Name (father/mother name) and family name: Vesna (Veličko) Antić
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https://agrif.bg.ac.rs/sr-lat/fakultet/zaposleni/prof-dr-vesna-antic-208
Name and address of the Scientific institution: University of Belgrade – Faculty of Agriculture, Nemanjina 6, 11080 Belgrade-Zemun, Serbia

Prof. Vesna Antić – Curriculum vitae

Dr Vesna Antic has been a full professor of chemistry at the University of Belgrade-Faculty of Agriculture since January 21, 2015. After her doctoral dissertation on the synthesis and characterization of polymers at the Faculty of Chemistry, University of Belgrade, she continued her specialization in the field of polymers in the environment during several postdoctoral stays at the RWTH University, Germany. In addition to polymer research, Dr Antic also focuses on migrating toxic substances from packaging into food and the environment, such as toxic elements, hormone-disrupting chemicals, microplastics, as well as food chemistry in general. Dr Antic has recently started research in the field of the pyrolysis of waste biomass to obtain new energy sources and chemicals. So far, she has published about 60 papers in reputable scientific journals.

Date and place of birth: Jun 30, 1967, Pirot, Serbia.

Research field and area/areas: Polymer Chemistry, Food Packaging, Food Chemistry, Environmental Chemistry, Sustainable Development.

Education:

- 1991 - BSc in Chemistry, University of Belgrade - Faculty of Chemistry;
- 1993 - MSc in Chemistry, University of Belgrade - Faculty of Chemistry;
- 2003 - PhD in Chemistry, University of Belgrade - Faculty of Chemistry;
- 2007-2008 (6 months) and 2009-2010 (3 months) - postdoctoral specialization at the Institute of Geology and Geochemistry of Petroleum and Coal of RWTH, Aachen University (scholarship of the Ministry of Science and Education of Republic of Serbia);
- 2009 (1 month) - "Sapienza" Univeristy, Rome, Italy – scholarship of European Commission, Erasmus Mundus "Basileus" project;
- 2010 (2 months) – Masaryk University, Brno, Czech Republic - scholarship of European Commission, Erasmus Mundus "JoinEU" project;
- 2010 (3 months) and 2013 (3 months) - DAAD research fellowship for University Academics and Scientists, Institute of Geology and Geochemistry of Petroleum and Coal of RWTH Aachen University.

Time of appointment:

- 1991 - Junior Research Assistant - University of Belgrade - Institute of Chemistry, Technology and Metallurgy
- 1994 – Research Assistant - University of Belgrade - Institute of Chemistry, Technology and Metallurgy
- 1997 - Teaching Assistant - University of Belgrade-Faculty of Chemistry
- 2003 - Research Associate - University of Belgrade - Institute of Chemistry, Technology and Metallurgy

- 2007 - Senior Research Associate - University of Belgrade - Institute of Chemistry, Technology and Metallurgy
- 2009 - Associate Professor - University of Belgrade-Faculty of Agriculture
- **2015 - Full Professor** - University of Belgrade-Faculty of Agriculture (**21.01.2015.**)

Project history:

1) 2006–2010, "Synthesis and characterization of polymers and polymer (nano) composites of defined molecular and supramolecular structures", Project No. 142023 Serbian Ministry of Science, Education and Technological Development (participant, head of the topic related to synthesis of reactive siloxane prepolymers).

2) 2011–2019, "Synthesis and characterization of new functional polymers and polymer (nano) composites", Project No. 172062, Serbian Ministry of Science, Education and Technological Development (participant, head of the topic related to synthesis of thermoplastic siloxane-containing copolymers).

3) 2017-2018, Synthesis and characterization of biocompatible and biodegradable thermoplastic elastomers based on poly(l-lactide) and poly(dimethylsiloxane)**,** Project No. 0830914, Ministry of Science and Technology of the Republic of Srpska, Bosnia and Herzegovina (participant, head of the topic related to copolymer characterization).

