

Program of Training School

April 16, 2023

09.00- 10.00 Registration and Opening

10:00 – 10:45 **Mustafa Erkan** : Role of low oxygen on fruit physiology and storage

10:45-11:15 Coffee Break

11:15 – 12:00 **Mondher Bouzayen** : Advanced genomics brings fleshy fruit research from dogma to paradigm shifts.

12:00 -13:30 Lunch Break

13:30 – 14:15 **Francisco Artés Hernández** : Postharvest refrigeration & modified atmospheres management in fruit and vegetables

14:15 – 15:00 **Tito Spaldi** : Commercial use of dynamic controlled atmosphere for long term storage of fruit and vegetables

15:00 – 15:30 Coffee Break

15:30 – 16:15 **Julien Pirrello** : Fruit Internal oxygen level: assessment and deciphering

April 17, 2023

Full day visit to CA and DCA storage facilities in Isparta region

April 18, 2023

09:00 – 10:30 : **Adem Dogan and Levent Cakmak (Lab training)**: CO₂ and O₂ measurements in different MAPs and palliflex system

10:30 – 12:00 **Xiaotong Wang (Lab training)**: Oxygen in the fruits during CA-storage under Dynamic conditions based on Respiration control (My Fruit Active Control of Respiration ACR)

12:00 – 13:30 Lunch Break

13:30 – 17 :00 **Hayri Ustun (Lab training)**: RNA Extraction from tomato fruit, cDNA synthesis and qRT-PCR analysis