1016/j.mrgentox.2020.503168
 16. **Tubić J**, Grujičić D, Radović Jakovljević M, Ranković B, Kosanić M, Stanojković T, Ćirić A, Milošević-Djordjević O. Investigation of biological activities and secondary metabolites of *Hydnum repandum* acetone extract. *Farmacia*. 2019, 67(1):174-183. M23; IF₂₀₁₉ = 1,607; ISSN 0014-8237; DOI: 10.31925/farmacia.2019.1.24

17. Mihaljević O, Živančević-Simonović S, Milošević-Djordjević O, Jovanović D, Todorović Ž, Grujičić D, Radović Jakovljević M, **Tubić J**, Marković A, Paunović M, Stanojević-Pirković M, Marković S. Apoptosis and genome instability in children with autoimmune diseases. *Mutagenesis*. 2018, 33:351-358. M22; IF₂₀₁₈=2,898; ISSN 0267-8357; DOI: 10.1093/mutage/gey037

Award:

- Award of the Student Parliament of the Faculty of Science, University of Kragujevac for the best rated teaching assistant in the student survey at the Department of Biology and Ecology in 2018., 2019. and 2022.