



## Zoltán Dr. Bokor

**Nationality:** Hungarian

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**Date of birth:** 31/05/1982

**Gender:** Male

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### WORK EXPERIENCE

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#### Scientist (research fellow)

*Hungarian University of Agriculture and Life Sciences, IAE, Dept. of Aquaculture* [ 01/02/2021 – Current ]

City: Gödöllő

Country: Hungary

#### Coordinator of the Head of Campus

*Hungarian University of Agriculture and Life Sciences, Szent István Campus* [ 01/07/2021 – Current ]

City: Gödöllő

Country: Hungary

#### Fisheries Expert

*Ministry of Agriculture* [ 2011 – Current ]

City: Budapest

Country: Hungary

#### Scientist (research fellow)

*Szent István University, Department of Aquaculture* [ 01/12/2017 – 31/01/2021 ]

City: Gödöllő

Country: Hungary

#### Junior scientist

*Szent István University, Department of Aquaculture* [ 01/01/2013 – 30/11/2017 ]

Country: Hungary

#### Research associate

*Szent István University, Department of Aquaculture* [ 01/01/2011 – 31/12/2012 ]

Country: Hungary

## Technical assistant

*Szent István University, Department of Aquaculture* [ 01/09/2008 – 31/12/2010 ]

Country: Hungary

## PhD student

*Szent István University, Doctor of the Science of Animal Husbandry* [ 01/09/2005 – 31/08/2008 ]

City: Gödöllő

Country: Hungary

Title of the PhD dissertation: Cryopreservation of Wels catfish (*Silurus glanis*) and pikeperch (*Sander lucioerca*) sperm according to practical aspects

## EDUCATION AND TRAINING

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### PhD

*Szent István University, Doctor of the Science of Animal Husbandry* [ 2005 – 2008 ]

Address: Gödöllő

Nappali tagozat (oklevél száma: 10/2009.)

### Approved agricultural engineer

*Szent István University, Faculty of Agriculture and Environmental Sciences* [ 2000 – 2005 ]

Specialization: aquaculture; wildlife management; consultancy in agriculture.

## LANGUAGE SKILLS

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Mother tongue(s):

**Hungarian**

Other language(s):

### English

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

### German

**LISTENING A2 READING A2 WRITING A1**

**SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1**

## DIGITAL SKILLS

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Microsoft Office (Excel PowerPoint Word) - advanced level / Google SketchUp (Good Knowledge)

## HONOURS AND AWARDS

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### Awards on Uni

Szent István University

2018 - Pro Facultati Scientiae Agrariae Award

2018 - Scientific Students Associations Work of Faculty Award

2011 - Laurel Wreath Silver Grade of SZIU

2002,2003,2004 - Republican Scholarship of SZIU

## **OTHER SKILLS**

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### **Other educations and skills**

Diving exam (2014)

Tender specialist (2010)

Establishment and efficient operation of spin-off companies (2010)

Aquatic animal health qualification (2009)

Domestic and European tender systems, tender writing training (2007)

Project management training (2007)

Management preparation and tool bar training (2006)

Fishingwater and pond management qualification (2003)

## **ORGANISATIONAL SKILLS**

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### **Events**

Complete organisation of several academic and other events since 2005.

### **Projectmanagement**

Professional management of several national and international of several R+D projects since 2012.

## **SCIENTIFIC RESULTS**

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### **Scientific results**

- Number of scientific journal article (written in english): 42
- Number of scientific journal article (written in hungarian): 24
- Number of bookchapter (written in english): 3
- Number of bookchapter (magyar nyelvű): 13
- Number of international conference abstracts : 83
- Number of national conference abstracts: 57
- Impact factor: ~60
- Number of independent citations: 161
- Hirsch index: 12

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10013731>

## MANAGEMENT AND LEADERSHIP SKILLS

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### Research and project leading

2019-2020 Professional implementer, The effect of two different experimental temperatures on the quality and largescale

cryopreservation of perch sperm (AQUAEXCEL)

2018- Professional implementer, Foundation and development of gene bank strategy of the indigenous livestock-species, breeds and varieties of the Carpathian Basin in the XXI. Century (VEKOP-232-16-2016-00012)

