

Tanja S. Petrović, full professor



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Tanja Petrović (Scopus citations: 435, h-index 10) is a full professor at the University of Belgrade - Faculty of Agriculture, Institute of Food Technology and Biochemistry. She currently teaches at the undergraduate studies (courses: Principles of Food Preservation; Food Packaging), at the master academic studies (New Technologies in Food Packaging) and at the doctoral studies (Selected Chapters in the Technology of Ready-to-eat food). Her field of interest is the investigation of biodegradable polymers and sustainable food packaging as well as the impact of different preservation and encapsulation techniques on food quality. To date, she has published 132 scientific papers and conference proceedings, including 16 in leading international journals, 5 in national journals of international importance and 4 book chapters. As a researcher, she has been involved in 6 national and 6 bilateral and international projects. She has actively participated in the organisation of training workshops and industry panels on the introduction of innovations in the food industry. In 2016, she completed a scientific training on "Micro- and nano-encapsulation of bioactive compounds" at the Faculty of Pharmacy of the University of Strasbourg, France. In 2018, she taught 8 hours to the students of the Institute of Technology of Claude Bernard Lyon 1 University (France) on the topic Trends in Food Packaging as part of the Erasmus+ International Credits Mobility Project. She is a co-author of the National Innovation Strategy, Food Production and Processing, Serbia 2020 and the Strategic Research Innovation Agenda for Traditional Sweet Fruit.

WORK EXPERIENCE

- 2021 - Now - Full Professor, University of Beograd - Faculty of Agriculture.
- 2017 – 2021- Associate Professor, University of Beograd - Faculty of Agriculture.
- 2012-2017 - Assistant Professor, University of Beograd – Faculty of Agriculture.
- 2005-2012 - Assistant, University of Beograd – Faculty of Agriculture.
- 1999-2005 - Assistant lecturer, University of Beograd - Faculty of Agriculture.
- 1996-1998 - Scholarship of the Ministry of Science and Technology of the Republic of Serbia, Dep. of Technological Microbiology, University of Beograd - Faculty of Agriculture.

Master Thesis

Krnjaja, T. 2004. Isolation and molecular identification of mesophilic lactic acid bacteria from autochthonous biofermented products. Master's thesis, University of Belgrade - Faculty of Agriculture.

PhD Thesis

Petrović, T. 2011. Microencapsulation of potential probiotics by spray drying and their storage in different packaging. PhD Thesis, University of Belgrade - Faculty of Agriculture.

PROJECTS

- The project based on the agreement between the Ministry of Education, Science and Technological Development, Republic of Serbia and University of Belgrade-Faculty of Agriculture on realization and financing of scientific research (2022-Now) – Researcher.
- Rethinking Packaging for Circular and Sustainable Food Supply Chains of the Future CIRCUL-A-BILITY; COST Action CA 19124 (2020-2024) - Researcher.
- FP7 Project „TRAFOON, Traditional Food Network to improve the transfer of knowledge for innovation", Grant agreement No 613912, (2013-2016) - Participant in the project.
- FP7, SEE project „Improving the enabling environment and public awareness for innovation in the South- East-European food sector through transnational collaboration - CAPINFOOD, SEE/B/0027/1.3/X (2012-2014) - Participant in the project.
- Bilateral project Serbia-Slovenia BI-SL/10-11-035 „Efficacy of encapsulation of lactic acid bacteria on their survival and performance in food and gastrointestinal conditions“, (2010-2011) –Researcher.
- Joint Research Project IB7320-11097 „Bioencapsulation for protection and development of new probiotic bacteria in food and health products“, Scientific Cooperation between Eastern Europe and Switzerland (SCOPES) (2005-2009) – Researcher.

RELEVANT REFERENCES

- Petrović, T.S., Salević-Rajić, A.S., Popović, S.Z., Hromiš, N.M., Šuput, D.Z. 2025. Migration and safety issues in food packaging bionanocomposites. In: Functional nanomaterials and nanocomposites for biodegradable food packaging. Alle, M., Priyadarshi, R., Purohit, S.D. (Ed), Springer Nature Singapore Pte Ltd., pp:299-325. <https://link.springer.com/book/10.1007/978-981-97-9084-5>
- Pantović, A., Tomić, N., Petrović, T. Djekić, I. 2025. Sustainable perspectives of disposable tableware: A systematic review. Sustainability, 17(4), 1434; <https://doi.org/10.3390/su17041434>
- Djekic, I., Petrovic, T., Smigic, N., Udovicki, B. Tomic, N. 2024. Confronting various quality perspectives of paper straws-case study with generation Z. Applied Science 14(23), 11189; <https://doi.org/10.3390/app142311189>
- Petrović, T. 2023. Active and intelligent packaging of food - a new trend for the future. 3rd Black see association of Food Science and Technology Congress, Abstract Book, pp.61, 13-14 December, 2023. Belgrade, Serbia. (Plenary lecture).
- Stevanović, S.S., Petrović T.S., Marković, D.D., Milosavljević, U.M., Stevanović, S.V., Urošević, T.M., Kozarski, M.S. (2021): Changes of quality and free radical scavenging activity of strawberry and raspberry frozen under different conditions. Journal of Food Processing and Preservation. <https://doi.org/10.1111/jfpp.15981>