

CURRICULUM VITAE

- 1. Family name:** Milošević-Đorđević
- 2. First name:** Olivera
- 3. Date of birth:** January 12, 1963
- 4. Nationality:** Serbian
- 5. Civil status:** married, two children
- 6. Present position:** Full professor, Faculty of Science, University of Kragujevac, Serbia
- 7. Education:**



Year (from-to)	Degree/Diploma/ Institution
1981-1985	Studying of Biology, Faculty of Science, University of Kragujevac
1985	Graduated of Biology
1985-1988	Postgraduate Study of Genetics, Human genetics, Faculty of Biology, University of Belgrade
1988	MSc. Thesis (Faculty of Biology, University of Belgrade)
1993	PhD. Biol. Sci. (Faculty of Biology, University of Belgrade)

8. Academic career:

Assistant 1989-1993

Assistant professor 1993-2002

Associate professor 2002-2010

Full professor 2010-

9. Membership of professional society: member of several national societies.

10. Main research interest: human genetics-the role of genetic material in various pathological conditions, especially in malignant, autoimmune and cardiovascular diseases. A special aspect of the research work is the *in vitro* testing of the effect of synthetic and natural bioactive substances on the genome of human peripheral blood mononuclear cells.

11. Other relevant information

Participant in Projects: participated in six projects, one of which she was the leader, from 2001 until today, funded by the relevant Ministry, and in two Tempus projects.

12. Mentoring:

PhD dissertations - six

Master thesis – more than fifteen

Graduation thesis – more than ten

13. Editorial boards:

Genetika, Belgrade (member of the editorial board)- from 2005 -

Air, soil & water (member of the editorial board) – from 2007 to 2010

14. Most representative references: She has published more than 150 research papers in international and national journals and conference books.

15. Book:

Milošević-Đorđević O. (2010): Principles of clinical cytogenetics. Faculty of Medical Sciences, University of Kragujevac (in Serbian).

16. Chapter in monograph:

Grujičić D, Marinković D, Milošević-Đorđević O. (2020): Genotoxic activity of secondary metabolites of Teucrium species. In Teucrium Species: Biology and Applications ed. Stanković M. Springer Nature Switzerland, pp: 231-273.

SELECTED PAPERS (period from 2015 to 2024)

- 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. ISSN: 0378-8741.
- Marković A, Grujičić D, Živković-Radojević M, Milošević-Djordjević O. Measurement of chromosomal instability and level of DNA damage in peripheral blood mononuclear cells of endometrial cancer patients. *Mutagenesis*, 2024, 39:172-180. ISSN: 0267-8357.
- Radović Jakovljević M, Grujičić D, Stanković M, Milošević-Djordjević O. *Artemisia vulgaris* L., *Artemisia alba* Turra and their constituents reduce mitomycin C-induced genomic instability in human peripheral blood lymphocytes *in vitro*. *Drug and Chemical Toxicology*, 2024, 47 (2): 156-165. ISSN: 0148-0545.
- Raković I, Čočić D, Milošević-Djordjević O., Radojević I, Živanović M, Virijević K, Pavić J, Tubić Vukajlović J, Marković A, Marjanović J S, Kostić MD, Čanović P, Mijatović A and Divac V. 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. ISSN: 0095-8972.
- Mihaljević O, Živančević-Simonović S, Jovanović D, Miletić Drakulić S, Tubić Vukajlović J, Marković A, Stanojević Pirković M, Srejović 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. ISSN: 0267-8357.
- Radojević I, Grujović M, Milošević-Djordjević O., Tubić Vukajlović J, Marković A, Grujičić D, Ćirić A, Djelić G, Topuzović M, Čomić Lj. 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), ovad055. ISSN: 0266-8254.
- Živančević -Simonović S, Minić R, Ćupurdija V, Stanojević-Pirković M, Milošević-Djordjević O., Jakovljević V, Mihaljević O. Transforming growth factor beta 1 (TGF-β1) in COVID-19 patients: relation to platelets and association with the disease outcome. *Molecular and Cellular Biochemistry*, 2023. 478 (11): 2461-2471. ISSN: 0300 -8177.
- 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. ISSN: 0267-8357.

