



## Curriculum vitae

### Informații personale

Name / Surname Moldovan Cristina Maria

Address

Phone

Fax(es)

E-mail

Nationality

Date of birth

Gender

### Occupational field Agonomy

#### Work experience

- **2022-present**, Associate Professor in the discipline of Crop Science, Faculty of Agriculture, USAMV Cluj-Napoca
- **2016-2022**, Lecturer in the discipline of Crop Science, Faculty of Agriculture, USAMV Cluj-Napoca
- **2011-2016**, University Assistant in the discipline of Crop Science, Faculty of Agriculture, USAMV Cluj-Napoca
- **2009-2011** Associate teaching staff in the discipline of Crop Science, Faculty of Agriculture, USAMV Cluj-Napoca
- **2006-2009** PhD student (full-time), University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca
- **20 martie-19 iulie 2006** Cluj County Directorate of Statistics, Position – Junior Assistant

#### Education and training

- **2010-2012** University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Master's Degree in Organic Agriculture
- **2006-2009** University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Doctoral School
- **2006-2008** University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Master's Degree in Plant Breeding and Seed Quality Control
- **2006-2009** Babeș-Bolyai University, Cluj-Napoca, Faculty of Economics and Business Administration, Finance-Accounting specialization
- **2001-2006** University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Faculty of Agriculture, Specialization in Agromountanology
- **1997-2001** Economic Administrative and Services High School Group, Cluj-Napoca, Finance-Accounting specialization

#### Specializations and qualifications

- 2005 – France (1 month) in agricultural holdings in Brittany, European program "Solidarité avec des villages roumains";
- 2009 – MAKIS course (Modernization of the Agricultural Knowledge and Information System)

**Languages** French and English

<b>Academic teaching activity</b>	<ul style="list-style-type: none"> <li>• Crop Science</li> <li>• Medicinal Plants</li> </ul>
<b>Fields of expertise</b>	<ul style="list-style-type: none"> <li>• Technology of field crops (cereals and industrial plants)</li> <li>• Biology, cultivation and storage technology of potato</li> <li>• Technologies in organic (biological) agriculture</li> </ul>
<b>Research contracts</b> <b>Project Director</b>	<ul style="list-style-type: none"> <li>• 2018–2022: Research and consultancy project director no. 10112/23.05.2018, Testing maize hybrids under the pedoclimatic conditions of the Transylvanian Plain</li> <li>• 2022–2024: Research and consultancy project director no. 16456/11.07.2022, Study on storage conditions of agricultural products in various types of warehouses</li> <li>• 2023–2025: Scientific Director of research and consultancy project no. 12170/09.06.2023, Innovative research in identifying potential protein sources, valorization of protein plant potential to meet the needs of farmers, producers and consumers for a sustainable agri-food system in the context of climate change adaptation and ensuring food security</li> </ul>
<b>Research contracts</b> <b>Member</b>	<ul style="list-style-type: none"> <li>• 2005–2006: Member of the research team for the CNCSIS TYPE A project 811/2005-2006</li> <li>• 2012–2013: Member of the project: PN-II-IN-CI-2012-1, contract no. 48CI/15.06.2012, Research on increasing adaptability and performance of hop varieties Magnum, Merkur and Perle under the pedoclimatic conditions in the Sighișoara area, ADAPHAMSIG</li> <li>• 2012–2013: PN-II-IN-CI-2012-1-0337, contract no. 167 CI/7.12.2012, funded by UEFISCDI, "Improvement of cultivation technologies under the pedoclimatic conditions of Romania for the therapeutic valorization of species: Baptisia tinctoria, Chionanthus virginicus, Equisetum arvense, and Ranunculus bulbosus, RoBaptChioEquiRan"</li> <li>• 1 October 2021–31 May 2022: Education expert – Agriculture field in the project "Increasing the administrative capacity of ANC and MMJS through systematization and legislative simplification in the field of qualifications" SMIS code 129872, carried out by the National Authority for Qualifications in partnership with the Ministry of Labor and Social Protection</li> <li>• 2021–2023: Member of the POC project – Innovative technological project GREENTOP - Agro-Biodiversity, SMIS 2014, no. 121447</li> <li>• 2024–present: Member of the project EUI02-036-B-Connect: Bio-Centric Communities, Navigating Nature, Embracing Ecosystems and Championing Technology</li> </ul>
<b>Published works</b>	<p><b>67 scientific papers published</b></p> <p><b>First author of 2 courses</b></p> <p><b>First author of 2 scientific books</b></p> <p><b>Co-author of 4 practical work guides</b></p> <p><b>Co-author of 1 course</b></p> <p><b>Co-author of the patent for the variety Napoca 2, Festuca arundinacea</b></p> <p><b>Co-author of the patent for the variety Vlarom, Festuca arundinacea</b></p>

**List of significant published works** **Moldovan, C.**, Florian, V., Suci, L., Morea, A., Tăraș, A., & Urdă, C. (2022). Influence of seed age on quality, germination and seed health in soybeans. Scientific Papers. Series A. Agronomy, 65(2).

Mălinaș, A., Rotar, I., Vidican, R., Iuga, V., Păcurar, F., Mălinaș, C., & **Moldovan, C.** (2020). Designing a sustainable temporary grassland system by monitoring nitrogen use efficiency. Agronomy, 10(1), 1-15.

Ghete, A., Haș, V., Vidican, R., Copândeian, A., Ranta, O., **Moldovan, C.**, Crișan, I., & Duda, M. (2020). Influence of detasseling methods on seed yield of some parent inbred lines of Turda maize hybrids. Agronomy, 10(5), 1-12.

Vătcă, S. D., Stoian, V. A., Man, T. C., Horvath, C., Vidican, R., Gădea, Ș., Vătcă, A., Rotaru, A., Vârban, R., **Moldovan, C.**, & Stoian, V. (2021). Agrometeorological requirements of maize crop phenology for sustainable cropping—A historical review for Romania. Sustainability, 13(14), 1-20.

Mălinaș, A., Vidican, R., Rotar, I., Mălinaș, C., **Moldovan, C. M.**, & Proorocu, M. (2022). Current status and future prospective for nitrogen use efficiency in wheat (*Triticum aestivum* L.). Plants, 11(4), 1-19

**Moldovan, C.**, Nițu, S., Hermezi, M., Vidican, R., Șandor, M., Gădea, Ș., David, A., Stoian, V. A., Vătcă, S. D., & Stoian, V. (2022). Growth characteristics of *Dracocephalum moldavica* L. in relation to density for sustainable cropping technology development. Agriculture, 12(6), 1-15

<b>Social skills and competences</b>	Team spirit, communication skills, seriousness, fairness, perseverance
<b>Organizational skills and competences</b>	Organizational spirit, rapid adaptability, personal and team responsibility, self-control, high standards, ability to sustain effort
<b>Technical skills and competences</b>	Good knowledge of crop plant cultivation technologies
<b>Computer skills and competences</b>	Proficient in Microsoft Office tools (Word, PowerPoint, Excel)
<b>Driving licence</b>	Category B