



Zsolt Imre Dr. Csenki-Bakos

Date of birth: 27/02/1979 | **Nationality:** Hungarian | **Gender:** Male

Csenki-Bakos.Zsolt.Imre@uni-mate.hu

Hungarian University of Agriculture and Life Sciences (MATE), Páter Károly utca 1, 2100, Gödöllő, Hungary

WORK EXPERIENCE

2021 – CURRENT

SENIOR RESEARCH FELLOW AND DEPUTY HEAD OF DEPARTMENT – MATE, INSTITUTE OF AQUACULTURE AND ENVIRONMENTAL SAFETY, DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY

2014 – 2021

RESEARCH FELLOW – SZENT ISTVÁN UNIVERSITY, GÖDÖLLŐ, DEPARTMENT OF AQUACULTURE

2013

ASSISTANT RESEARCH FELLOW – SZENT ISTVÁN UNIVERSITY, GÖDÖLLŐ, DEPARTMENT OF AQUACULTURE

2007 – 2012

TECHNICAL ASSISTANT – SZENT ISTVÁN UNIVERSITY, GÖDÖLLŐ, DEPARTMENT OF AQUACULTURE

EDUCATION AND TRAINING

2011

PH.D. (ANIMAL HUSBANDRY SCIENCE) – Animal Husbandry Science PhD School, SZIU, Gödöllő

2004

AGRICULTURAL ENGINEER (M.Sc.) – Szent István University, Gödöllő

LANGUAGE SKILLS

Mother tongue(s): HUNGARIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
GERMAN	B1	B1	A2	A2	B1

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

● PUBLICATIONS

The three most significant publications of the last five years

Full list of publications: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10024390>

Z.Faisal, E.Garai, R. Csepregi, K. Bakos, E. Fliszar-Nyul, L. Szente, A. Balázs, M. Cserhádi, T. Kőszegi, B. Urbányi, **Zs. Csenki**, M.Poór (2020) Protective effects of beta-cyclodextrins vs. zearalenone-induced toxicity in HeLa cells and Tg(vtg1:mCherry) zebrafish embryos *Chemosphere*, (240) 124948 (corr. auth.)

Zs. Csenki, Á. Horváth, I. Bock, E. Garai, F. Kerekes, E. Vásárhelyi, B. Kovács, B. Urbányi, F. Mueller, K. Bakos (2020) Using Tg(vtg1:mCherry) Zebrafish Embryos to Test the Estrogenic Effects of Endocrine Disrupting Compounds, *Journal of Visualized Experiments*, Jove, 2020, 162.

Bakos, K., Kovacs, R., Balogh, E., Sipos, D. K., Reining, M., Gyomorei-Neuberger, O., Balazs, A., Kriszt, B., Bencsik, D., Csepeli, A., Gazsi, G., Hadzhiev, Y., Urbanyi, B., Mueller, F., Kovacs, B., **Csenki Zs.** (2019). Estrogen sensitive liver transgenic zebrafish (*Danio rerio*) line (Tg (vtg1: mCherry)) suitable for the direct detection of estrogenicity in environmental samples. *Aquatic Toxicology*. (208), 157-167. (corr. auth.)

● RESEARCH FIELDS

Research fields

- Development of a multicolor transgenic zebrafish-based test systems
- Development of transgenic zebrafish lines suitable for the detection of EDC and other endocrine disruptors
- Testing of complex environmental samples by ecotoxicological methods
- Design of new equipments for toxicological tests
- Development of toxicological test systems