

## CURRICULUM VITAE



**Name:** Ivica Dimkić

**Born:** 10<sup>th</sup> of August 1983, Gnjilane, Kosovo and Metohija, Serbia

### **Academic and professional career:**

2010 – Master in Molecular biology and Physiology, Module: Genetically engineering and Biotechnology, University of Belgrade - Faculty of Biology, Serbia. Thesis entitled "Establishing mechanisms of micronuclei under the influence of diazinon," was done at the Institute of Nuclear Sciences in Vinča.

2015 – PhD, Biology, Module: Microbiology, University of Belgrade - Faculty of Biology, Serbia. Title of defended doctoral dissertation “Characterization of antimicrobial substances from natural isolates of *Bacillus* sp. for application in biological control of plant pathogenic bacteria and fungi”, UDK No.: [[577.112.85:579.852.11]:579.264]:632.937(043.3).

### **Institution where working with status and address:**

2011 - 2012 – Research Trainee, Department of Microbiology

2012 - 2016 – Research Assistant, Department of Microbiology

2016 - 2019 – Research Associate, Department of Microbiology

2019 - Present – Research Associate Professor, Department of Biochemistry and Molecular Biology

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### **Teaching activities**

Since 2010 is involved in the practical part of the teaching on Undergraduate academic studies within the course Microbiology and Microbiological Practicum, then on Master academic studies within the course Methods in Microbiology, as well as on Postgraduate Specialist studies within the course Microbiology - a higher course at the Department of Microbiology, Faculty of Biology, University of Belgrade, and from 2011 through seminars in the Petnica Science Centre,

as a teaching assistant. Since 2020 is involved in teaching within the theoretical course Biochemistry and Physiology of Microorganisms on Ph.D. studies. So far, as a member of the Commission for review, assessment, and defense, is participated in the preparation of 5 Bachelor's, 10 Master's, and 5 Doctoral Theses, as well as in 1 Specialist's Thesis. As a mentor, is additionally involved in the preparation of 10 Master's and 2 Specialist's Theses. Currently is managed as a mentor of 3 Doctoral dissertations that are in progress.

#### **Other activities:**

- 2006 - present The main organizer and leader for the Faculty of Biology at international scientific and sports conferences for the students of life science,
- 2007 - present Founder and President of the Sports Society of Faculty of Biology,
- 2008 - 2010 Active and a regular member of the Faculty of Biology Student Parliament.

#### **Membership in scientific societies:**

- 2010 - Serbian Society for Microbiology
- 2022 - Member of the Board of Directors of the Serbian Society for Microbiology
- 2010 - Federation of European Microbiological Societies (FEMS)
- 2010 - Serbian Genetic Society
- 2010 - Serbian Biological Society
- 2012 - Plant Protection Society of Serbia
- 2019 - Serbian Society for Molecular Biology

#### **Projects leader:**

- 2018-2019 New approach: natural products as potential agents for the control of olive scab disease. Intergovernmental program of scientific and technological cooperation between Slovenia-Serbia joint project in Science and Technology.
- 2019-2020 Development of new generation of biological control agents and biofertilizers for sustainable agriculture, INTERREG ADRION OIS-AIR (Open Innovation System of the Adriatic-Ionian Region) proof of concept project, Project No.77.
- 2020-2022 New approaches for biocontrol of the novel group of plant tumorigenic agrobacteria discovered in Serbia and Germany, BIOCTA 6436066, Serbian Science Cooperation Program with the Diaspora: Knowledge Sharing Vouchers of the Science Fund of the Republic of Serbia.
- 2020-2023 Development of bacterial inoculants for biological control of plant pathogens, Collaborative Research Programme (CRP) – ICGEB Research Grants Programme, grant No.: CRP/SRB19-02.

#### **Projects participant:**

- 2011-2019 Molecular characterization of bacteria from genera *Bacillus* and *Pseudomonas* as potential agents for biological control. Fundamental research project – grant No.: 173026, Ministry of Education, Science and Technological Development of the Republic of Serbia.

