

PERSONAL INFORMATION



Tihomir Kovač

 Duga ulica 120B, Brijesće, 31000 Osijek, Croatia

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 tihomir.kovac@ptfos.hr

Sex M | Date of birth 29/07/1986 | Nationality Croatian

WORK EXPERIENCE

20.10.2021. - onward

Assistant Professor

Faculty of Food Technology, University of Osijek, Franje Kuhača 18, 31 000 Osijek, Croatia
Science and higher education

24.10.2017. - 19.10.2021.

Post-doctoral fellow

Faculty of Food Technology, University of Osijek, Franje Kuhača 20, 31 000 Osijek, Croatia
Science and higher education

1.1.2012. – 23.10.2017.

Assistant

Faculty of Food Technology, University of Osijek, Franje Kuhača 20, 31 000 Osijek, Croatia
Science and higher education

13.7.2011. - 31.12.2011.

Person responsible for the use of dangerous chemicals

KontrolKem d.o.o., Nikole Šubića Zrinskog 19, 10430 Samobor, Croatia
Production and service of industrial chemicals and equipment, consulting and trade

13.9.2010. - 13.7.2011.

Chemical analysts / Production technologist

Novi Domil d.o.o., M. Čatića 1, 32270 Županja, Croatia; Member of Vindija business system
Milk processing and production of dairy products

EDUCATION AND TRAINING

8. 2. 2018. – 20. 4. 2018.

Pedagogical-psychological and didactic-methodical education

Josip Juraj Strossmayer University of Osijek, Faculty of education,
Cara Hadrijana 10, 31000 Osijek, Croatia

February 2012. – June 2017.

PhD

Scientific Area: Biotechnical Sciences, Scientific Field: Biotechnology

HKO 8.2;
EQF 8;
QF-EHEA
3 cycle

Doctoral study Biotechnology and Bioprocess Engineering

Faculty of Food Technology and Biotechnology, University of Zagreb, Croatia

September 2008. – July 2010.

Master of process engineering

Graduate study of Process engineering
Faculty of Food Technology, University of Osijek, Franje Kuhača 20, 31 000 Osijek, Croatia

HKO 7.1;
EQF 7;
QF-EHEA
2 cycle

September 2005.-September 2008.

BSc of Food Technology (Baccalaureus/Baccalaurea)

Undergraduate study of Food technology
Faculty of Food Technology, University of Osijek, Franje Kuhača 20, 31 000 Osijek, Croatia

HKO 6.;
EQF 6;
QF-EHEA
1 cycle

PERSONAL SKILLS

Mother tongue(s) Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1	B1
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

- good communication skills gained through my experience as Chemical analysts/Production technologist, Person responsible for the use of dangerous chemicals and in the science and higher education system

Organisational / managerial skills

- person responsible for the use of dangerous chemicals at Faculty of Food Technology Osijek, May 2019-onward
- occupational safety and health commissioner at Faculty of Food Technology Osijek, April 2019-onward
- member of technical preparation and design team at Croatian Journal of Food Science and Technology, January 2017 - onward
- adaptable, tends to teamwork, self-initiative planning and conducting laboratory exercises and cooperation through scientific research
- President of Student council of Faculty of Food Technology Osijek from 2.4.2008. to 1.6.2010.; graphic editor of Students Magazine "TEHNOS" (No. III, IV).
- member of organization committee of Student council of Faculty of Food Technology Osijek project "Tehnologijada '09"; member of organization committee of Student council of Faculty of Food Technology Osijek project "Tehnologijada '10"
- participation in activities of Student council of University of Osijek as President of Student council of Faculty of Food Technology Osijek

Computer skills

- good command of Microsoft Office™ tools and CorelDraw program package; Statistica, Analyst tools and Multiquant

Driving licence

- B category

ADDITIONAL INFORMATION

Scientific and professional interests

- Modulation of fungal cell oxidative status, related antimycotoxigenic and/or antifungal effect, fullerene and fullerol nanoparticles preparation, characterization and determination.
- Impact of fullerene and fullerol nanoparticles on fungal secondary metabolism

Publications

- [Croatian Scientific Bibliography](#) or [Google scholar](#)

Projects

- European Regional Development Fund, grant number KK.01.1.1.04.0067 - *Response of winter wheat to biotic and abiotic stresses caused by climate change* (December 2019-December 2022); project collaborator; Agricultural Institute Osijek
- *Austrian Competence Centre for Feed and Food Quality Safety and Innovation - FFoQSI GmbH – Area 3 – Blue sky innovations* (September 1 – December 31, 2020), Senior Researcher
- Fullerol nanoparticles and *Aspergillus flavus* interaction – An insight into illumination effect (FLAF); 1.12.2019-1.4.2020.; researcher, financed by Austrian Academy of Sciences, Joint Excellence in Science and Humanities (JESH) programme
- *Fungicidal and antimycotoxigenic potential of innovative generation of supplements*, (2019.); project collaborator; University North, Croatia
- *Inhibitory effect of fullerenes on aflatoxin synthesis* (2013.-2014.); project collaborator; University of Osijek
- *Antiaflatoxigenic effect of flavonoid quercetin* (2015.-2016.); project collaborator; University of Osijek

- Scientific Training**
- 1.12.2019-1.4.2020. Scientific training at Institute of Bioanalytics and Agro-Metabolomics, Department of Agrobiotechnology, IFA-Tulln, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
 - 1.10.2018.-31.12.2018.
Scientific training at the project TRIANA of Center for Analytical Chemistry, Department of Agrobiotechnology, IFA-Tulln, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
 - 1.7.2018.-1.8.2018.
UHPLC-ESI-MS/MS analysis of fullereneol C₆₀(OH)₂₄ nanoparticles on multimycotoxin content of foodborne fungi, Center for Analytical Chemistry, Department of Agrobiotechnology, IFA-Tulln, University of Natural Resources and Life Sciences, Vienna, Austria (Erasmus+ scholarship for 2018./2019)
 - 1.7.2017.-1.8.2017.
UHPLC-ESI-MS/MS analysis of *Aspergillus flavus* multymycotoxin content under fullereneol C₆₀(OH)₂₄ nanoparticles presence, Center for Analytical Chemistry, Department of Agrobiotechnology, IFA-Tulln, University of Natural Resources and Life Sciences, Vienna, Austria (Erasmus+ scholarship for 2016./2017)
 - 19.7.2015.-21.8.2015.
UHPLC-ESI-MS/MS analysis of mycotoxins in food and feed, Center for Analytical Chemistry, Department of Agrobiotechnology, IFA-Tulln, University of Natural Resources and Life Sciences, Vienna, Austria (Erasmus+ scholarships for 2014./2015. and 2015./2016)
- Awards**
- Vera Johanides Award for the Young Scientists for 2020 from Croatian Academy of Engineering
 - Faculty of Food Technology yearly award for scientific, educational and professional work, 2018.
 - FEMS meeting grant for young scientist, 2015.
- Society member**
- Croatian Microbiological Society
 - Croatian Toxicological Society
 - Croatian Society of Biochemistry and Molecular Biology