2018-2020 Professional leader, Development of technology, knowledge transfer and innovation infrastructure supporting the breeding and production of fish species significant from angling and fish farming perspective (RESEARCHFISH)

2017- Professional implementer, Innovative scientific workshops in Hungarian agricultural higher education (EFOP-3.6.3-VEKOP-16-2017-00008)

2016- Professional implementer, Establishing the sustainable angling-aimed management of Lake Balaton (GINOP-2.3.2-15-2016-00004)

2016-2018 Professional leader, The development of an innovative technology for carnivorous fish production that fits well in the traditional production environment" (GINOP-2.1.1-15-2015-00645)

2017-2021 Project manager, Hungarian Aquaculture Operative Programme (ca. 10 projects)

2015-2016 Project manager, Fisheries Operative Programme 3rd Axis project - Founding and infrastructural development of the Central-Hungarian Aquaculture Research Center (CENTRALFISH)

2014-2017 Professional leader: VKSZ\_12-1-2013-0078 - The Complex break points in the development of competitiveness of the aquaculture sector (AQUAFUTURE)

2013-2015 Professional leader, SGOP 1.3.1-11/A-2012-0187 project - Development of induced spawning and fingerling rearing technology for perch and its application to aquaculture practice

2013-2015 Professional leader, Development of an induced spawning technology and a hatchery manual for Eurasian perch (PERCAHATCH), EUREKA

2011-2014 Project manager, TÁMOP-4.2.2/B-10/1-2010-0011 - Development of a complex educational support system for talented students and prospective researchers at the Szent István University

2010-2015 Project manager, Fisheries Operative Programme 2nd Axis project (ca. 30 projects)

## PUBLICATIONS

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### 5 most important publications

- **Z. Bokor**, D. Żarski, K. Palińska-Żarska, S. Krejszeff, J. Król, J. Ifj. Radóczy, Á. Horváth, L. Várkonyi, B. Urbányi, G. Bernáth, 2021.: Standardization of sperm management for laboratory assessment of sperm quality and in vitro fertilization in Eurasian perch (*Perca fluviatilis*). *Aquaculture International*. doi.org/10.1007/s10499-021-00731-4.
- Lola Toomey, Thomas Lecocq, **Zoltán Bokor**, Laurent Espinat, Árpád Ferencz, Chloé Goulon, Sami Vesala, Margot Baratçabal, Mamadou-Diouhe Barry, Mélanie Gouret, Camille Gouron, Ádám Staszny, Emilie Mauduit, Vicheka Mean, Iris Muller, Nicolas Schlick, Kévin Speder, Romain Thumerel, Clémentine Piatti, Alain Pasquet & Pascal Fontaine, 2020.: Comparison of single and multi-trait approaches to identify best wild candidates for aquaculture shows that the simple way fails. *Scientific Reports*. (2020) 10:11564 doi.org/10.1038/s41598-020-68315-5.
- József Molnár, **Zoltán Bokor**, Levente Várkonyi, Tibor Izsák, Enikő Füzes-Solymosi, Levente Zete Láng, Balázs Csorbai, Zsófia Tarnai-Király, Béla Urbányi, Gergely Bernáth (2020): The systematic development and optimization of large-scale sperm cryopreservation in northern pike (*Esox lucius*), *Cryobiology* 94, 26-31.
- Daniel Żarski, Imen Ben Ammar, Gergely Bernáth, Sébastien Baekelandt, **Zoltán Bokor**, Katarzyna Palińska-Żarska, Pascal Fontaine, Ákos Horváth, Patrick Kestemont, Syaghalirwa N.M. Mandiki, 2020.: Repeated hormonal induction of spermiation affects the stress but not the immune response in pikeperch (*Sander lucioperca*). *Fish & Shellfish Immunology* 101 (2020) 143–151.
- **Zoltán Bokor**, Gergely Bernáth, Levente Várkonyi, József Molnár, Zete Levente Láng, Zsófia Tarnai-Király, Enikő Solymosi, Béla Urbányi 2019.: The applicability of large-scale sperm cryopreservation in wels catfish (*Silurus glanis*) optimized for hatchery practice. *AQUACULTURE*: 506: pp. 337-340.