

Darko Grujić, PhD, associate professor

Curriculum Vitae

Address:	University of Kragujevac
	Faculty of Science
	Institute of biology and ecology
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EDUCATION

PhD in Biology	2010. Faculty of Science, University of Kragujevac, Kragujevac, Serbia
MSc in Biology	1999. Faculty of Biology, University of Belgrade, Serbia
BSc in Biology	1993. Faculty of Science, University of Kragujevac, Kragujevac, Serbia
Languages:	English, Russian

PROFESIONAL EMPLOYMENT

Full professor:	
Associated professor:	Institute of biology and ecology, Faculty of Science, University of Kragujevac, Kragujevac, 2020 -
Assistant professor:	Institute of biology and ecology, Faculty of Science, University of Kragujevac, Kragujevac, 2013- 2020.
Assistant:	Institute of biology and ecology, Faculty of Science, University of Kragujevac, Kragujevac, 1999 -2013.
Courses that he/she taught:	
Area of research:	Genetics, Genotoxicology

PROFESSIONAL TRAINING

Period (from... to...)	Institution
1995-1999.	Junior Teaching and Research Assistant at the Department of Biology and Ecology of Faculty of Sciences, University of Kragujevac
1999.-2015.	Institute of biology and ecology, Faculty of Science, University of Kragujevac, Kragujevac

PROJECT PARTICIPATIONS

National projects:
2002- 2005 Researcher in the Scientific Project financed by Serbian Ministry of Science, Technology and Development, N ^o 1214
2005 Researcher in the Scientific Project financed by Serbian Ministry of Science and Environmental Protection N ^o 132001
2006-2010 Researcher in the Scientific Project financed by Serbian Ministry of Science and Environmental Protection N ^o 143008
2011-2015 Preclinical tests of bioactive substances, III 41010
2015 -

RESEARCH ACTIVITIES

Results of scientific research	Number
Monograph	/
Chapter in monograph	1
Scientific papers published in international journals	45
Scientific papers published in national journals	4
International conference proceedings	18
National conference proceedings	24
Other	/

SELECTED PUBLICATIONS (2015-2024)

1. Radović Jakovljević M, Grujičić D, Milan Stanković M, Milošević-Djordjević O. (2024). *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, 47(2): 156-165. ISSN: 0148-0545 (M23).
2. Marković A, Grujičić D, Živković Radojević M, Olivera Milošević-Djordjević O. (2024). Measurement of chromosomal instability and level of DNA damage in peripheral blood mononuclear cells of endometrial cancer patients. Mutagensis, 39(3): 172-180. ISSN: 0267-8357 (M22)
3. Radojević ID, Grujović MZ, Milošević-Djordjević OM, Tubić Vukajlović J. Marković A, Grujičić DV, Ćirić AR, Djelić GT Topuzović MD, Čomić LjR. (2023) 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, 76: 1-8. ISSN: 0266-8254 (M23)
4. Tubić Vukajlović J, Simić I, Smiljanić Z, Grujičić D, Milošević-Djordjević O. (2023). Genome instability in peripheral blood lymphocytes of patients with heart failure and reduced ejection fraction. *Mutagenesis*, 38(2): 84-92. ISSN: 0267-8357 (M22)
 5. Grujičić D, Mirkov Lj, Banković D, Virijević K, Marinković D, Milošević-Djordjević O. (2023) Homozygous-Recessive Characteristics as a Biomarker of Predisposition for COVID-19. *Clinical Nursing Research*, 32(3): 589-600. ISSN 1054-7738 (M22)
 6. Djordjević KM, Arsenijević SN, Milošević-Djordjević OM, Marinković DM, Grujičić DV. (2023). Pharmacotherapy during pregnancy and its association with genome instability in mother and fetus. *Kragujevac J Sci* 45: 129-147. (M24)
 7. Radojević DI, Mladenović GK, Čomić RLj, Raković RI, Milošević-Djordjević MO, Grujičić VD, Marković MA, Tubić Vukajlović J, Djelić TG, Topuzović DM, Mihailović RN. (2022) Unexplored Biological Properties and Phytochemical Characterization of Methanolic Extracts of *Achillea ageratifolia subsp. Serbica* (Nyman) Heimerl. *Journal of Animal & Plant Sciences*, 32(2): 578-588. ISSN 1018-7081 (M23).
 8. Radović Jakovljević M, Stanković M, Vuković N, Vukić M, Grujičić D, Milošević-Djordjević O. (2022). Comparative study of the genotoxic activity of *Artemisia vulgaris* L. and *Artemisia alba* Turra extracts *in vitro*. *Drug and Chemical Toxicology*, 45 (4): 1915-1922. ISSN 0148-0545 (M22)
 9. Marković A, Tubić Vukajlović J, Grujičić D, Radović Jakovljević M, Stanković M, Djordjević K, Djelić N, Radaković M, Milošević-Djordjević O. (2022): 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*, 45 (2), 940-946. ISSN 0148-0545 (M22)
 10. Milošević-Djordjević O, Tubić Vukajlović J, Marković A, Grujičić D, Arsenijević P, Arsenijević S. (2021) 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* 255: 213-219. ISSN 0040-8727 (M22)
 11. Tubić Vukajlović J, Kosanić M, Ranković B, Stanojković T, Marković A, Grujičić D, Djelić N, Radaković M, Milošević-Djordjević O. (2021) Evaluation of biological activities of acetone extract of the mushroom *Leccinum scabrum*. *FARMACIA*, 69(5): 974-979. ISSN 0014-8237 (M23)
 12. Grujičić D, Marinković D, Milošević-Djordjević O. (2020) Genotoxic activity of secondary metabolites of *Teucrium* Species. In: Stanković M. (eds) *Teucrium Species: Biology and Applications*. Springer, Cham. 2020; pp. 231–273. ISBN 978-3-030-52158-5, ISBN 978-3-030-52159-2 (eBook).
 13. Milošević-Djordjević O. Grujičić D., Ranković B., Kosanić M. (2020). *In vitro* antigenotoxic activities of lichens *Cetraria islandica* and *Lasallia pustulata*. *Rom Biotechnol Lett*, 25(5): 1915-1921. ISSN 1224-5984 (M23)
 14. Radovic-Jakovljevic M, Grujicic D, Tubic Vukajlovic J, Markovic A, Milutinovic M, Stankovic M, Vukovic N, Vukic M, Milosevic-Djordjevic O. (2020) *In vitro* study of genotoxic and cytotoxic activities of methanol extracts of *Artemisia vulgaris* L. and

