CURRICULUM VITAE

PERSONAL DATA

Name: **MAGDOLNA GOMBOS**

Nationality: Hungarian

Date of Birth, Place of Birth: 14. 12. 1988. , Mezőtúr, Hungary

Foreign Language Command: English, German

Laboratory Postal Address: Temesvári Krt. 62.
6726, Szeged, Hungary
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EDUCATION

B.Sc 2007-2010

University of Szeged
Faculcy of Science and Informatics
Bachelor's degree program in Biology, specialization in Cell-and Moloecular Biology

Profession: **Biologist / BSc -2010**
Topic: Plant microRNAs
Supervisor: Dr. Jolán Csiszár
Institute of Biology, Department of Plant Biology

Bachelor's Degree Grade: Excellent

M.Sc 2010-2012

University of Szeged
Faculcy of Science and Informatics
Master's Degree Programme in Biology, specialization in Plant Biology

Profession: **Biologist / Msc -2012**
Topic: Genes of LBDs (Lateral Orga Boundaries Domain) - an organ-development regulating plant-specific transcription factor family - in *Brachypodium distachyon*
Supervisor: Dr. János Györgyey (senior scientist, Institute of Plant Biology, Biological Research Centre, Szeged -Hungary)

Master's Degree Grade: Excellent

Ph.D	2012- 2015 **University of Szeged** Ph.D School in Biology
Year of Ph.D Graduation	2018 Summa cum laude
Dissertation	**Characterizaton of LOB-domain transcription factor family of Brachypodium distachyon and testing protein interactions regarding to two members of the family** Supervisor: Dr. János Györgyey (senior scientist, Institute of Plant Biology, Biological Research Centre, Szeged -Hungary)

EMPLOYMENT

2015- 2018
Junior Researc Associate
Biological Research Centre, Szeged, Hungary
Institute of Plant Biology
Laboratory of Plant Stress Adaptation and Cell Division

2019-
Research Associate
Biological Research Centre, Szeged, Hungary
Institute of Plant Biology
Molecular Regulation of Plant Development and Adaptation Research Unit

SCIENTIFIC ACHIEVEMENTS

Publications in Referred Journals

Csiszár, J., Gallé, Á., Horváth, E., Dancsó, P., **Gombos, M**., Váry, Z., ... & Tari, I. (2012). **Different peroxidase activities and expression of abiotic stress-related peroxidases in apical root segments of wheat genotypes with different drought stress tolerance under osmotic stress**. *Plant Physiology and Biochemistry*, *52*, 119-129.

Gombos, M., Zombori, Z., Szécsényi, M., Sándor, G., Kovács, H., & Györgyey, J. (2017). **Characterization of the LBD gene family in Brachypodium: a phylogenetic and transcriptional study.** *Plant cell reports*, *36*(1), 61-79.

Nomoto, Y., Takatsuka, H., Yamada, K., Suzuki, T., Suzuki, T., Huang, Y., **Gombos, M**... & Ito, M. (2022). **A hierarchical transcriptional network activates specific CDK inhibitors that regulate G2 to control cell size and number in Arabidopsis**. Nature Communications, 13(1), 1660.

Gombos, M., Hapek, N., Kozma-Bognár, L., Grezal, G., Zombori, Z., Kiss, E., & Györgyey, J. (2023). **Limited water stress modulates expression of circadian clock genes in Brachypodium distachyon roots**. Scientific Reports, 13(1), 1241.

Gombos, M., Raynaud, C., Molnar, E., Nomoto, Y., Brik-Chaouche, R., Takatsuka, H., ... & Magyar, Z. (2023). **The canonical E2Fs together with RETINOBLASTOMA-RELATED are required to establish quiescence during plant development**. COMMUNICATIONS BIOLOGY | https://doi.org/10.1038/s42003-023-05259-2

	Sum	since 2018
Citations	136	92
h-index	3	3
i10-index	3	3