



## Natalija Velić

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**Work:** Faculty of Food Technology Osijek, J. J. Strossmayer University of Osijek Kuhačeva 18, 3  
1000 Osijek (Croatia)

### WORK EXPERIENCE

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#### Full professor

*Faculty of Food Technology Osijek, J.J. Strossmayer University of Osijek* [ 2022 – Current ]

City: Osijek | Country: Croatia

Modules taught: undergraduate study programme *Food Technology* (Basics of biotechnology), graduate study programme *Food Engineering* (Biotechnological food production), Graduate study programme *Process Engineering* (Basics of bioprocess engineering, Bioprocesses in environmental protection, Wastewater treatment processes)

Postgraduate study programme *Food Technology and Nutrition* (Food industry waste management); interdisciplinary postgraduate study programme *Environment Protection and Nature Conservation* (Fundamentals of environment protection and nature conservation)

#### Associate professor

*Faculty of Food Technology Osijek, J.J. Strossmayer University of Osijek* [ 2017 – 2022 ]

City: Osijek | Country: Croatia

#### Assistant professor

*Faculty of Food Technology Osijek, J.J. Strossmayer University of Osijek* [ 2011 – 2017 ]

City: Osijek | Country: Croatia

#### Senior assistant

*Faculty of Food Technology Osijek, J.J. Strossmayer University of Osijek* [ 2010 – 2011 ]

City: Osijek | Country: Croatia

#### Assistant

*Faculty of Food Technology Osijek, J.J. Strossmayer University of Osijek* [ 2000 – 2010 ]

City: Osijek | Country: Croatia

### EDUCATION AND TRAINING

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#### Ph.D. in the scientific area of Biotechnical sciences, scientific field of Biotechnology

*Faculty of Food Technology and Biotechnology, University of Zagreb* [ 22/11/2010 ]

City: Zagreb | Country: Croatia | Website: <http://www.pbf.unizg.hr/> | Field(s) of study: Biotechnical sciences, Biotechnology | Level in EQF: EQF level 8 | Thesis: Novel nitrous oxide sensor development and application in denitrification monitoring

#### BSc in Food Technology (Biochemical Engineering)

*Faculty of Food Technology and Biotechnology, University of Zagreb* [ 17/12/1998 ]

City: Zagreb | Country: Croatia | Website: <http://www.pbf.unizg.hr/> | Level in EQF: EQF level 7



### **Online Course on Solid Waste Management**

*IHE Delft, Institute for Water Education under the auspices of UNESCO* [ 05/09/2022 – 13/01/2023 ]

City: Delft | Country: Netherlands | Website: <https://www.un-ihe.org/>

### **Pedagogical-psychological and didactic-methodological training**

*Faculty of Education, J. J. Strossmayer University of Osijek* [ 02/2011 – 05/2011 ]

City: Osijek | Country: Croatia

### **Advanced Course on Biotechnology and Intellectual Property**

*WIPO Worldwide Academy* [ 03/04/2008 – 12/06/2008 ]

Website: <https://www.wipo.int/portal/en/index.html>

### **CEEPUS intensive course «Wine technology and biotechnology – tradition and innovation in Hungarian wine making»,**

*Szent István University, Faculty of Food Science, Budapest, Hungary* [ 22/04/2001 – 28/04/2001 ]

City: Budimpešta | Country: Hungary

### **University Course in Leadership and Developmental Youthwork**

*University of Jonköping, Sweden / PRONI Institute of Social Education, Osijek* [ 1999 – 2000 ]

### **Teaching mobility CEEPUS**

*University of Pecs, Faculty of Pharmacy, Department of Pharmaceutical Biotechnology* [ 27/11/2023 – 01/12/2023 ]

City: Pecs | Country: Hungary

### **Teaching mobility CEEPUS**

*University of Pecs, Faculty of Pharmacy, Department of Pharmaceutical Biotechnology* [ 14/11/2022 – 19/11/2022 ]

City: Pecs | Country: Hungary

### **Professional training ERASMUS+ programme**

*University of Pecs, Faculty of Pharmacy, Department of Pharmaceutical Biotechnology* [ 19/04/2022 – 22/04/2022 ]