Artemisia alba Turra (Article) South African Journal Of Botany, 132: 117-126. ISSN 0254-6299 (M22)

15. Kosanić M., Petrović N., Milošević-Djordjević O, Grujičić D., Tubić J., Marković A., Stanojković T. (2020) 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, 22(4):347-357. ISSN 1521-9437 (M23)
16. Grujičić D., Markovića A, Tubić Vukajlovića J, Stanković M, Radović Jakovljević M, Ćirić A, Djordjević K, Planojević N., Milutinović M, Milošević-Djordjević O. (2020) 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, 852: 503168. ISSN 1383-5718; (M22)
17. Milošević-Djordjević O., Radović Jakovljević M., Marković A., Stanković M., Ćirić A., Marinković D., Grujičić D. (2018) Polyphenolic contents of *Teucrium polium* L. and *Teucrium scordium* L. associated with their protective effects against MMC-induced chromosomal damage in cultured human peripheral blood lymphocytes. *Turkish Journal of Biology*, 42: 152-162. ISSN 1300-0152 (M23)
18. Mihaljević O, Živančević-Simonović S, Milošević-Djordjević O, Djurdjević P, Jovanović D, Todorović Ž, Grujičić D., Radović-Jakovljević M, Tubić J, Marković A, Paunović M, Stanojević-Pirković M., Marković S. (2018) Apoptosis and genome instability in children with autoimmune diseases. *Mutagenesis*, 33, 351–358. ISSN 0267-8357 (M22)
19. Milošević-Djordjević O., Grujičić D., Radović Jakovljević M, Marinković D., Dimitrijević S., Mihaljević O., Mijatović-Teodorović Lj., Živančević-Simonović S. (2017) Influence of *GSTT1* and *GSTM1* null genotypes on differentiated thyroid cancer risk and baseline and radioiodine induced cytogenetic damage in peripheral blood lymphocytes of patients, *Genetika*, 49, 599-611. ISSN 0534-0012 (M23)
20. Kosanić M, Ranković B, Stanojković T, Stošić I. Grujičić D., Milošević-Djordjević O. (2016) *Lasallia pustulata* lichen as possible natural antigenotoxic, antioxidant, antimicrobial and anticancer agent. *Cytotechnology*, 68, 999–1008. ISSN 0920-9069 (M22)
21. Grujičić D., Radović M, Arsenijević S, Milošević-Djordjević O. (2016) Cytogenetic biomarkers in detection of genotoxic effects of gestagens in peripheral blood lymphocytes *in vitro* and *in vivo*. *European Journal of Medical Genetics* 59, 624-633. ISSN 1769-7212 (M23)
22. Milošević-Đorđević O, Grujičić D., Radović M, Vuković N, Žižić J, Marković S (2015) *In vitro* chemoprotective and anticancer activities of propolis in human lymphocytes and breast cancer cells, *Archives of Biological Sciences*, vol. 67, 2, 571-581. ISSN 0354-4664 (M23)

MEMBERSHIPS IN NATIONAL AND INTERNATIONAL ORGANISATION

Serbian Genetics Society

Biological Society of Serbia
