

VALORIZING OF THE GENETIC RESOURCES FOR A SUSTAINABLE STRAWBERRY PRODUCTION IN THE MEDITERRANEAN AREA

21th July 2021 (14:00-16:00, GMT+2)

Med-Berry is a PRIMA (Partnership for Research and Innovation in the Mediterranean Area) project aimed to develop alternative and competitive strategies, including the valorisation of the autochthonous germplasm, finalised to drastically reduce the use of pesticides in strawberry farming and to manage phytosanitary emergencies/diffusion of new diseases caused by temperature raise in the Mediterranean area.

The webinar will be focussed on the preliminary results obtained by the project partners in the characterisation and valorisation of the autochthonous genetic resources for improving the natural resistances of strawberry to three Mediterranean major diseases (grey mold, anthracnose and powdery mildew). Furthermore, even the research activity on advanced breeding lines carried out by an Italian excellence center for varietal innovation will be presented.

A further talk on the use of biotechnologies in the improvement of the organoleptic features in fruit and vegetable hold by a special guest, Dr. Efraim Lewinsohn (ARO, Israel), will close the event.

Programme

14.00: Med-Berry project presentation – Elena Baraldi, Department of Agro-alimentary Sciences, Bologna University, Italy;

14.10: “Polyploidy of the cultivated strawberry (origin, consequences for genetics and genomics)” - Béatrice Denoyes, Department of Plant Biology, INRAE, France;

14.25: “Strawberry breeding at Invenio” – Philippe Chartier, INVENIO, France;

14.40: “Breeding Strategies on grey mold disease of strawberries in Turkey” – Ebru Kafkas – Department of Horticulture, Cukurova University, Turkey;

14.55: “Assessing strawberry cultivars for agronomical traits and resistance to different diseases in Morocco” - Ziane Kawtar, Agronomic and Veterinary Institute Hassan II, Morocco;

15.10: “Strawberry breeding activities at UPM” - Bruno Mezzetti, Department of Agricultural, Food and Environmental Sciences, Polytechnic University of Marche, Italy;

15.25: “CIV, strawberry breeding actually - Jacopo Diamanti, Centre for Varietal Innovation, Italy;

15.40: “Biotechnology to improve the aroma of fruits and vegetable” - Efraim Lewinsohn, Agricultural Reserch Organisation of Israel, Israel;

15.55: General discussions – Elena Baraldi.