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WORK EXPERIENCE

Professor of Aquaculture, Department Chair

Hungarian University of Agriculture and Life Sciences [01/02/2021 – Current]

City: Gödöllő

Country: Hungary

Coordination of scientific research, teaching, coordination of projects on national and international level as well as coordination of work at the Department of Aquaculture.

Professor of Aquaculture

Szent István University [01/09/2019 – 31/01/2021]

City: Gödöllő

Country: Hungary

Coordination of scientific research, teaching, coordination of projects on national and international level

Senior scientist

Szent István University [01/09/2007 – 31/08/2019]

Address: Péter Károly u. 1., 2100 Gödöllő (Hungary) - www.szie.hu

Coordination of scientific research, teaching, coordination of projects on national and international level

Research scientist (Assistant professor with research appointment)

Szent István University [01/07/2003 – 31/08/2007]

Address: Gödöllő (Hungary)

Scientific research, teaching

Post doctoral fellow with a Fulbright scholarship

Aquaculture Research Station, Louisiana Agricultural Experiment Station, Louisiana State University [01/02/2003 – 30/06/2003]

Address: 2410 Ben Hur Road, LA 70820 Baton Rouge (United States) - www.lsuagcenter.com

Scientific research

Research associate

Szent István University [01/09/2000 – 31/01/2003]

Address: Gödöllő (Hungary)

Scientific research, teaching

EDUCATION AND TRAINING

PhD in Agriculture

Szent István University [1997 – 2001]

Address: Gödöllő (Hungary)

Aquaculture, fish gamete biology, fish gamete preservation, cryopreservation

MSc in Agriculture

Gödöllő University of Agricultural Sciences [1992 – 1997]

Agriculture, crop production, animal husbandry, aquaculture

LANGUAGE SKILLS

Mother tongue(s):

Hungarian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2
SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING A1 READING B2 WRITING A1
SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Croatian

LISTENING A2 READING B2 WRITING B1
SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Russian

LISTENING C1 READING C2 WRITING C1
SPOKEN PRODUCTION C2 SPOKEN INTERACTION C1

Serbian

LISTENING A2 READING B2 WRITING B1
SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

DIGITAL SKILLS

Statistical software

GraphPad Prism statistical software / R statistical software basic skills

Office Suites

Apple iWork (Pages, Numbers, Keynote) advanced user / MS Office (Word, Excel, Powerpoint) advanced user

Typesetting and graphical image processing

Pixelmator graphical software / LaTeX advanced user

Operating systems

Apple macOS user / Ubuntu Linux user / MS Windows user

HONOURS AND AWARDS

Doctor of the Hungarian Academy of Sciences

Hungarian Academy of Sciences [2019]

Habilitation

Szent István University [2016]

ORGANISATIONAL SKILLS

Organisational skills

I am responsible for coordinating research activities at the Department of Aquaculture. I have been coordinating 6 major national projects during the past 10 years. I was responsible for the coordination of the Hungarian team (6 scientists) participating in the project CytoThreat (Grant Agreement no. 265264) funded by the 7th Framework Programme of the European Union. I have also been responsible for the organization of the 3rd International Workshop on the Biology of Fish Gametes that was organised on 7-9th September, 2011 in Budapest and Gödöllő, Hungary. I was also the vice- chair of the COST Action FA1205 AQUAGAMETE. Currently coordinated projects include:

NKFIH (formerly OTKA) K129127: Inherited cryoresistance of fish sperm, budget: 44.6 million HUF (129 600 EUR)

GINOP-2.3.2-15-2016-00025 Innovative development of genetic resources and production technology of consumer-friendly commercially important cultured fish species (wels catfish, pikeperch, common carp) -- GOODFISH, budget: 987 million HUF (3.3 million EUR)

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Good communication skills, especially when working in an international environment. These were gained by working in the United States and Singapore for longer periods of time (over 1 month) and shorter stays in various countries throughout the world.

JOB-RELATED SKILLS

Job-related skills

I am trained in general aquaculture activities (hatchery work, induced spawning of fish, harvesting) primarily in pond aquaculture, however I have experience in working with intensively cultured fish (African catfish, trout), as well. These were gained by working at aquaculture farms and research stations in Hungary and abroad. In addition, I have been working for over 15 years with the cryopreservation of fish sperm and have wide experience in techniques assisting cryopreservation (Computer-Assisted Sperm Analysis, sperm viability testing, Comet assay, etc.). I have developed cryopreservation methods for the sperm of over 20 cultured fish species, including sturgeons, cyprinids, catfishes and salmonids. I have training in chromosome preparation and chromosome set manipulation (androgenesis, gynogenesis) techniques. Recently, I have gained extensive knowledge in the practical aspects of conservation of endangered fish species and population genetics.

OTHER SKILLS

Other skills

I am interested in nature photography and attended a course by several noted Hungarian nature photographers (Sándor Zsila, Bence Máté). My hobbies include photography, trekking and angling. I also have a Tour Guide permit, acquired during training in secondary school.