CURRICULUM VITAE

Surname / First name:	***Dragica Brkić (Bošković)***
Address:	6, Nemanjina, 11080 Belgrade-Zemun, Serbia
Telephone:	+381(63)571500
E-mail:	dragica.brkic@agrif.bg.ac.rs
Born:	May 25, 1966, Belgrade
Citizenship:	Serbian
Marital Status:	Married, one child

Education:

1991 - B.Sc, Faculty of Agriculture, University of Belgrade, Belgrade, Yugoslavia (grade 9.53)

1997 - M.Sc, Toxicology of Pesticides, Faculty of Agriculture, University of Belgrade, Belgrade, Yugoslavia

2002 - Certificate of successfully completed course "Toxicological Risk Assessment" (Wageningen, Holland) and passed required exam

2004 - Certificate of successfully completed course "Basic Toxicology Course" (Ljubljana, Slovenia) and passed required exam

2005 - 2006 - LAB International Hungary, Veszprém, Experimental part of PhD

2007 - PhD, Toxicology of Pesticides, Faculty of Agriculture, University of Belgrade, Belgrade, Serbia

2012 - EFSA Scientific Colloquium XVII on Low Dose Response in Toxicology and Risk Assessment, Parma, Italy

2013 - EFSA Chemical Risk Assessment, Dures, Albania

2014 - European Commision - Better Training for Safer Food Initiative - Evaluation and Registration of Plant Protection Products in EU, Budapest, Hungary

2017 - European Commision - Better Training for Safer Food Initiative - Environmental Risk Assessment, Lisbon, Portugal
2018 - A practical framework for risk assessment in the 21st century - Faculty of Pharmacy, Belgrade, Serbia
2020 - European Commision - Better Training for Safer Food Initiative - Chemical Risk Assessment, Valencia, Spain
2022 - European Commision - Better Training for Safer Food Initiative - Evaluation and Authorization Procedures for Plant Protection Products – Environmental fate soil, water, air - Piacenza, Italy

Memberships in Scientific Associations:

- Society of Environmental Toxicology and Chemistry (SETAC)
- Association of European Toxicologists and Toxicological Societies (EUROTOX)
- Serbian Society of Toxicologists
- Serbian Plant Protection Society

Commissions:

- Member of the Commission for Plant Protection Products Registration (Republic of Serbia, Ministry of Agriculture, Forestry and Water Management) (2008-2010)
- Member of the Commission for Plant Protection Products Registration (Republic of Serbia, Ministry of Agriculture and Environmental Protection) (2011-2013)
- Member of the Committee "Man and the Environment" of the Serbian Academy of Sciences and Arts - SANU (2012 -)

Editorial work and reviewing:

Editorial Board Member: Scientific Journal "*Pesticides and Phytomedicine*" (formerly: "*Pesticides*"), Belgrade, Serbia (2007 -)

Reviewer for: *Pesticides and Phytomedicine*, *Water Science and Technology*, Drug and Chemical Toxicology

Positions Held:

1991 – 1994 Fellow, Faculty of Agriculture, University of Belgrade, Belgrade-Zemun, Yugoslavia;

1994 – 1998	Fellow, Department of Toxicology, Institute of Plant Protection and Environment, Belgrade, Yugoslavia;
1998 – 2003	Research Fellow, Department of Toxicology, Institute for Plant Protection and Enviroment, Belgrade, Yugoslavia
2003 – 2007	Research Fellow, Laboratory of Toxicology, Institute of Pesticides and Enviromental Protection, Belgrade, Serbia
2007 – 2015	Scientific Associate, Laboratory of Toxicology, Institute of Pesticides and Enviromental Protection, Belgrade, Serbia
2011 – 2015	Assistant Professor (Toxicology of Pesticides), Institute for Phytomedicine, Faculty of Agriculture, University of Belgrade, Belgrade, Serbia
2015 – 2020	Associated Professor (Toxicology of Pesticides), Institute for Phytomedicine, Faculty of Agriculture, University of Belgrade, Belgrade, Serbia
2020 –	Full Professor (Toxicology of Pesticides), Faculty of Agriculture, University of Belgrade, Belgrade, Serbia

Research:

1994 – 2000	***Project 12M01***: Pesticides and Environment
2002 – 2004	***Project BTR.5.02.0505.B***: Research in crop protection and pesticide application
2005 – 2007	***Project TR-6868B***: Research to develop new and improve existing pesticide formulation
2008 – 2011	***Project TR200041***: Biological, chemical, toxicological and ecotoxicological studies of herbicides and their application
2011 – 2013	***Twinning project SR/08/IB/AG/01***: Harmonisation of National Legislation with EU Legislation for Placing on the Market and Control of Plant Protection Products and Implementation of New Legal Provisions
2011 – 2020	***Project III 46008***: Development of Integrated Management of Harmful Organisms in Plant

	Production in Order to Overcome Resistance and Improve Food Quality and Safety
2019 – 2022	Erasmus +: Harmonization and Innovation in PhD Study Programs for Plant Health in Sustainable Agriculture – HarISA

Selected Publications

Vučinić, S, Antonijević, B, **Brkić, D** (2014): Occupational and Environmental Aspects of Organophosphorus Compounds. **In**: Basic and Clinical Toxicology of Organophosphorus Compounds (Balali-Mood, M. and Abdollahi, M., eds.). Springer-Verlag, London.

