

COST ACTION FA1204

**Vegetable Grafting to Improve Yield and Fruit Quality Under Biotic
and Abiotic Stress Conditions**

**COST MEETING
10-12 February 2014
JERUSALEM
ISRAEL**



SCIENTIFIC PROGRAM

Local Organizing Committee

Menahem Edelstein, ARO, Israel

Roni Cohen, ARO, Israel

Yaakov Tadmor, ARO, Israel

Scientific Committee

Menahem Edelstein, *Convener*, Agricultural Research Organization, Israel

Roni Cohen, *Co-convener*, Agricultural Research Organization, Israel

Yaakov Tadmor, Agricultural Research Organization, Israel

Giuseppe Colla, University of Tuscia, Italy

Francisco Pérez Alfocea, CEBAS-CSIC, Spain

Andrew J. Thompson, University of Cranfield, UK

Dietmar Schwarz, Institute of Vegetable and Ornamental Crops, Germany

Cherubino Leonardi, University of Catania, Italy

Dimitrios Savvas, University of Athens, Greece

Key dates

Registration and Hotel Booking: January 15, 2014

Venue

Prima Royale Jerusalem Hotel, 3 Mendele Mokher Sefarim St. Jerusalem

PROGRAM

SUNDAY 9th FEBRUARY

Venue: Prima Royale Hotel, Jerusalem

18:00 – 19:00 Early registration

19:00 – 20:00 Welcome Reception (Yahalom Room)

MONDAY 10th FEBRUARY

Conference room: Bareket Sapir

08:00 – 09:00 Registration and loading of presentations

09:00 – 09:30 Official opening

Convener – Dr. Menahem Edelstein,

Head of ARO – Prof. Yoram Kapulnik

COST Office Reporter – Prof. Dov Prusky

Chair of COST Action - Dr. Giuseppe Colla

SESSION 1:

Chair – Dr. Georgia Ntatsi, Agricultural University of Athens, Greece

OPENING LECTURES

09:30 – 10:00 Grafting: an old technique, still somewhat enigmatic
Eliezer Goldschmidt (Faculty of Agriculture, Food and Environment
The Hebrew University of Jerusalem, Israel).

10:00 – 10:30 Shoot-to-root communication mediated by phloem long-distance
trafficking of macromolecules
Shmuel Wolf (Dean of the Faculty of Agriculture, Food and Environment
The Hebrew University of Jerusalem, Israel).

FIRST STEP: SEED HEALTH

10:30 – 11:00 Factors affecting the sensitivity and reliability evaluation of viroid content in
seeds
Isaac Assouline (CTO, Microlab, Rehovot , Israel).

11:00 – 11:30 *Coffee break / Loading presentations*

SESSION 2:

Chair – Dr. Rita Grosch, Institute of Vegetable and Ornamental Crops, Germany.

IN THE NURSERY: TRANSPLANT HEALTH

- 11:30 – 12:00 Production protocol for clean plants of grafted tomato
Dani Cohen (Hishtil Nurseries, Israel).
- 12:00 – 12:30 Does *Clavibacter michiganensis* subsp. *michiganensis* intensify during tomato transplant production in the nursery?
Omer Frenkel (ARO, Bet Dagan, Israel).
- 12:30 – 13:00 Grafted-plant production chain and disease management: opportunities and critical aspects
Andrea Minuto (Camera di Commercio, Savona, Italy).

13:00 – 14:30 Lunch at Hotel

14:30 – 17:30 Tour Old City

17:30 – 19:00 Parallel WG meetings (Yahalom)

19:00 Dinner at the Hotel

TUESDAY 11th FEBRUARY

SESSION 3:

Chair – Dr. Belen Pico, University of Valencia, Spain.

IN THE FIELD: GRAFTING AS A COMPONENT IN INTEGRATED PEST MANAGEMENT

- 08:45 – 09:00 Loading presentations
- 09:00 – 09:30 Chemical and cultural approaches for the management of soil-borne pathogens: Achievements and challenges
Abraham Gamliel (ARO, Bet Dagan, Israel) .
- 09:30 – 10:00 Transgenic rootstocks : The role of siRNA in virus resistance in grafted plants
Amit Gal-On (ARO, Bet Dagan, Israel).
- 10:00 – 10:30 Interrelation between rootstock and scion with respect to reduced susceptibility to pear psylla in pear trees
Liora Shealtiel-Harpaz (Migal – Galilee Research Institute, Qiryat Shemona, Israel).

10:30 – 11:00 Coffee Break / Loading presentations

SESSION 4:

Chair – Dr. Cherubino Leonardi, University of Catania, Italy.

GERMPLASM AND PHYSIOLOGY

- 11:00 – 11:30 Some taxonomic and historical aspects of *Cucurbita*
Harry Paris (ARO, Newe Ya'ar, Israel)
- 11:30 – 12:15 Current status of vegetable grafting in the Mediterranean Basin
Amnon Koren (Hishtil Nurseries, Israel).
- 12:15 – 12:30 Toward the field trip: Professional, geographical, and historical aspects
Roni Cohen (ARO, Newe Ya'ar, Israel)

12:30 -14:00 *Lunch at Hotel*

14:00- 16:30 Tour to the western part of Jerusalem

16:30 – 19:00 Meeting of Steering Committee of MC (Yahalom)

19:00 Dinner at the Hotel

WEDNESDAY 12th FEBRUARY

Professional tour – Sponsored by Hishtil Nurseries, Israel

- 07:00 Journey to the 'Arava Valley (2:30 h)
- 09:30 – 11:30 Visit grafted melon experiments
- 11:30 – 12:15 Journey to Masada
- 12:15 – 13:00 Lunch
- 13:00 – 16:00 Visit Masada
- Back to Jerusalem (Arrival at the Hotel around 17:30)