



## Dániel Benyó

**Nationality:** Hungarian **Date of birth:** 1986

✉ **Email address:** [benyo.daniel@brc.hu](mailto:benyo.daniel@brc.hu)

📍 **Work:** Temesvári krt. 62, 6726 Szeged (Hungary)

### WORK EXPERIENCE

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#### PhD student

*Department of Plant Biology, University of Szeged* [ 01/09/2011 – 31/08/2014 ]

City: Szeged

Country: Hungary

#### research assistant

*Department of Plant Biology, University of Szeged* [ 01/09/2014 – 30/06/2016 ]

City: Szeged

Country: Hungary

#### research assistant

*Institute of Plant Biology, Biological Research Centre, Szeged, Hungarian Research Network* [ 01/07/2016 – Current ]

City: Szeged

Country: Hungary

### EDUCATION AND TRAINING

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#### Master's degree in biology

*University of Szeged* [ 2011 ]

City: Szeged

Country: Hungary

Level in EQF: EQF level 7

### LANGUAGE SKILLS

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Mother tongue(s): **Hungarian**

Other language(s):

#### English

**LISTENING** B2 **READING** C1 **WRITING** B2

**SPOKEN PRODUCTION** B2 **SPOKEN INTERACTION** B1

#### German

**LISTENING** A2 **READING** B1 **WRITING** A2

**SPOKEN PRODUCTION** A2 **SPOKEN INTERACTION** A2

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

### PUBLICATIONS

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#### Publications

Réka Benyó-Korcsmáros, Sándor Gulyás, Dániel Sebők, Dániel Benyó, Péter Cseh, Pál Sümegi

Methodological add-ons to a non-destructive, micro-CT-based taxonomic/morphometric analysis of characean remains

Geologos 29(2): pp. 69-75. (2023)

Ágnes Gallé, Alina Pelsőczy, Dániel Benyó, Anna Podmaniczki, Ágnes Szabó-Hevér, Péter Poór, Beáta Tóth, Edit Horváth, László Erdei, Jolán Csiszár

Systemic response to *Fusarium graminearum* and culmorum inoculations: changes in detoxification of flag leaves in wheat

Cereal Research Communications 50: pp. 1055-1063. (2022)

Dóra Faragó, Laura Zsigmond, Dániel Benyó, Rubén Alcazar, Gábor Rigó, Ferhan Ayaydin, Sahilu Ahmad Rabilu, Éva Hunyadi-Gulyás, László Szabados

Small paraquat resistance proteins modulate paraquat and ABA responses and confer drought tolerance to overexpressing *Arabidopsis* plants

Plant, Cell & Environment 45(7): pp. 1985-2003. (2022)

Ágnes Gallé, Dániel Benyó, Jolán Csiszár, János Györgyey

Genome-wide identification of the glutathione transferase superfamily in the model organism *Brachypodium distachyon*

Functional Plant Biology 46(11): pp. 1049-1062. (2019)

Dániel Benyó, Edit Horváth, Edit Németh, Tünde Leviczky, Kinga Takács, Nóra Lehotai, Gábor Feigl, Zsuzsanna Kolbert, Attila Ördög, Róbert Gallé, Jolán Csiszár, László Szabados, László Erdei, Ágnes Gallé

Physiological and molecular responses to heavy metal stresses suggest different detoxification mechanism of *Populus deltoides* and *P. x canadensis*

Journal of Plant Physiology 201: pp. 62-70. (2016)

Dániel Benyó

The role of glutathione transferases in the stress tolerance of different plant species

Acta Biologica Szegediensis 58:(1) p. 75. (2014)

Ágnes Gallé, Jolán Csiszár, Dániel Benyó, Gábor Laskay, Tünde Leviczky, László Erdei, Irma Tari

Isohydric and anisohydric strategies of wheat genotypes under osmotic stress: Biosynthesis and function of ABA in stress responses

Journal of Plant Physiology 170:(16) pp. 1389-1399. (2013)

Ágnes Gallé, Jolán Csiszár, Mária Secenji, László Erdei, Dániel Benyó, János Györgyey, Irma Tari

Induction and regulation of glutathione transferases in wheat species exposed to PEG induced osmotic stress

Acta Biologica Szegediensis 55:(1) pp. 79-80. (2011)

Adrienn Guóth, Dániel Benyó, Jolán Csiszár, Ágnes Gallé, Ferenc Horváth, László Cseuz, László Erdei, Irma Tari

Relationship between osmotic stress-induced abscisic acid accumulation, biomass production and plant growth in drought tolerant and sensitive wheat genotypes

Acta Physiologiae Plantarum 32:(4) pp. 719-727. (2010)

Irma Tari, Adrienn Guóth, Dániel Benyó, Judit Kovács, Péter Poór, Barnabás WodalaThe roles of ABA, reactive oxygen species and nitric oxide in root growth during osmotic stress in wheat: comparison of a tolerant and a sensitive variety

Acta Biologica Hungarica 61: pp. 189-196. (2010)

## **JOB-RELATED SKILLS**

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### **Job-related skills**

Experience in molecular biology techniques, biochemistry techniques, and bioinformatics.

## **UNIQUE AUTHOR IDENTIFIERS**

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### **Unique author identifiers**

Researcher ID: [C-9864-2012](#)

Scopus ID: [36169752800](#)

ORCID: [0000-0002-4537-2866](#)

MTMT ID: [10029427](#)