



Aleksandra A. Jovanović

Research associate

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Field of research

Extraction of biologically active compounds from plants, encapsulation of biologically active compounds, biological activities of extracts and encapsulates, food and cosmetic safety.

Education

PhD Thesis:

University of Belgrade, Faculty of Technology and Metallurgy, 2018
Optimization of the extraction process from *Thymus serpyllum* L. herb,
biological activities and encapsulation of extracts

BSc Thesis:

University of Belgrade, Faculty of Pharmacy, 2011
Chemical properties and importance of magnesium and iron compounds

Research and academic titles

2019 Research associate
2015-2019. Research assistant
2011-2015. Junior researcher

Employment history

Innovation center of the Faculty of Technology and Metallurgy, University
of Belgrade, Belgrade, Serbia from 2011-2022
Institute for the Application of Nuclear Energy INEP, University of
Belgrade, Belgrade, Serbia from 2022– until present

National and international projects

"Efficiency of the formulation based on sheep placental extract with
prolonged bioactivity and polyphenols as the active principle of cosmetic
anti-ageing products", Proof of Concept project within Serbia Accelerating
Innovation and Entrepreneurship Project – SAIGE, 2023, participant

"Cardio-protect, microcapsules with aronia in honey" (innovation project,
391-00-16/2017-16/31) Ministry of Education, Science and Technological
Development of Serbia, 2017-2018, participant

"Liposomes coated with biopolymers as new delivery systems for natural

phenolic components" bilateral project between the Republic of Serbia and the Republic of Slovenia, 2016-2017, participant

"Novel encapsulation and enzyme technologies for a design of new biocatalysts and biologically active compounds aiming at enhancement of food quality, safety and competitiveness" (III46010) Ministry of Education, Science and Technological Development of Serbia, 2011-2016, participant

Conference bodies

Member of the scientific Committee of the 8th International Congress "Engineering, Environment and Materials in Process Industry" EEM23 (Faculty of Technology Zvornik, University of East Sarajevo)

Member of the scientific Committee of the 2nd Global Meet on Food Science and Technology (GMFST2024)

Learned societies

Serbian Chemical Society