- 2016-2018 *Arbutus unedo* L. as a natural approach for controlling urinary tract infections. Intergovernmental program of scientific and technological cooperation between Croatia-Serbia joint project in Science and Technology.
- 2020-2022 Novel biocides for cultural heritage of Southeast Europe – biocontrol and biomimetic systems for preservation of old masterpieces. Intergovernmental program of scientific and technological cooperation between Slovenia-Serbia joint project in Science and Technology, grant No.: BI-RS/20-21-013.
- 2020-2022 Promising natural alternatives for the cultural heritage safeguard: a force of nature (PROTECTA), Science Fund of the Republic of Serbia, Program for Excellent Projects of Young Researchers (PROMIS) 6066210
- 2021-2023 Anatomical, phytochemical and bioactivity investigation of selected *Artemisia* taxa from Serbia and Hungary - fundamental and applied approach. Intergovernmental program of scientific and technological cooperation between Hungary-Serbia joint project in Science and Technology.

**Projects leader – R&D services funded from external funds and industrial sector:**

- 2020 - 2020 *Hydrogels with synthesized lignin oligomers as antimicrobial substances and wound healing agents*, Technology transfer program 1075, Innovation Fund of the Republic of Serbia. Task - for the user University of Belgrade (dr Ksenija Radotić Hadži-Manić): Antibacterial and antibiofilm activity tests *in vitro*
- 2020 - 2020 *New antiviral agents*, Technology transfer program 1077, Innovation Fund of the Republic of Serbia. Task - for the user University of Belgrade (dr Uroš Anđelković): Antimicrobial activity testing
- 2020 - 2021 *Monitoring of bacterial communities during the main phenophases of maize growth by metagenomic approach*, FERTICO DOO, Nitrogenous Fertilizer Manufacturing Enterprise
- 2021 - 2021 *Metabarcoding analysis of bacterial communities in biofertilizer samples*, Project ID 868, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company A.W.S. Impex d.o.o. Belgrade.
- 2021 - 2021 *In situ and in planta assays with biocontrol and biofertilizers products*, Project ID 1006, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company A.W.S. Impex d.o.o. Belgrade.
- 2021 - 2021 *Analysis of the effects of the treatment with non-aggressive disinfectants on microbial diversity*, Project ID 1039, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company Bike Zone, Belgrade.
- 2021 - 2021 *Natural, non-alcoholic propolis extracts for the prevention of upper-respiratory-tract infections and immune system boost in children*, Project ID 5699, Proof of Concept, Innovation Fund of the Republic of Serbia. Task - for the user University of Belgrade - Faculty of Chemistry (dr Petar Ristivojević): Biological activity (antimicrobial and immunomodulatory activities).
- 2021 - 2023 *Development and application of new agricultural products based on bacterial endophytic and epiphytic inoculants, biofertilizers and biocontrol agents in*

- sustainable agriculture*, FERTICO D.O.O., Nitrogenous Fertilizer Manufacturing Enterprise, [Contract No.: 749/1-23.06.2021]
- 2021 - 2022 *Smart Bio Fertilizer*, Mini Grants Program, Project ID 2522, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade
- 2023 - 2023 *Metabarcoding analysis of the microbiome in Terra bedding samples*, Project ID 1254, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company MIVAKA DOO, Belgrade, Serbia.
- 2023 - 2023 *Effects of Torochick product on soil health and autochthonous microbiome*, Project ID 1255, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company MIVAKA DOO, Belgrade, Serbia.
- 2023 - 2024 *Smart Bio Fertilizer forward*, Project for the promotion of innovation and technological development in Serbia - StarTech in organization of the National Alliance for Local Economic Development (NALED) funded by Philip Morris Operations A.D. Niš

#### **Projects participant – R&D services funded from external funds and industrial sector:**

- 2023 - 2023 *Effects of smart compost on soil health and the native microbiome*, Project ID 1239, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company BioCombact DOO, Belgrade, Serbia.
- 2023 - 2023 *Bacillus strains in organic waste pretreatment and effects on microbiota*, Project ID 1240, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company BioCombact DOO, Belgrade, Serbia.
- 2023 - 2023 *The influence of biostimulating biofertilizers on soil bacteriobiota*, Project ID 1400, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company NUTRI-PLAN DOO, Belgrade, Serbia.
- 2023 - 2023 *The influence of biostimulants on the microbial composition of seeds of certain crops*, Project ID 1401, Innovation Fund of the Republic of Serbia, Science Technology Park Belgrade and company NUTRI-PLAN DOO, Belgrade, Serbia.

