



## Borbála Nagy

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### WORK EXPERIENCE

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#### Research assistant

*Hungarian University of Agriculture and Life Sciences, Department of Aquaculture* [ 31 May 2019 – Nov 2022 ]

**City:** Gödöllő

**Country:** Hungary

- Participation in field and laboratory experiments of national (6) and international (1) projects
- Participation in breeding experiments on different fish species
- Sperm quality assessment in different fish species (CASA system, sperm density)
- Sperm cryopreservation in different fish species
- Basic molecular biology (DNA-, RNA isolation, gel electrophoresis, RT-PCR) and histological (embedding, sectioning) practice
- Keeping of experimental livestock (fish)
- Laboratory supervision
- Performing administrative tasks related to research, professional conferences, and national projects

### EDUCATION AND TRAINING

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#### Doctoral Programme, PhD

*MATE, Doctoral School of Animal Science* [ 31 Aug 2020 – Current ]

**City:** Gödöllő

**Country:** Hungary

**Website:** <https://en.uni-mate.hu/doctoral-schools>

#### Erasmus+ Short-term mobility

*Institute of Animal Reproduction and Food Research of Polish Academy of Science* [ Nov 2022 – Nov 2022 ]

**City:** Olsztyn

**Country:** Poland

**Website:** <https://pan.olsztyn.pl/institute/>

#### Developmental Biology Student Summer School

*Balaton Limnological Research Institute (BLKI)* [ 6 Jun 2022 – 12 Jun 2022 ]

**City:** Tihany

**Country:** Hungary

**Website:** [https://www.v4sdb.org/2022-v4sdb-summer\\_school](https://www.v4sdb.org/2022-v4sdb-summer_school)

#### Agriculture biotechnologist (Animal biotechnology specialisation), MSc

*Szent István University* [ 31 Aug 2018 – 18 Jun 2020 ]

**City:** Gödöllő

Country: Hungary

Website: <https://uni-mate.hu/en>

### **Agricultural engineer, BSc**

**University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management** [ 31 Aug 2014 – 14 Jun 2018 ]

City: Debrecen

Country: Hungary

Website: <https://mek.unideb.hu/en>

## **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**

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

## **DIGITAL SKILLS**

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### **Computer applications**

Microsoft Office / Google Office / Communication platforms (Zoom, Skype)

### **Scientific tools and softwares**

PCR / RT-PCR / ImageJ (Intermediate) / Computer-assisted Sperm Analysis system / Gel electrophoresis / GraphPad Prism (basic knowledge) / Mendeley software / IBM SPSS Statistics 25 (basic knowledge) / Microscopy (fluorescent and light microscopy) / Leica microtome / Osmometer / Leica HistoCore Embedding Machine

## **DRIVING LICENCE**

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**Driving Licence:** B

## **HONOURS AND AWARDS**

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### **Scientific Students' Association Conference, II. place**

Szent István University [ 2019 ]

### **XVII. National Higher Education Student Conference for Environmental Science, Special award**

Szent István University [ 2020 ]

## **CONFERENCES AND SEMINARS**

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### **47th Scientific Conference on Fisheries & Aquaculture**

[ Szarvas, Hungary, 7 Jun 2023 – 8 Jun 2023 ]

### **8th International Workshop on the Biology of Fish Gametes**

[ Gdansk, Poland, 20 Sep 2022 – 23 Sep 2022 ]

Link: <https://pan.olsztyn.pl/fishgametes2021/>

### **46th Scientific Conference on Fisheries & Aquaculture**

[ Szarvas, Hungary, 25 May 2022 – 26 May 2022 ]

## **25th Spring Wind Conference**

[ Pécs, Hungary, 6 May 2022 – 8 May 2022 ]

Link: [https://dosz.hu/rendezveny/tavaszi\\_szel\\_2022](https://dosz.hu/rendezveny/tavaszi_szel_2022)

## **Aquaculture Europe 2021**

[ Funchal, Madeira, 4 Oct 2021 – 7 Oct 2021 ]

Link: <https://aquaeas.org/Meeting/AE2021>

## **7th Scientific day of Animal Breeding in Gödöllő**

[ Gödöllő, Hungary, 22 Oct 2019 – 22 Oct 2019 ]

## **PUBLICATIONS**

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<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10073182>