



International workshop

New techniques for plant breeding

Organized by the Academy of Agricultural and Forestry Sciences (ASAS)
in collaboration with CREA (Research centre for Vegetable and
Ornamental Crops) 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 Research centre for Vegetable and Ornamental Crops, 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 of the Section of agricultural and forest sciences by the Romanian Academy

11.10-11.25 Pasquale Tripodi - CREA Research centre for Vegetable and Ornamental Crops, 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 Nicolai - CREA Research centre for Vegetable and Ornamental Crops, 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