#### **Technological expertise:**

- 2021 - 2023 Engaged as technology expert in reviewing the specific needs of registered startups, pre-seed participants and users within the Raising Starts program on the project "Technopark Serbia 2 - encouraging exports through the development of technology parks", S-03/2021.

#### **Startup Co-founder and CEO:**

- 2021 - BioCombact DOO (VAT: 112752780) - R&D Company for the production of the smart compost systems

#### **Awards, Certificates and Courses:**

1. 2008, Certificate for completed course for Fluorescent *in situ* hybridization (FISH), Institute of Nuclear Sciences, Vinča.
2. 2014, Certificate for the first place in the Second Symposium of Quality Milk - SQL - UNESP Jaboticabal - São Paulo, Brazil. Troncarelli, M. Z., Langoni, H., de Mello

- Brandão, H., **Dimkić, I.**, Stanković, S., Ribeiro, A. R., Stability and *in vitro* antimicrobial efficacy of a nanopropolis formulation intended for intramammary treatment of bovine mastitis.
3. 2015, Grant winner FEMS (FEMS Congress Grants for Young Scientists) for participation at the 6<sup>th</sup> Congress of European Microbiologists, in Maastricht, the Netherlands.
  4. 2017, Grant winner FEMS (FEMS Congress Grants for Young Scientists) for participation at the 7<sup>th</sup> Congress of European Microbiologists, in Valencia, the Spain.
  5. 2017, Certificate for the best paper for young scientist in the school year 2016/2017 at the Faculty of Biology University of Belgrade. **Dimkić, I.**, Stanković, S., Nišavić, M., Petković, M., Ristivojević, P., Fira, Dj., Berić, T., 2017. The profile and antimicrobial activity of *Bacillus* lipopeptide extracts of five potential biocontrol strains. *Frontiers in Microbiology*, 8, 925.
  6. 2017, Grant winner (Grant for Young Scientists) for participation at the 10<sup>th</sup> Balkan Congress of Microbiology – Microbiologia Balkanica 2017, in Sofia, Republic of Bulgaria.
  7. 2017, Grant winner of training course entitled "Training on project design, proposal development and project management for the EU Horizon 2020 programme" organized by the Center for the Promotion of Science and the European Training Academy (EUTA), Belgrade, Serbia
  8. 2018, Grant winner of training school "Bioinformatics for Quantitative Genomics" under COST Action BM1406, Madrid, Spain.
  9. 2018, Participant in the course "Translational aspects of plant microbiome research" organized by International Center for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy.
  10. 2019, Grant winner FEMS (FEMS Congress Grants for Young Scientists) for participation at the 8<sup>th</sup> Congress of European Microbiologists, in Glasgow, Scotland, UK.
  11. 2019, FEMS Grant winner (FEMS Grants for Early Career Scientists) for postdoctoral internship.
  12. 2020, Arturo Falaschi ICGEB Fellowship Grant winner (International Centre for Genetic Engineering and Biotechnology - ICGEB) for postdoctoral internship.
  13. 2022, Granted participant for the "Risk Assessment of Microorganisms used as Pesticides or Biocides" Workshop regarding the implementation of EU regulations and laws related to the registration of products and microbial strains within the EU initiative "Better Training for Safer Food", Riga, Latvia.

### **Study visits:**

#### **February – March 2016**

Institute of Nutritional Science, Department of Food Science, Justus Liebig University in Giessen, Germany. Joint research study focused on the "Improvement of a high-performance thin-layer chromatography method and its use for lipopeptide separation".

