

## Curriculum Vitae

### Education and Academic Degrees

- 2018 Ph.D. in Crop and Horticultural Sciences, Plant Science Ph.D. School (Biotechnology Program), Szent István University, Gödöllő, Hungary

Title of the Doctoral Dissertation: Development of new wheat/barley and wheat/*Agropyron* introgression lines and their idebóntification using fluorescent *in situ* hybridization and molecular markers

- 1997 University Degree in Biology, Babeş-Bolyai University, Cluj-Napoca, Romania

### Position and Employment

- 2018 – present – **Research Associate**, Plant Genetic Resources Group, Department of Biological Resources, Agricultural Institute, Centre for Agricultural Research, ELKH, Martonvásár, Hungary
- 2012 – 2017 – **Junior Research Associate**, Ph.D. student, Department of Plant Genetic Resources and Organic Breeding, Agricultural Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, Martonvásár, Hungary
- 2008 – 2012 – **Engineer**, Department of Plant Genetic Resources and Organic Breeding, Agricultural Research Institute, Hungarian Academy of Sciences, Martonvásár, Hungary
- 2004 – 2007 – **Maternity leave**
- 1998 – 2004 – **Biology teacher**, Bugát Pál Secondary School, Székesfehérvár, Hungary

### Membership

- Veszprém Regional Committee, Hungarian Academy of Sciences (from 2016)
- Plant Breeding Scientific Committee, Hungarian Academy of Sciences (from 2019)
- Association of Hungarian Plant Breeders (member with voting rights) (from 2022)

### Research Focus

- Wheat pre-breeding, interspecific and intergeneric hybridization, wild and cultivated species related to wheat, alien chromosome introgressions, genetic diversity, crossing programs, development of chromosome additions and translocations
- Molecular cytogenetics, *in situ* hybridization techniques (FISH, GISH, and mcGISH), genome karyotyping and chromosome identification, optical and fluorescent microscopy, image processing
- Field experimental design and statistical methods, morphological and agronomic characterization, fungal disease evaluation, data handling

### Language skills

Hungarian (mother tongue), Romanian (C1), English (B2), Italian (B1)

### Recognition

**Seal of Excellence** for the project proposal „Developing nutritious durum wheat grains by tracking various omics changes for health protection and improvement” submitted under the Horizon 2020’s Marie Skłodowska-Curie actions call H2020-MSCA-IF-2020 of 9 September 2020