

Curriculum vitae

Personal information

First name, Surname:	MILICA FOTIRIC AKSIC		
Date of birth:	07.04.1972.	Sex:	F
Nationality:	SERBIAN		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	0000-0001-9086-9145		
URL for personal website:	https://www.researchgate.net/profile/Milica-Fotiric-Aksic https://www.scopus.com/authid/detail.uri?authorId=57943254600		

Education and position

Year	Faculty/department - University/institution - Country
2015-up to now	ASSOCIATE PROFESSOR, FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE, SERBIA
2009. (dissertation defended)	Ph.D. FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE, SERBIA
2003.	Master FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE, SERBIA

Recent project management experience

Year	Project owner - Project - Role - Funder
2013-2016	FP7 Project TRAFON, Traditional Food Network to improve the transfer of knowledge for innovation", Grant agreement No 613912, PROJECT PARTICIPANT
2021-2024	"Apple pollination (Eplepollinering) for increased fruit set, yield and fruit quality". Project number 51488. Project leader NIBIO, Ås, Norway.
2021-2023	Fruit quality and chemical contents in fruits from organic grown Norwegian plum- and apple cultivars, Project no. 5223. Project leader NIBIO, Ås, Norway.
2021-2022	Growth and development of apple cultivars in a changing climate. Project no. 52247. Project leader NIBIO, Ås, Norway.
2022-2026	COST Action "A European forum for revitalisation of marginalised mountain areas" (MARGISTAR) CA21125
2022-2026	COST Action "Fruit tree Crop REsponses to Water deficit and decision support Systems applications" (FruitCREWS) CA21142
2022-2023	Extraction and encapsulation of bioactive components from waste raw materials obtained from raspberry processing - application in the cosmetic industry. Circular voucher, financed by Global Environment Facility (GEF) and UNDP Serbia (United Nations Development Program Serbia).

Supervision of students

(Total number of students)

Master's students	Ph.D. students	University/institution - Country
17	8	UNIVERSITY OF BELGRADE, FACULTY OF AGRICULTURE UNIVERSITY OF BELGRADE, FACULTY OF CHEMISTRY UNIVERSITY OF BELGRADE, FACULTY OF FORESTRY

Other relevant professional experiences

(E.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees, major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
2023-up to now	CHAIRMAN of the Council of the COUNCIL OF MULTIDISCIPLINARY STUDIES
2018- up to now	EUFRIN (European Fruit Research Institutes Network) Board member, representative
2021- up to now	MATICA SRPSKA (<i>Matrix Serbica</i> - cultural-scientific Serbian national institution)
2010- up to now	Member of ISHS (International Society for Horticultural Sciences)
2010-2014	Member of the Board of Directors of the 'Institute for the Application of Science in

Track record

- The total *number* of publications during the career – 143 (Scopus list), *h*-index 22

Recent publications

- Fotirić Akšić, M.M.**; Pešić, M.B.; Pećinar, I.; Dramićanin, A.; Milinčić, D.D.; Kostić, A.Ž.; Gašić, U.; Jakanovski, M.; Kitanović, M.; Meland, M. Diversity and Chemical Characterization of Apple (*Malus* sp.) Pollen: High Antioxidant and Nutritional Values for Both Humans and Insects. *Antioxidants* **2024**, *13*, 1374. <https://doi.org/10.3390/antiox13111374>
- Fotirić Akšić, M.**, Ercisli, S., Meland, M. *et al.* Cooler Is Better: The Role of Temperature in the Reproductive Biology of Persian Walnut (*Juglans regia* L.) Studied in a Hungarian-Bred Cultivar. *Applied Fruit Science* **66**, 1963–1976 (2024). <https://doi.org/10.1007/s10341-024-01155-z>
- Meland, M.; Dabić Zagorac, D.; Jakanovski, M.; Sredojević, M.; Natić, M.; Kitanović, M.; **Fotirić Akšić, M.** Profiling of Metabolites in Organically Grown Plums from Norway: Does Location or Cultivar Matter? *Antioxidants* **2024**, *13*, 526. <https://doi.org/10.3390/antiox13050526>
- Đorđević, M.; Cerović, R.; Meland, M.; **Akšić, M.F.** The Effect of Different Temperatures on the Viability and Senescence of Plum Ovules (*Prunus domestica* L.). *Plants* **2024**, *13*, 1359. <https://doi.org/10.3390/plants13101359>
- Meland, M., Frøynes, O., Kviklys, D., Zagorac, D. D., & **Akšić, M. F.** (2024). Pomological, organoleptic, and biochemical values of Norwegian heritage apple cultivars. *Acta Agriculturae Scandinavica, Section B — Soil & Plant Science*, 74(1). <https://doi.org/10.1080/09064710.2024.2366180>
- Ćirković, A., Demin, M., **Fotirić Akšić, M.**, Rabrenović, B. (2023). Processing waste: bioactive components and antioxidant capacity of cold-pressed oils from some fruit seeds. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 51(3), 13241. <https://doi.org/10.15835/nbha51313241>
- Krstić, Đ.D., Ristivojević, P.M., Gašić, U.M., Lazović M., **Fotirić Akšić, M.M.**, Milivojević, J., Morlock, G.E., Milojković-Opsenica, D.M., Trifković, J.Đ. Authenticity assessment of cultivated berries via phenolic profiles of seeds. *Food Chemistry* 402 (2023) 134184
- Fotirić Akšić, M.**, Tešić, Ž.; Kalaba, M.; Ćirić, I.; Pezo, L.; Lončar, B.; Gašić, U.; Dojčinović, B.; Tosti, T.; Meland, M. Breakthrough Analysis of Chemical Composition and Applied Chemometrics of European Plum Cultivars Grown in Norway. *Horticulturae* 2023, *9*, 477. <https://doi.org/10.3390/horticulturae9040477>
- Fotirić Akšić, M. M.** Nešović, I. Ćirić, Ž. Tešić, L. Pezo, T. Tosti, U. Gašić, B. Dojčinović, B. Lončar, Meland M. 2022. Polyphenolics and Chemical Profiles of Domestic Norwegian Apple (*Malus × domestica* Borkh.) Cultivars. *Front. Nutr.* 9:941487. doi: 10.3389/fnut.2022.941487
- Cvetković, M.; Kočić, M.; Dabić Zagorac, D.; Ćirić, I.; Natić, M.; Hajder, Đ.; Životić, A.; **Fotirić Akšić, M.** When Is the Right Moment to Pick Blueberries? Variation in Agronomic and Chemical Properties of Blueberry (*Vaccinium corymbosum*) Cultivars at Different Harvest Times. *Metabolites* 2022, *12*, 798. <https://doi.org/10.3390/metabo12090798>