#### **April 2017 and May 2018**

Faculty of Medicine, University of Rijeka, Department of Microbiology and Parasitology, Croatia. Experimental work on a joint bilateral project "*Arbutus unedo* L. - a natural approach to controlling urinary tract infection".

**October 2018 – March 2019**

International Centre for Genetic Engineering and Biotechnology (ICGEB), Bacteriology group, Trieste, Italy. Project entitled "Development of bacterial endophytes inoculants for agriculture, with beneficial properties on plant growth and crop protection".

**October – December 2019**

International Centre for Genetic Engineering and Biotechnology (ICGEB), Bacteriology group, Trieste, Italy. Project entitled "Development of microbial inoculants, biofertilizers and biocontrol agents, based on crop-associated bacterial endophytes".

**June – August 2021 and October 2021 – January 2022**

International Centre for Genetic Engineering and Biotechnology (ICGEB), Bacteriology group, Trieste, Italy. Project entitled "Development of microbial inoculants and biofertilizers, based on tomato and zucchini seed-associated bacterial endophytes".

**Lectures in other institutions:**

**High efficient thin-layer chromatography (HPTLC) with bioautography**, Faculty of Medicine, Department of Microbiology and Parasitology, 20.09.2016., Rijeka, Croatia.

**The application of molecular methods in microbiology**, International school of molecular biology, 5.10.2016., Petnica Science Center, Serbia.

***Bacillus* spp. isolates - the bright future of biological control**, Institute for Epidemiology and Plant Diagnostics, Julius Kühn-Institut, 1.11.2017, Braunschweig, Germany.

**Development of microbial inoculants, biofertilizers and biocontrol agents, based on crop-associated bacterial endophytes**, 24th ICGEB Annual Symposium, International Centre for Genetic Engineering and Biotechnology (ICGEB), 20.06.2019., Trieste, Italy.

**Research & Development within crop protection system based on beneficial microorganisms**, Scientific and Professional meeting, University of Belgrade - Faculty of Biology, 20.10.2021., Belgrade, Serbia.

**Biological control approach in sustainable bioconservation of cultural heritage**, Public Institute of the Republic of Slovenia for the Protection of Cultural Heritage (IPCHS) and the Center for Conservation, 28.10.2021, Ljubljana, Slovenia.

**Development of the crop protection systems for sustainable agriculture based on beneficial microorganisms**, Institute for Plant Protection in Horticulture and Forests, Julius Kühn-Institut (JKI) Federal Research Centre for Cultivated Plants, 18.05.2022, Braunschweig, Germany.

**Bioconservation of cultural heritage by biological control approach**, Workshop "Biology in conservation" within PROTECTA project funded by Science Fund of the Republic of Serbia, Program for Excellent Projects of Young Researchers (PROMIS 6066210), Archaeological park Viminacijum, 26.05.2022, Kostolac, Serbia.

**Beneficial Microorganisms in Agriculture - New generation of biological control agents and biofertilizers for sustainable agriculture**, FEMS Conference on Microbiology in

association with Serbian Society of Microbiology, 30.06.2022, Belgrade, Serbia (invited speaker).

**Microbiota of the limestone substrate of the Mitrej monument (Rožanec, Slovenia) and the potential of sel, Jahorinaelected bacteria in biocontrol of biodeteriogenic fungi and New trends in sustainable agriculture practice, including charcoal production development and use**, Innorenew Coe, 18.07.2022, Izola, Slovenia.

**Bioinoculants in sustainable agriculture – the influence on maize characteristics and phytobiome**, XIII International Scientific Agriculture Symposium “AGROSYM 2022”, 07.10.2022, Jahorina, Bosnia and Herzegovina.

