

## PERSONAL INFORMATION

Name and surname	Jovana Todorović
Date and place of birth	27.05.1998. Kraljevo
Scientific title	Junior Research Assistant
E-mail	jovana.todorovic@pmf.kg.ac.rs
Educational-scientific / educational-artistic field	Natural sciences
University, Faculty, Organizational unit	University of Kragujevac, Institute for Information Technologies Kragujevac, Department of Natural and Mathematical Sciences
Research field and areas	Biology-Mycology

## EDUCATION

### BACHELOR

Year	2017-2021
Place	Kragujevac
Institution	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology

### MASTER STUDIES

Year	2021-2022
Place	Kragujevac
Institution	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology

### DOCTORAL DISSERTATION

Year	2022-
Place	Kragujevac

Institution	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology
Title of doctoral dissertation	
Scientific title	Junior Research Assistant
Research area	Biology (Mycology)

**PROFESSIONAL BIOGRAPHY – ELECTION IN RESEARCH OR SCIENTIFIC TITLE**

Date	Institution	Scientific title
27.02.2023.	University of Kragujevac, Institute for Information Technologies	Junior Research Assistant

**PROFESSIONAL BIOGRAPHY - TRAINING**

Year	Institution	Duration

**ENGAGEMENT IN THE FORMATION OF SCIENTIFIC PERSONNEL**

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**PARTICIPATION IN NATIONAL PROJECTS FINANCED BY MINISTRY OF EDUCATION/MINISTRY OF SCIENCE AND TECHNOLOGICAL DEVELOPMENT/SCIENCE FUND OF THE REPUBLIC OF SERBIA:**

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**PARTICIPATION IN INTERNATIONAL PROJECTS**

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**MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL ASSOCIATIONS**

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**ORGANIZATION OF NATIONAL/INTERNATIONAL SCIENTIFIC MEETINGS (CONFERENCES, CONGRESSES...)**

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**LIST OF SCIENTIFIC PAPERS:**

<b>Monographs, Monographic studies, Thematic anthologies</b>	<b>Sum</b>
<b>Papers published in scientific journals of international scientific importance</b>	<b>Sum</b>
<b>Proceedings of international scientific conferences</b>	<b>Sum</b>
<b>Proceedings of national scientific conferences</b>	<b>Sum</b>
<b>Monographs of national importance</b>	<b>Sum</b>
<b>Scientific papers in national journals</b>	<b>Sum</b>
<b>Technical solutions</b>	<b>Sum</b>
<b>Patents</b>	<b>Sum</b>

## **CITATION OF SCIENTIFIC PAPERS**

## **BRIEF DESCRIPTION OF RESEARCH IN THE PREVIOUS PERIOD**

In the previous period, the focus of work in the Microbiology laboratory was on understanding the fundamental techniques used in fungi cell culture laboratory, as well as being familiar with the sterile working conditions in the laboratory. The research was based on treatments with mushroom extracts. Also, the antimicrobial and antioxidant activity of mushrooms were performed. As part of research in the previous period, she deals with the identification, content and quality of heavy metals in mushrooms.

## **BRIEF DESCRIPTION OF PLANNED RESEARCH IN THE NEXT PERIOD**

In the following period, field trips are planned to collect new and interesting species of fungi and lichens for further investigation of their various biological activities. In the context of laboratory research, a detailed examination of the effects of fungi and lichens on plant, animal, and human pathogenic bacteria and fungi is planned, as well as their impact on various human malignant cell lines. Additionally, their anti-hyperglycemic, antioxidant, and anti-neurodegenerative effects will be tested. Screening for antimicrobial, antioxidant, cytotoxic, anti-neurodegenerative, and anti-hyperglycemic activities will provide insight into the potential use of fungi and lichens in the control and prevention of various diseases.