4) 2019-2022, Development of new polymer additives for high-performance hybrid solar cells Project No. 1259010, Ministry of Science and Technology of the Republic of Srpska, Bosnia and Herzegovina (participant, head of the topic related to the physico-chemical characterization of additives).

5) 2020-2022, Synthesis and characterization of siloxane block copolymers with "self-healing" potential, Project No. 1259054, Ministry of Science and Technology of the Republic of Srpska, Bosnia and Herzegovina (participant, head of the topic related to siloxane block-copolymer characterization).

6) 2019-2022, "Determination of water-soluble synthetic polymers in waste and surface waters", DFG grant No. 422212533 (cooperation partner, head of the topic related to quantification of water-soluble polymers).

7) 2022-2023, "Cereal residues from the beer industry and wild edible plants as sustainable sources of additives for the production of biscuits with functional properties", the project leader, Ministry of Agriculture, Forestry and Water Management - Directorate for Agrarian Payments. (Principal Investigator-Project Leader).

8) 2021-2024, "Agricultural residues and plastic waste materials as a sustainable source of alternative fuels and valuable chemicals" (AGRIPLAST), the project leader from the Serbian side, Federal Ministry of Education and Research (BMBF), grant No. 01DS21008. (Principal Investigator-Project Leader from the Serbian side).

9) 2023-2034," Physico-chemical characterization of insulating plastic and possibilities of its use - circular approach to cable recycling", UNDP Circular Voucher for 2023 (participant responsible for chemical identification of waste plastics).

10) 2023-2024, "EcoCableRecycling: "Sustainable and efficient management of cable insulation plastic", UNDP grant No: 001363377/00127312/2023/21 (participant, head of the topic related to solving the problem of waste plastic).

11) 2023-2027, Cost Action CA22134 - Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop), participant from Serbia.

12) 2020-onwards, Institutional financing, Agreement on the realization and financing of scientific research work between the Ministry of Science, Technological Development and Innovation of the Republic of Serbia and the Faculty of Agriculture of the University of Belgrade, contract registration number: 451-03-47/2023-01/200116 (participant, head of the topic related to solving the problem of waste agricultural biomass).

Awards, prizes, etc.:

- 2001 - Award for outstanding young scientists, Serbian Ministry of Science
- 2003 - IUPAC Award for Best Poster at the 46th Conference of the Serbian Chemical Society
- 2009 – 1 month scholarship of European Commission, Erasmus Mundus "Basileus" project
- 2010 - 2 months scholarship of European Commission, Erasmus Mundus "JoinEU" project
- DAAD research fellowships for University Academics and Scientists in 2010 and 2013.

Reviewing scientific journals and grants:

- Reviewer in numerous international journals from SCI list: Journal of Analytical and Applied Pyrolysis, Environmental Chemistry Letters, Natural Hazards, Biological Trace Element Research, Macromolecules, European Polymer Journal, Journal of Applied Polymer Science, Journal of the Serbian Chemical Society etc.
- Reviewer of the National Accreditation Body of Serbia (NAT).
- Reviewer of Horizon Europe research projects.

International scientific collaboration and mobility:

- Michigan Molecular Institute**,** Midland, Michigan, USA, 1994-2010.
- Institute of Geology and Geochemistry of Petroleum and Coal, RWTH, Aachen, Germany, from 2007.
- Sapienza University, Rome, Italy, from 2009.
- Faculty of Technology, Brno University, Brno, Czech Republic, from 2010.
- Faculty of Natural Sciences and Mathematics, University of Banja Luka, Banja Luka, Bosnia and Hercegovina, from 2007.

From December 2020 – **Sub Editor in the Journal of the Serbian Chemical Society, Section Environmental Chemistry.**

Number of publications in peer-reviewed scientific journals: **60**

ORCID ID: **0000-0003-3283-0044**

Scopus: **719 citations, h-index 16**
Google Scholar: **979 citations, h-index = 20**