**New trends in sustainable agriculture practice**, Institut za kukuruz “Zemun Polje”, 17.10.2022, Belgrade, Serbia.

**Microbial solutions for sustainable agriculture**, WEEK OF MICROBIAL TECHNOLOGIES, SurfBio Industrial Workshop, 08.11.2022. Ljubljana, Slovenia (Invited speaker)

**Microbial biotechnology in sustainable agriculture research**, University of Florence - Department of Biology, 11.11.2022, Florence, Italy.

**Microbial biotechnology group - future and perspectives**, Institute of Lowland Forestry and Environment, 23.03.2023, Novi Sad, Serbia.

**Sustainable trends in microbial biotechnology**, University of Pristina with temporary headquarters in Kosovska Mitrovica, Faculty of Science, 03.04.2023, Kosovska Mitrovica, Kosovo and Metohija.

**Differential abundance analysis of "core" bacteriobiota during key growth stages of maize**. Power of Microbes in Industry and Environment 2023, 17.05.2023, Poreč, Croatia.

### **Reviewing in international databases (ISSN):**

African Journal of Plant Science (1996-0824); Archives of Agronomy and Soil Science (0365-0340); Archives of Biological Sciences (0354-4664); Archives of Industrial Hygiene and Toxicology (0004-1254); Biomed Research International (2314-6133); BMC Microbiology (1471-2180); Botanica Serbica (1821-2158); Calsdasia (0366-5232); Diversity (1424-2818); Environmental Engineering and Management Journal (1582-9596); Environmental Science and Pollution Research (0944-1344); Environmental Technology and Innovation (2352-1864); Frontiers in Microbiology - Review Editor for Microbe and Virus Interactions with Plants (1664-302X); Genetika (0534-0012); International Journal of Environmental Health Research (0960-3123); International Journal of Molecular Sciences (1422-0067); Journal of Agricultural Science and Technology (1680-7073); Journal of Apicultural Research (0021-8839); Journal of Biotechnology (0168-1656); Journal of Cultural Heritage (1296-2074); Letters in Applied Microbiology (0266-8254); Microbial Drug Resistance (1076-6294); Microbial Pathogenesis (0882-4010); Microorganisms (2076-2607); Molecules (1420-3049); PlosOne (1932-6203); Revista Brasileira de Farmacognosia (0102-695X); Rice Science (1672-6308); Sustainability (2071-1050); Veterinary Research Communication (0165-7380).

### **Reviewing for international projects:**

- ICGEB Research Grants Programme 2020, Collaborative Research Programme (CRP), Proposal No.: CRP/URY20-01. Characterization of novel candidate genes encoding  $\beta$ -lactamases, identified in environmental metagenomes obtained from Antarctic microbial communities.

- ICGEB Research Grants Programme 2020, Collaborative Research Programme (CRP), Proposal No.: CRP/ZAF20-03. Towards developing rhizobacteria (PGPR) as inoculants in maize production under different abiotic stress conditions.
- National Science Centre Poland, OPUS-20 funding schemes, Proposal for funding of a research project 2020/39/BNZ7/02901. Propolis and polyphenols derived from this product as potential antifungal agents.
- National Science Centre Poland, OPUS-21 funding schemes, Proposal for funding of a research project 2021/41/B/NZ9/03929. Biotechnological and pharmacological potential of bee products microbiota.
- ICGEB Research Grants Programme 2022, Collaborative Research Programme (CRP), Proposal No.: CRP/BGD22-02\_EC. Pathobiome analysis for deeper understanding of eggplant wilt complex towards devising microbiome-based novel and durable biocontrol solution.