- Grujičić D, Mirkov Lj, Banković D, Virijević K, Marinković D, Milošević-Djordjević O. Homozygous-recessive characteristics as a biomarker of predisposition for COVID-19. *Clinical Nursing Research*, 2023, 32 (3): 589-600. ISSN: 1054-7738.
- Radović Jakovljević M, Milutinović M, Djurdjević P, Todorović Ž, Stanković M, Milošević-Djordjević O. Cytotoxic and apoptotic activity of acetone and aqueous *Artemisia vulgaris* L. and *Artemisia alba* Turra extracts on colorectal cancer cells. *European Journal of Integrative Medicine*, 2023, 57: 102204. ISSN:1876-3820.
- Mihaljević O, Živančević-Simonović S, Čupurdija 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*, 2022,37:203-212. ISSN: 0267-8357.
- Radović Jakovljević M, Stanković, Vuković N, Vukić M, Grujičić D, Milošević-Djordjević O. Comparative study of the genotoxic activity of *Artemisia vulgaris* L. and *Artemisia alba* Turra extracts *in vitro*. *Drug and Chemical Toxicology*, 2022, 45 (4): 1915-1922. ISSN: 0148-0545.
- Nikolić S, Gazdić-Janković M, Rosić G, Miletić-Kovačević M, Jovičić N, Nestorović N, Stojković P, Filipović N, Milošević-Djordjević O, Selaković D, Živanović M, Šeklić D, Milivojević N, Marković A, Seist R, Vasilijić S, Stanković K, Stojković M, Ljujić B. Orally administered fluorescent nanosized polystyrene particles affect cell viability, hormonal and inflammatory profile, and behavior in treated mice. *Environmental Pollution*, 2022, 305, 119206. ISSN: 0269-7491.
- Radojević I, Mladenović K, Čomić Lj, Raković I, Milošević-Djordjević O, Grujičić D, Marković A, Tubić Vukajlović J, Djelić G, Topuzović M, Mihailović N. R. Unexplored biological properties and phytochemical characterization of methanolic extracts of *Achillea ageratifolia* subsp. *Serbica* (nyman) heimerl. *JAPS*, 2022, vol 32(2): 578-588. ISSN: 1018-7081.
- Marković A, Tubić Vukajlović J, Grujičić D, Radović Jakovljević M, Stanković M, Djordjević K, Djelić N, Radaković M, 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. ISSN: 0148-0545.
- Živančević-Simonović S, Jovanović D, Čupurdija V, Milošević-Djordjević O, Stanojević M, Marinković M, Igrutinović N, Stanojević I, Vojvodić D, Mihaljević O. Cytokine producing ability of peripheral blood cells from COVID-19 patients after unspecific *in vitro* stimulation. *Inflammation Research* 2022, vol.71 (3): 331-341. ISSN: 1023-3830.
- Arsenijević N, Selaković D, Katanić Stanković J, Mihailović V, Mitrović S, Milenković J, Milanović P, Vasović M, Nikezić A, Milošević-Djordjević O, Živanović M, Filipović N, Jakovljević V, Jovičić N, Rosić G. Variable neuroprotective role of *Filipendula ulmaria* extract in rat hippocampus. *J Integr. Neurosci.* 2021 vol. 20(4): 871-883. ISSN: 0219-6352.
- 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 J Exp. Med.*, 2021, 255(3):213-219. ISSN: 0040-8727.
- 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. ISSN: 2149-2263.
- Milošević-Djordjević O, Grujičić D, Ranković B, Kosanić M. *In vitro* antigenotoxic activities of lichens *Cetraria islandica* and *Lasallia pustulata*. *Rom Biotechnol Lett.* 2020; 25(5): 1915-1921. ISSN: 1224-5984.

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- 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, vol 22(4): 347-357. ISSN: 1521-9437.
- 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 content. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis*, 2020, 852: 503168. ISSN 1383-571.
- Savić B, Stanojlović S, Haži-Milić M, Djonović N, Milošević-Djordjević O, Milisavljević F, Stojković M, Pajević S. IL28B genetic variations in patients with recurrent *Herpes simplex* keratitis. *Medicina*, 2019, 55:642. ISSN: 1010-660X.
- Kosanić M, Ranković B, Stanojković T, Radović-Jakovljević M, Ćirić A, Grujičić D, Milošević-Djordjević O. *Craterellus cornucopioides* edible mushroom as source of biologically active compounds. *Natural Product Communications*, 2019, 14(5), DOI:10.1177/1934578X19843610. ISSN: 1934-578X.
- Radović-Jakovljević M, Grujičić D, Živanović M, Stanković M, Ćirić A, Djurdjević P, Todorović Ž, Živančević-Simonović S, Mihaljević O, Milošević-Djordjević O. Ethyl acetate extracts of two *Artemisia* species: Analyses of phenolic profile and anticancer activities against SW-480 colon cancer cells. *Natural Product Communications*, 2019, 14(5), DOI: 10.1177/1934578X19843011. ISSN: 1934-578X.
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