

Curriculum vitae



Particulars:

Name: Magda PÁL
Scientific degree: DSc
Date and Place of Birth: August 05, 1974, Jászberény

Education:

2020 DSc degree, Hungarian Academy of Sciences
Title of the DSc thesis: "The role of polyamines in stress tolerance and their relationship with other protective compounds in cereals"
2009 PhD degree, Eötvös Loránd University, Budapest
Title of PhD thesis: "Physiological changes induced by cadmium in maize."
1996-2001 Molecular biologist, The University of Debrecen

Languages:

English and Russian

Place of work:

Department of Plant Physiology, Agricultural Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, H-2462, Martonvásár, POB 19.

2020- Scientific consultant
2011-2020 Senior Research Associate
2004-2011 Research Associate
2001-2004 Assistant Research Associate

Homepage: http://mgi.agrar.mta.hu/en/researchers_pal_magda_dr

Research area:

- Plant stress physiology,
- Role of polyamines during abiotic stresses, polyamine metabolism and signalling,
- Heavy metal stress,
- HPLC analytical chemistry.

Principal investigator in research project:

- National Research, Development and Innovation Office (NKFIH): PD 83840: Cross-talk between the salicylic acid-dependent protective mechanisms and other signal transduction pathways in cereals (2011.01.01.-2014.06.30.) 12.899.000 Ft
- NKFIH: K 108811: Polyamine metabolism and signalling in relation with other plant hormones in crop plants under stress conditions. (2014.01.01.-2018.06.30.) 41.316.000 Ft
- NKFIH: KH 124475: Role of polyamines in connection with their relation with plant hormones. (2017.12.01.-2019.11.30.) 18.884.000 Ft
- NKFIH K 134395: Defining the role of polyamine metabolism and its light-related modulation in the development and stress tolerance of crop plants (2021.12.01.-2024.11.30.) 48.000.000Ft

Supervisor: https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=10079

- Eötvös Loránd University, Doctoral School of Biology: Viktória Kovács (50%) obtained her degrees in 2015
- Eötvös Loránd University, Doctoral School of Biology: Tajti Judit (50%) PhD student

- Hungarian University of Agriculture and Life Sciences, Doctoral School of Horticultural Sciences, Altafur Rahman (100%) PhD student

Scientific memberships:

- Chairman of the Biological Commission, Veszprém Regional Committee, Hungarian Academy of Sciences (MTA),
- Secretary of Committee of Agricultural Biotechnology, MTA
- Member of Hungarian Biochemical Society
- Member of Hungarian Society of Plant Biology
- Member of The Federation of European Societies of Plant Biology
- Member of Hungarian Society for Separation Sciences
- Member of National Research, Development and Innovation Office (NKFIH) KOMPAGR committee

Honors and awards:

- János Bolyai Research Scholarship (2011-2014: “Outstanding”)
- Hungarian Academy of Sciences, Regional Committee in Veszprém: Researcher of the Year (2016)
- Hungarian Academy of Sciences: To support the writing of a thesis for the submission of an application for the title of Doctor of the Hungarian Academy of Sciences, for researcher educating small children (2019)

Editorial Board:

- Section Editor of the Agricultural Science Section of Elsevier: **Data in Brief**
- Section Editor of Plants in the 'Plant Response to Abiotic Stress and Climate Change' section of **Plants**
- Special Issue Editor of “Plant Hormone Signaling in Plant Stress Physiology” issue of **Plants**
- Special Issue Editor of “Salicylic Acid Signalling in Plants” issue of **International Journal of Molecular Sciences**
- Associate Editor of Plant Physiology of **Frontiers in Plant Science**
- Review Editor of Plant Breeding, Plant Physiology sections of **Frontiers in Plant Science**
- Associate Editor of **Physiology and Molecular Biology of Plants**
- Associate Editor of **Stresses**

Reviewer activity:

<https://publons.com/author/1322723/magda-pal#profile>

Science metrics:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10003367&view=pubTable>

Number of publications: 152 (**IF: 208.174**)

Number of independent citations: **1843**

Hirsch index: 25

<https://orcid.org/0000-0003-3468-962X>

<https://www.scopus.com/authid/detail.uri?authorId=57190818524>

Martonvásár, 21.03.2023.

Magda Pál