



ENHANCING THE FRUIT PATHOGEN RESISTANCE IN GMO-FREE STRAWBERRY PLANTS

6 October 2021 (14:00 – 16:00)

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

The development of quickly-operating solutions is crucial to counteract these climatic issues. For this reason, one of the major objectives of the Med-Berry project is the exploitation of intragenesis-based approaches in order to rapidly achieve strawberry plants with enhanced resistance to fungal diseases without recurring to GMO technologies. This webinar will treat the preliminary results obtained by the project partners on this research line and their importance for the upcoming farming challenges.

Programme:

14:00 – 14:15: Prof. Elena Baraldi (Department of Agricultural and Food Science, University of Bologna) – “The Med-Berry project and the development of intragenic strawberries”

14:20 – 14:35: Dr. Ing. Jan Schaart (Wageningen University & Research, The Netherlands) – “Cisgenesis and intragenesis concepts for genetic modification”

14:40 – 14:55: Dr. Lucía Cervantes (Viveros California, Spain) – “R&D and breeding activities at Viveros California”

15:00 – 15:15: Dr Silvia Sabbadini (Department of Agricultural, Food and Environmental sciences, D3A, Ancona, Italy) – “Selectable marker and reporter genes for the selection of intragenesis-based plants”

15:20 – 15:35: Prof. José L. Caballero (Department of Biochemistry and Molecular ... University of Cordoba, Spain) – “Promoter and gene sequences of interest to increase pathogen resistance through intragenesis approach and the synthetic biology strategy”

15:30 – 16:00: Question time and general discussions.