City: Pecs | Country: Hungary

### **Professional training ERASMUS+ programme**

*University of Natural Resources and Life Sciences (BOKU), Institute of Food Technology* [ 20/06/2016 – 01/07/2016 ]

City: Beč | Country: Austria

### **Professional training ERASMUS+ programme**

*Jožef Stefan International Postgraduate School* [ 24/08/2015 – 03/09/2015 ]

City: Ljubljana | Country: Slovenia

### **Workshop: Education and exchange of experiences of WWTP employees,**

*Training and Competence Centre - Progressing together (TCC Danubius), HDZV, GWP* [ 27/03/2014 – 28/03/2014 ]

City: Našice | Country: Croatia

### **Professional training CEEPUS**

*Department of Food Engineering, Szent István University, Faculty of Food Science, Budapest* [ 06/2001 ]

City: Budapest | Country: Hungary

### **Professional training CEEPUS**

*Department of Food Engineering, Szent István University, Faculty of Food Science, Budapest* [ 06/2001 ]

City: Budapest | Country: Hungary

## **LANGUAGE SKILLS**

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**Mother tongue(s):** hrvatski



**Other language(s):**

**engleski**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

**talijanski**

**LISTENING B1 READING B1 WRITING A2**

**SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

**DIGITAL SKILLS**

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MS Office (Word Excel PowerPoint) / Windows / Internet / Social Media including Facebook , WhatsApp and Twitter / Video Conferencing (Zoom, Teams, Skype, Webex) - Advanced

**COMMUNICATION AND INTERPERSONAL SKILLS**

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**Communication skills** Excellent communication skills have been developed through extensive experience in various teaching roles and participation in numerous projects.

**MANAGEMENT AND LEADERSHIP SKILLS**

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**Management/leadership**

- 6/2023 - today: head of the interdisciplinary doctoral study Nature and environment protection
- head of the Department for Process Engineering, Faculty of Food Technology Osijek
- president of the Sub-Department of Bioprocess Engineering, Faculty of Food Technology Osijek

**PROJECTS**

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**Projects funded by the Croatian scientific foundation and Croatian Ministry of Science and Education**

- Immobilization of Lipases on Functionalised Carriers Produced from Selected Agro-Food Industrial Waste (2021 – 2025)
- 291-058-000-0169 "Chemical sensors for Biomedical, Food and Environmental applications", collaborator (2007. – 2014.)
- 113-1780691-0538 "Improvement of food safety in production and processing of cereals"; collaborator (2007.-2014.)
- 113009: "Arsenic in drinking water of Eastern Croatia", collaborator (2002.-2006.)

**Other national projects:**

- "Development and standardisation of organic blackberry wine production", collaborator (2012. – 2014.)
- TP 01/01113-03 "Research on malting methods of domestic wheat varieties", collaborator (2001. - 2004.)

**EU projects:**

- Reducing Food Waste and Rescue Surplus Food Supplies – ReS-Food (2022.-2024.), ERASMUS+, Action type: KA220-VET - Cooperation partnerships in vocational education and training
- EDUcation for CLimate Change mitigation in the municipal solid waste sector – EDU-CLIC (2021.-2024.), EUKI (a project financing instrument by the German Federal Ministry for Economic Affairs and Climate Action – BMWK)
- Development of a lifelong learning program in the field of Food technology, Biotechnology and Nutrition by implementation of the Croatian Qualifications Framework (UP.03.1.1.03.0051), The European Social Fund, 2019-2022 (working group member)
- Development and the establishment of an interdisciplinary graduate study programme "Biotechnology" in English, The European Social Fund (ESF), Operational Program "Effective Human Resources 2014-2020" (working group member)

**PUBLICATIONS**

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**CRORIS / Google Scholar** <https://www.croris.hr/osobe/profil/4154?lang=en#>



<https://scholar.google.com/citations?user=02CJeVYAAAAJ&hl=hr>

## NETWORKS AND MEMBERSHIPS

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### članstva

- European Federation of Biotechnology (EFB)
- European Biotechnology Thematic Network Association (EBTNA)
- Croatian Society of Biotechnology (HDB)
- Croatian Water Pollution Control Society (HDZV)