



## International workshop

# New techniques for plant breeding

Organized by the Academy of Agricultural and Forestry Sciences (ASAS) in collaboration with CREA (Center for Vegetable and Ornamental Plants) and CNR (Institute of Biosciences and BioResources) from Italy

November 26, 2024, 10:00 AM (EET), Bucharest

Online participation details:

Meeting ID: 849 8831 7696 Passcode: 736364

<https://us02web.zoom.us/j/84988317696?pwd=G8F0wwlUnRa8sN5afdPDTqAqWOiTDS.1>

### *Organizing committee*

- Prof. Valeriu Tabără, president of the committee
- Dr. Teodoro Cardi, vice-president
- Dr. Matilda Ciucă, vice-president
- Representative of the Ministry of Agriculture and Rural Development of Romania, member
- Dr. Aurel Badiu, member
- Prof. Gheorghe Glăman, member
- Dr. Marian Bogoescu, member
- Dr. Alessandro Nicolìa, member
- Prof. Ion Scurtu, member
- Dr. Mihai Coman, member
- Dr. Dorin Sumedrea, member

### *Scientific Committee*

- Teodoro Cardi
- Aurel Badiu
- Matilda Ciucă
- Doru Pamfil
- Alessandro Nicolìa



*Program*

10 a.m. Opening of the event

10.00-10.20 Prof. univ dr. Valeriu Tabără - President of Academy of Agricultural and Forestry Sciences (AAFS)

*Development of genetics and plant breeding research in Romania*

10.20-10.40 Dr. Teodoro Cardi - CNR Institute of Biosciences and BioResources, Portici; CREA Centre for Vegetable and Ornamental Plants, Pontecagnano

*Genetic innovations in vegetable crops: what we need and where we are*

10.40-10.55 Representative of the Ministry of Agriculture and Rural Development

*Presentation of Romania's point of view on new plant breeding techniques*

10.55-11.10 Academician Doru Pamfil - President al Section of agricultural and forest sciences by the Romanian Academy

11.10-11.25 Pasquale Tripodi - CREA Centre for Vegetable and Ornamental Plants, Pontecagnano

*Genomic tools for the valorization of genetic resources and gene discovery in vegetables*

11.25-12.00 Coffee break

12.00-12.20 Ioan Zagrai - Fruit Research & Development Station Bistrita, Romania

*Two decades of field trials in Romania of 'HoneySweet' transgenic plum resistant to Plum pox virus and new challenges*

12.20-12.35 Matilda Ciucă - President of the Biotechnology Commission of the Academy for Agriculture and Forestry Sciences

*Biotechnologies used in the cereal breeding programs at NARDI Fundulea*

12.35-12.50 Mădălina Militaru- Research Institute for Fruit Tree Growing Pitești-Mărăcineni

*Applications of molecular markers in fruit breeding programs development at RIFTG Pitești*

12.50-13.05 Giorgia Batelli- CNR Institute of Biosciences and BioResources, Portici

*Physiological and molecular bases for exploiting stress tolerance genes in vegetable*

13.05-13.20 Iulian Gabur - University of Life Sciences, Iași

*New Breeding Techniques (NBTs) in agriculture - "A practical perspective"*

13.20-13.40 Alessandro Nicolìa - CREA Centre for Vegetable and Ornamental Plants, Pontecagnano

*Tomato plants edited to combat parasitic plants: lab and field trials*

13.40-14.00 Paola Punzo - CNR Institute of Biosciences and BioResources, Portici

*Editing abiotic stress tolerance in tomato*

14.00-14.10 Andreea Manolescu - National Research and Development Institute for Biotechnology in Horticulture Stefanesti - Arges

*Applied Biotechnology - main objectives and results at INCDBH Stefanesti - Arges*

14.10-14.45 Conclusion: Prof. dr. Valeriu Tabără and Dr. Teodoro Cardi