

Personal data:

Name: Eszter Takács

Title/position: senior research fellow, head of department

Academic degree and year of acquisition: PhD (environmental sciences), 2016

Phone number: +36704917808

E-mail address: takacs.eszter84@uni-mate.hu



Name of Department, institute: Agro-Environmental Research Centre (AKK), Institute of Environmental Sciences (KÖTI)

Professional experience: *Previous jobs, positions, assignments important from a professional point of view:*

Previous jobs, positions:

01 July, 2021	Department of Ecotoxicology, AKK, KÖTI <i>senior research fellow, head of department</i>
01 February – 31 June 2021	Department of Ecotoxicology, AKK, KÖTI <i>research fellow, head of department</i>
December 2011 – 31 January 2021	Department of Ecotoxicology, Agro-Environmental Research Institute, National Agricultural and Research Centre (The legal successor of the Central Institute of Environmental and Food Sciences established in 2011, from 2014 NAIK), <i>assistant research fellow, December 2011 – February 2016</i> <i>research fellow, March 2016 –</i> <i>head of department, October 2016 –</i>
September 2008 – November 2011	Department of Environmental Analysis and Ecotoxicology, Plant Protection Research Institute, Hungarian Academy of Sciences <i>assistant research fellow</i>
September 2006 – May 2008	Hungarian Natural History Museum <i>work on thesis</i>

Assignments important from a professional point of view:

09 September 2013– 20 October	Campus Hungary Scholarship, Short study Trip (Caen, France)
06 – 16 January 2015	Visit of the China Agricultural University in the frame of the Bilateral Cooperation in Science and Technology Project (TÉT_2012_CN_005C9251) (Beijing, China)
15 July – 07 Augustus 2016	Development of analytical method in the frame of the NATO project (NUKR.SFPP 984637) (Sheffield, UK)

- 01 – 29 September 2016 Visit to a French research institute in the frame of the Hungarian-French Bilateral Cooperation in Science and Technology Project (TÉT_15-1-2016-0054) (Perpignan, France)
- 22 Augustus – 13 September 2017 Visit to a French research institute in the frame of the Hungarian-French Bilateral Cooperation in Science and Technology Project (TÉT_15-1-2016-0054) (Perpignan, France)
- 07 – 13 July 2018 Development of analytical method in the frame of the NATO project (NUKR.SFPP 984637) (Rehovot, Israel)

Graduation, education: *Name of institution providing education/training, duration, qualification*

- 2009 – 2016 Doctoral School of Environmental Sciences, Szent István University (from 1st February, 2021, Hungarian University of Agriculture and Life Sciences)
PhD with scholarship
- 2003 – 2008 Faculty of Veterinary Science, Szent István University
MSc in applied zoologist

Research area:

Development and application of enzyme-linked immunosorbent assay (ELISA) techniques for quantification of toxin content in GM plants in plant and animal tissues and for monitoring the environmental fate of organic micropollutants. Analytical characterization (calibration, internal quality control) of commercially available ELISA systems and their applicability in plant and animal tissues. Ecotoxicological and cell toxicity studies of active substances and additives in herbicide formulations.

Awards and recognitions:

-

Information about Doctoral training: *link to doktori.hu*

<https://doktori.hu/index.php?menuid=193&lang=HU&vid=15529>.

Publication data:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10035067>.

Educated subjects:

Environmental protection and its biological basics (in Hungarian)
Plant protection ecology and environmental protection (in English)
Agricultural ecotoxicology (in English and Hungarian)

Optional thesis topics:

Assessment of side effects agricultural pollutants on a given test organism by different methods