### **Membership in scientific and organizational committees of scientific meetings:**

- A member of the organizing committee of the VI International Congress of the Serbian Genetic Society, held in October 2019.
- A member of the Core Scientific Committee for the FEMS Conference on Microbiology in association with Serbian Society of Microbiology, 30<sup>th</sup> June - 2<sup>nd</sup> July 2022 in Belgrade, Serbia, as a representative of Early Career Scientists, within the organization of the Federation of European Microbiological Societies (FEMS).
- Dr Ivica Dimkić chaired a sessions on Environmental Microbiology 1, Environmental Microbiology 2, and Plant Microbiology, on FEMS Conference on Microbiology in Belgrade in association with Serbian Society of Microbiology, Serbia.
- A member of the Programme Committee for the 10<sup>th</sup> Congress of European Microbiologists (FEMS 2023), 9 – 13 July 2023 in Hamburg, Germany, as a representative of Early Career Scientists, within the organization of the Federation of European Microbiological Societies (FEMS).
- A member of the organizing committee of *UMS Series '23 - Emerging infectious diseases: Are we ready for new evolutionary challenges?* - Congress of Serbian Society for Microbiology, 30.03 - 01.04.2023., Belgrade, Serbia.

### **Scientific organiser of meetings and courses:**

ICGEB Workshop "*Trends in microbial solutions for sustainable agriculture*", Grant No.W/SRB23-01, ICGEB Meetings and Courses Programme 2023, 13-15 September 2023, Belgrade, Serbia.

### **Membership in working groups**

Member of the Working Group for Resolving the Status of Faculty Researchers, Ministry of Science, Technological Development and Innovation, Decision No: 119-01-56/2022-01\_14.12.2022

Member of the Working Group for Promoting Innovative Entrepreneurship and



Regulating the System Framework for Technology Transfer in Scientific Research Institutions, Ministry of Science, Technological Development and Innovation, Decision No: 119-01-92/2023-04.

### **Editorial and publishing activity**

Editor-in-chief of the journal Microbiology (Mikrobiologija), ISSN: 0581-1538, based on the decision of the Board of Directors of the Serbian Society for Microbiology, Decision No: 13/22\_17.12.2022.

### **List of publications:**

#### **Book chapters**

- 1) Ristivojević, P., Janakiev, T., Stević, T., Trifković, J., Andrić, F., **Dimkić, I.**, 2022. *Authenticity Assessment of European Propolis – Chemical and Antimicrobial Properties*. In: A Literature Review on the Benefits of Propolis, (Ed.) Martin, E.G., pp. 1-60, Nova Science Publisher, Inc., NY, USA.

#### **Scientific publications with impact factor (SCI)**

##### **2012**

- 1) Stanković, S., Mihajlović, S., Draganić, V., **Dimkić, I.**, Vukotić, G., Berić, T., Fira, Đ., 2012. Screening for the presence of biosynthetic genes for antimicrobial lipopeptides in natural isolates of *Bacillus* sp. Archives of Biological Science, 64(4), 1425-1432. (**Biology: 60/82; IF<sub>2012</sub>=0.791**)

##### **2013**

- 2) **Dimkić, I.**, Živković, S., Berić, T., Ivanović, Ž., Gavrilović, V., Stanković, S., Fira, Dj., 2013. Characterization and evaluation of two *Bacillus* strains, SS-12.6 and SS-13.1, as potential agents for the control of phytopathogenic bacteria and fungi. Biological Control 65, 312-321. (**Entomology: 11/86; IF<sub>2011</sub>=2.003**)

##### **2014**

- 3) Stević, T., Berić, T., Šavikin, K., Soković, M., Gođevac, D., **Dimkić, I.**, Stanković, S., 2014. Antifungal activity of selected essential oils against fungi isolated from medicinal plant. Industrial Crops and Products 55, 116–122. (**Agronomy: 6/79; IF<sub>2013</sub>=3.208**)

##### **2015**

- 4) **Dimkić, I.**, Berić, T., Stević, T., Pavlović, S., Šavikin, K., Fira, D., Stanković, S., 2015. Additive and synergistic effects of *Bacillus* spp. isolates and essential oils on the control of phytopathogenic and saprophytic fungi from medicinal plants and marigold seeds. Biological Control 87, 6-13. (**Entomology: 11/86; IF<sub>2015</sub>=2.012**)