- **Fotirić Akšić, M.**; Nešović, M.; Ćirić, I.; Tešić, Ž.; Pezo, L.; Tosti, T.; Gašić, U.; Dojčinović, B.; Lončar, B.; Meland, M. Chemical Fruit Profiles of Different Raspberry Cultivars Grown in Specific Norwegian Agroclimatic Conditions. *Horticulturae* 2022, 8, 765. doi: 10.3390/horticulturae809076
- Rabrenović B., Natić M., Dabić Zagorac D., Meland M., **Fotirić Akšić M.** (2022) Bioactive Phytochemicals from Walnut (*Juglans* spp.) Oil Processing By-Products. In: Ramadan Hassanien M.F. (ed) Bioactive Phytochemicals from Vegetable Oil and Oilseed Processing By-products. Reference Series in Phytochemistry. Springer, Cham. https://doi.org/10.1007/978-3-030-63961-7_25-1
- **Fotirić Akšić, M.**; Lazarević, K.; Šegan, S.; Natić, M.; Tosti, T.; Ćirić, I.; Meland, M. (2021). Assessing the Fatty Acid, Carotenoid, and Tocopherol Compositions of Seeds from Apple Cultivars (*Malus domestica* Borkh.) Grown in Norway. *Foods*, 10, 1956. <https://doi.org/10.3390/foods10081956>
- Natić, M., Dabić Zagorac, D., Ćirić, I., Meland, M., Rabrenović, B., **Fotirić Akšić, M.** (2020). Cold pressed oils from genus *Prunus*. In: Cold Pressed Oils, Green Technology, Bioactive Compounds, Functionality, and Applications, Ed. Ramadan F.M., Academic Press, Elsevier, London, United Kingdom. <https://doi.org/10.1016/B978-0-12-818188-1.00056-6>
- Čolić S., Bakić, I., Dabić Zagorac, D., Natić, M., Smailagić, A., Pergal, M., Pešić, M., Milinčić, D., Rabrenović, B., **Fotirić Akšić, M.** 2021, Chemical Fingerprint and Kernel Quality Assessment in Different Grafting Combinations of Almond Under Stress Condition, *Scientia Horticulturae*, Volume 275, 109705, ISSN 0304-4238. <https://doi.org/10.1016/j.scienta.2020.109705>.
- Čolić S., Zec G., Natić M., **Fotirić-Akšić M.** 2019. Almond (*Prunus dulcis*) oil. In: Ramadan M. (eds) *Fruit Oils: Chemistry and Functionality*. Springer, Cham, pp 149-180.

More applicable:

- Coauthor of 5 newly introduced fruit cultivars (2 grape cultivars, 1 sour cherry, 1 sweet cherry and 1 apricot cultivar)
- Co-authorship of the technical solution for "Varietal composition of pollinators for national and introduced varieties of cherry (*Prunus avium* L.) in the fruit growing regions of the Republic of Serbia" verified by the Decision of the Parent Scientific Committee for Biotechnology and Agriculture of the Ministry of Education, Science and Technological Development of the RS, in 2018.
- Have two books, published by LAP Lambert Academic Publishing, Saarbrücken, Germany, and one text book 'Organic production of fruits and grapes'.