

PERSONAL INFORMATION

Tihana Marček



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Sex Female | Date of birth 07 June 1978 | Nationality Croatian

WORK EXPERIENCE

- 2021- Associate Professor  
Faculty of Food Technology Osijek  
Teaching process and scientific work, Franje Kuhača 20, Osijek  
Business or sector Science and Higher education
- 2016 - 2021 Assistant Professor  
Faculty of Food Technology Osijek  
Teaching process and scientific work, Franje Kuhača 20, Osijek  
Business or sector Science and Higher education
- 2013 - 2016 Postdoctoral  
Faculty of Food Technology Osijek  
Teaching process and scientific work, Franje Kuhača 20, Osijek  
Business or sector Science and Higher education
- 2005 - 2013 Assistant  
Faculty of Food Technology Osijek  
Teaching process and scientific work, Franje Kuhača 20, Osijek  
Business or sector Science Higher education
- 2004 - 2005 Primary Teacher  
Primary school "Ernestinovo"  
Business or sector Primary Education
- 2003 - 2004 Secondary Teacher  
First Private Gymnasium "Gaudeamus"  
Business or sector Secondary Education

EDUCATION AND TRAINING

- 2005 - 2013 Doctor of Science in Biological Sciences  
University of Zagreb, Faculty of Science, Department of Biology, Croatia  
Plant Stress Biology, Plant Physiology

Level 8.2 (HKO)  
Level 8 (EQF)  
Level 3 ( QF-EHEA)

1997 - 2002 Bachelor of Science in Biology and Chemistry  
Josip Juraj Strossmayer University of Osijek, Faculty of Education,  
Department of Biology and Chemistry

Level 7.2 (HKO)  
Level 7 (EQF)  
Level 2 (QF-EHEA)

PERSONAL SKILLS

Mother tongue(s) Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills Excellent communication skills gained through the learning process, oral presentations at scientific conferences and cooperation with other international institutions. Experienced in public appearances.

Organisational / managerial skills Organisation of workshops, seminars and lectures. Supervisor of undergraduate and graduate thesis. Organisation and design of research.

Job-related skills *In vitro* plants cultivation; western blotting method; spectrophotometric analyses; enzyme kinetic; determination of chlorophyll fluorescence using CCD Video Imaging Fluorimetry quenching analyses and Pulsed-amplitude modulation-PAM fluorimetry. Measurements of intracellular CO<sub>2</sub> concentration, stomatal conductance, transpiration and assimilation rate by CIRUS system. Cold plasma technologies in plant abiotic stress studies.

Computer skills Excellent command of Microsoft Office™ tools; excellent practice in Statistica software.

Driving licence B

ADDITIONAL INFORMATION

**Publications** List of publication: <https://bib.irb.hr/lista-radova?autor=268230>

**Presentations** Active collaborator in workshops (Festival of Science): 2010., 2014.-2018., 2022-2023.

**Projects** Leader of the project Poliamines as a markers of drought tolerance (Osijek-Baranja county funding). (2017).  
Collaborator in several projects:  
Evaluation of winter wheat for resistance to Fusarium head blight and mycotoxin analysis, combined with antioxidant pathways (2015-2018.)  
Biological control of plant diseases (2009-2013.)  
Molecular mechanisms of endemic and rare Croatian plant species on stress (2009-2013.)  
The study of functional and ecologic properties of fruit wines (2013-2015.)

#### Honours and awards

1998.-2002. Student's scholarship from Ministry of Sciences, Education and Sports of the Republic of Croatia  
2015., 2017., 2019. Erasmus+ Mobility fellowship (Centre for Agricultural Research Martonvásár, Hungarian Academy of Science; Department of Plant Physiology); personal training  
2021. Freemover Ceepus mobility program, Brno, Czech Republic; Mendel University in Brno, Faculty of AgriSciences.  
2022. Erasmus+ Mobility fellowship; Krakow, Poland; University of Agriculture in Kraków.

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