##### **2016**

- 5) Ristivojević, P., **Dimkić, I.**, Trifković, J., Berić, T., Vovk, I., Milojković-Opšena, D., Stanković, S., 2016. Antimicrobial activity of Serbian propolis evaluated by means of MIC, HPTLC, bioautography and chemometrics. PLoS ONE 11(6): e0157097. (**Multidisciplinary Sciences: 9/57; IF<sub>2014</sub>=3.234**)
- 6) Stanojević, O., Milijašević-Marčić, S., Potočnik, I., Stepanović, M., **Dimkić, I.**, Stanković, S., Berić, T., 2016. Isolation and identification of *Bacillus* spp. from compost material, compost and mushroom

casing soil active against *Trichoderma* spp. Archives of Biological Science, 68(4):845-852. doi:10.2298/ABS151104073S. (**Biology: 68/85; IF<sub>2014</sub>=0.718**)

- 7) Savković, Ž., Unković, N., Stupar, M., Franković, M., Jovanović, M., Erić, S., Šarić, K., Stanković, S., **Dimkić, I.**, Vukojević, J., Ljaljević Grbić, M., 2016. Diversity and biodeteriorative potential of fungal dwellers on ancient stone stela. International Biodeterioration and Biodegradation, 115, 212-223. (**Biotechnology and Applied Microbiology: 52/160; IF<sub>2016</sub>=2.962**)
- 8) **Dimkić, I.**, Ristivojević, P., Janakiev, T., Berić, T., Trifković, J., Milojković-Opsenica, D., Stanković, S., 2016. Phenolic profiles and antimicrobial activity of various plant resins and determination of botanical origin of Serbian propolis, Industrial Crops and Products, 94, 856-871. (**Agronomy: 6/83; IF<sub>2015</sub>=3.449**)
- 9) Stanković, S., **Dimkić, I.**, Vujisić, Lj., Pavković-Lučić, S., Jovanović, Z., Stević, T., Sofrenić, I., Mitić, B., Tomić, V., 2016. Chemical defence in a millipede: evaluation and characterization of antimicrobial activity of the defensive secretion from *Pachyiulus hungaricus* (Karsch, 1881) (Diplopoda, Julida, Julidae). PLoS ONE, 11(12), p.e0167249. (**Multidisciplinary Sciences: 9/57; IF<sub>2014</sub>=3.234**)

## 2017

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- 10) Unković, N., Erić, S., Šarić, K., Stupar, M., Savković, Ž., Stanković, S., Stanojević, O., **Dimkić, I.**, Vukojević, J., Grbić, M.L., 2017. Biogenesis of secondary mycogenic minerals related to wall paintings deterioration process. Micron, 100, 1-9. (**Microscopy: 3/10; IF<sub>2016</sub>=1.980**)
- 11) **Dimkić, I.**, Stanković, S., Nišavić, M., Petković, M., Ristivojević, P., Fira, Dj., Berić, T., 2017. The profile and antimicrobial activity of *Bacillus* lipopeptide extracts of five potential biocontrol strains. Frontiers in Microbiology, 8, 925. (**Microbiology: 23/123; IF<sub>2015</sub>=4.165**)
- 12) Waisi, H., Janković, B., Janković, M., Nikolić, B., **Dimkić, I.**, Lalević, B., Raičević, V., 2017. New insights in dehydration stress behavior of two maize hybrids using advanced distributed reactivity model (DRM). Responses to the impact of 24-epibrassinolide. PLoS ONE, 12(6): e0179650. (**Multidisciplinary Sciences: 11/62; IF<sub>2015</sub>=3.057**)
- 13) Popović, T., Jelušić, A., Milovanović, P., Janjatović, S., Budnar, M., **Dimkić, I.**, Stanković, S., 2017. First report of *Pectobacterium atrosepticum*, causing bacterial soft rot on calla lily in Serbia. Plant Disease, 101 (12), 2145-2146. (**Plant Sciences: 33/209; IF<sub>2015</sub>=3.192**)
- 14) Draganić, V., Lozo, J., Biočanin, M., **Dimkić, I.**, Garalejić, E., Fira, Dj., Stanković, S., Berić, T., 2017. Genotyping of *Bacillus* spp. isolate collection from natural samples. Genetika, 49(2), 445-456. (**Agronomy: 77/87; IF<sub>2017</sub>=0.392**)