Tamaš, N., Špirović-Trifunović, B., **Brkić, D.**, Miletić, N., Sretenović, M. (2025): Possibilities for Controlling the Most Important Diseases and Pests of Sour Cherries and an Analysis of Pesticide Residues in Fruits. Horticulturae 11(2). https://doi.org/10.3390/horticulturae11020191

Drobnjaković, T., Prijović, M., Dervišević, M., **Brkić, D.**, Ricupero, M., Marčić, D. (2024): Side effects of semi-synthetic insecticide spinetoram on the whitefly parasitoid Encarsia formosa. Pest Management Science, **81**, 1. https://doi.org/10.1002/ps.8450 (IF = 4,3)

Udovički, B., Tomić, N., **Brkić D.**, Sredojević, A., Kaluđerović, M., Špirović Trifunović, B., Šmigić, N., Đekić, I. (2024): Cumulative risk assessment of dietary exposure of the adult population in Serbia to pesticides that have chronic effects on the thyroid gland through fresh fruits and vegetables. Food Chem. Toxicol., 186, 114541. https://doi.org/10.1016/j.fct.2024.114541 (IF = 4,5)

Rašković, B., Poleksić, V., Vuković, G., Špirović Trifunović, B., Božić, G., Ćupić Miladinović, D., Marković, Z., Brkić, D. (2023): Acute and Subchronic Exposure of the Common Carp (*Cyprinus carpio*) to Herbicide S-Metolachlor. Water, 15(23), 4182. https://doi.org/10.3390/w15234182 (IF = 3,3)

Stevanović, M., **Brkić, D**., Tomić, T., Mihajlović, V., Đorđević, T., Gašić, S. (2021): Effects of the technical ingredient clomazone and its two formulated products on aquatic macrophytes. Environmental Pollution, **277**, 116753. https://doi.org/10.1016/j.envpol.2021.116753 (IF = 10,366)

Milinčić, D., Vojinović, U., Kostić, A., Pešić, M., Spirović-Trifunović, B., **Brkić, D.**, Stević, M., Kojić, M., Stanisavljević, N. (2020): In vitro assessment of pesticide residues bioaccessibility in conventionally grown blueberries as affected by complex food matrix. Chemosphere, 252, 126568. https://doi.org/10.1016/j.chemosphere.2020.126568 (IF = 7,086)

Brkić, D, Szakonyne-Pasics, I, Gašić, S, Teodorović, I, Rašković, B, Brkić, N, Nešković, N (2015): Subacute and subchronic toxicity of Avalon® mixture (bentazone+dicamba) to rats. Environ. Toxicol. Phar., **39**(3), 1057-1066. http://dx.doi.org/10.1016/j.etap.2015.03.004 (IF = 2,396)

Vučinić, S., Antonijević, B., Tsatsakis, M.A., Vassilopoulou, L., Docead, A.O., Nosyreve, E.A., Izotovf, N.B., Thiermanng, H., Drakoulis, N, **Brkić, D.** (2017): Environmental Exposure to Organophosphorus Nerve Agents. Environ. Toxicol. Pharmacol., **56**, 163-171. https://doi.org/10.1016/j.etap.2017.09.004 (IF = 2,721)

Stevanović, M., Gašić, S., Pipal, M., Blahova, L., **Brkić, D**., Nešković, N., Hilschlerova, K. (2017): Toxicity of clomazone and its formulations to zebrafish embryos (*Danio rerio*). Aquatic Toxicology, **188**, 54-63. https://doi.org/10.1016/j.aquatox.2017.04.007 (IF = 4,143)

Kaišarevic, S., Tenji, D., Mihajlović, V., Mićić, B., Francija, E., Periz-Stanacev, J., Krnić Skiljo, B., **Brkić, D**., Teodorović, I. (2019): Comparative Analyses of Cellular Physiological Responses of Non-target Species to Cypermethrin and its Formulated Product: Contribution to Mode of Action Research. Environ. Toxicol. Pharmacol., **65**, 31-39. https://doi.org/10.1016/j.etap.2018.11.007 (IF = 3,162)

Tunić, T, Knežević, V, Kerkez, Đ, Tubić, A, Šunjka, D, Lazić, S, **Brkić, D**, Teodorović, I (2015): Some arguments in favour of *Myriophyllum aquaticum* growth inhibition test in water – sediment system as an additional test in risk assessment of herbicides. Environ. Toxicol. Chem., **34**(9), 2104-2115. https://doi.org/10.1002/etc.3034 (IF = 3,014)

Jokić, G., Blažić, T., Marković, T., Đedović, S., **Brkić, D**., Vukša, M. (2018): Wild Mus musculus response on two different essential oils with high repellent potential. Journal of Stored Products Research, **79**, 106-111. https://doi.org/10.1016/j.jspr.2018.10.001 (IF = 2,320)

Nešković N, Gašić, S, **Brkić D,** Pavlovski, Z, Cmiljanić, R (2013): Effects of Dietary Cypermethrin on Chickens. Acta Vet, **63**(2-3), 325-335. (IF = 0,195)

Brkić D., Vitorović S., Gašić S., Nešković N. (2008): Carbofuran in Water: Subchronic Toxicity to Rats. Environ. Toxicol. Pharmacol., **25**(3), 334-341. https://doi.org/10.1016/j.etap.2007.11.002 (IF = 1,509)

April 5, 2025
Belgrade-Zemun