





PERSONAL INFORMATION

**Petra Matic**



 Franje Kuhača 18, 31000 Osijek  
 +385 31 224 346  
 petra.matic@ptfos.hr  
 <http://www.ptfos.unios.hr/index.php/zavodi-i-katedre/zavod-za-primijenjenu-kemiju-i-ekologiju/nastavno-osoblje/petra-matic-dipl-ing>  
**Sex** Female | **Date of birth** 22/5/1985

WORK EXPERIENCE

- 22.9.2021. **Senior assistant**  
 Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology Osijek  
[Science and higher education](#)
- 3.3.2014.-22.9.2021. **Assistant**  
 Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology Osijek  
[Science and higher education](#)
- 9.04.2013. – 28.02.2014. **Laboratory - chemist**  
 Meggle d.o.o. Croatia  
[Milk processing](#)
- 1.05.2011. – 1.05.1012 **Technologist probationer**  
 Eurovoće Orahovica  
[Fruit and vegetables processing](#)

EDUCATION AND TRAINING

- 2014.-2021. **PhD Chemical Engineering and Applied Chemistry**  
 University of Zagreb, Faculty of Chemical Engineering and Technology  
 ▪ Natural sciences, Chemistry
- 1.7.2010. **BSc, Food technology**  
 Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology Osijek

**Mother tongue(s)** Croatian

**Other language(s)**

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

**Organisational / managerial skills**

Laboratory exercises with students.  
 Helping students in the preparation of final/diploma theses.

Driving licence B

#### ADDITIONAL INFORMATION

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**Honours and awards** Diploma for winning a silver medal at the Third International Exhibition of Inventions, prototypes and business plans, 2007.  
Internal Auditor standards EN ISO 22000:2005 and system HACCP.

**Memberships** Member of Society of Chemists and Technologists

**Publications** List of publications:  
<https://www.croris.hr/osobe/profil/31960>  
Google scholar: <https://scholar.google.hr/citations?user=GHG0cL4AAAAJ&hl=en>

**Projects** From 2015 to 2016: Nutritional properties of old, neglected apple cultivars from the area of Slavonia important for their preservation (Adris Foundation).

From March 1, 2017 to February 28, 2021: The influence of dietary fiber on the bioavailability of polyphenols by investigating adsorption and simulated digestive processes, in vitro (HRZZ research project).

From December 2018 to December 2019: Bioactive dihydrochalcones in old apple cultivars (Project of Osijek-Baranja County).

From December 22, 2020 to December 22, 2021: The potential of elderberry and chokeberry as raw materials for value-added products on family farms in Osijek-Baranja County (Project of Osijek-Baranja County).

From December 2021 to December 2022: Examination of important bioactive substances from agricultural products from the farms of Osijek-Baranja County (Project of Osijek-Baranja County)

From 2022.-2023: Development of environmentally friendly materials: biodegradable and active polymer film ( Adris Foundation).