## 2018

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- 15) Unković, N., **Dimkić, I.**, Stupar, M., Stanković, S., Vukojević, J., Ljaljević Grbić, M., 2018. Biodegradative potential of fungal isolates from sacral ambient: *In vitro* study as risk assessment implication for the conservation of wall paintings. PLoS ONE 13(1): e0190922. (**Multidisciplinary Sciences: 15/63; IF<sub>2016</sub>=2.806**)
- 16) Nikolić, I., Stanković, S., **Dimkić, I.**, Berić, T., Stojšin, V., Janse, J., Popović, T., 2018. Genetic diversity and pathogenicity of *Pseudomonas syringae* pv. *aptata* isolated from sugar beet. Plant Pathology, 67(5), 1194-1207. (**Plant Sciences: 56/212; IF<sub>2016</sub>=2.425**)

- 17) Ljaljević Grbić, M., Unković, N., **Dimkić, I.**, Janačković, P., Gavrilović, M., Stanojević, O., Stupar, M., Vujisić, Lj., Jelikić, A., Stanković, S., Vukojević, J., 2018. Frankincense and Myrrh essential oils and burn incense fume against micro-inhabitants of sacral ambients. Wisdom of the ancients? Journal of Ethnopharmacology, 219, 1-14. (*Integrative and Complementary Medicine: 4/27; IF<sub>2017</sub>=3.115*)
- 18) Ristivojević, P., **Dimkić, I.**, Guzelmeric, E., Trifković, J., Knežević, M., Berić, T., Yesilada, E., Milojković-Opsenica, D., Stanković, S., 2018. Profiling of Turkish propolis subtypes: Comparative evaluation of their phytochemical compositions, antioxidant and antimicrobial activities. LWT - Food Science and Technology, 95, 367-379. (*Food Science and Technology: 24/133; IF<sub>2017</sub>=3.129*)
- 19) Berić, T., Biočanin, M., Stanković, S., **Dimkić, I.**, Janakiev, T., Fira, Đ., Lozo, J., 2018. Identification and antibiotic resistance of *Bacillus* spp. isolates from natural samples. Archives of Biological Sciences, 70(3), 581-588. (*Biology: 72/85; IF<sub>2017</sub>=0.648*)
- 20) Ilić, B., **Dimkić, I.**, Unković, N., Ljaljević Grbić, M., Vukojević, J., Vujisić, Lj., Tešević, V., Stanković, S., Makarov, S., Lučić, L., 2018. Millipedes vs. pathogens: defensive secretions of some julids (Diplopoda: Julida) as potential antimicrobial agents. Journal of Applied Entomology, 142 (8), 775-791. (*Entomology: 27/93; IF<sub>2016</sub>=1.641*)
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- 2) Berić, T., **Dimkić, I.**, Stanković, S., 2017. Plum (*Prunus domestica* L.) microbiome and the potential of selected isolates for biocontrol of plum pathogens. The 11th Congress of Serbian microbiologists with international participation, MICROMED 2017, Belgrade, Serbia, Abstract Book, 35.
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- 5) **Dimkić, I.**, 2021. A new insight into *Bacillus* lipopeptides in terms of cytotoxic, genotoxic, and embryotoxic potential in correlation with synthetic pollutants. The 6<sup>th</sup> Croatian Congress of Toxicology with International Participation, CROTOX 2021, Rabac, Croatia, 3 to 6 October 2021. INVITED LECTURERS - Emerging approaches in toxicology, Book of Abstracts, Archives of Industrial Hygiene and Toxicology 2021, 72(Suppl. 1), pp. 18.
- 6) **Dimkić, I.**, 2022. Beneficial Microorganisms in Agriculture - New generation of biological control agents and biofertilizers for sustainable agriculture, FEMS Conference on Microbiology in association with Serbian Society of Microbiology, Belgrade, Serbia, Lecture 2, Session 4, pp. 11.

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