I-CORE Center on Plant Adaptation to Changing Environment and
The Manna Center Program for Food Safety & Security

Present:

Advanced Course on
Plant Signaling in Changing Environments
Summer 2015
(2 credit units)

Course Organizers: Prof. Yuval Eshed, Weizmann Institute and
Prof. David Weiss, Faculty of Agriculture, Hebrew University

Tel-Aviv University
July 12-16, 2015, 14:00-18:00

A take-home exam will be given at the end of the course.

For registration contact: Maayan Nidbach
Tel: 03-640-5965; E-mail: maayann@tauex.tau.ac.il

The course is free of charge for students from Israeli universities, however
students must send a signed copy of their Inter-university agreement form
(Ishur Limudim) from their institution and fill out the form at this link:
https://foodsecurity.tau.ac.il/food/academics/summer/IsraeliRegForm

For information about additional summer courses, please visit:
https://foodsecurity.tau.ac.il/2015_summer_offerings
Plant Signaling in Changing Environments (0466.4005)

A joint ICORE - Manna Center course for MSc and PhD students.
July 12-16, 2015, 14:00-18:00.

A concentrated five-day course with 2 x 1.5 hour lectures every day.
Course organizers: Dudu Weiss and Yuval Eshed

Course lectures will be in English.

Tentative plan

Sunday 12/07/2015
14:15-15:45 Danny Chamovitz – Plant environment communication
16:15-17:45 Efrat Sheffer – Ecological and evolutionary plant adaptations to changing environments

Monday 13/07/2015
14:15-15:45 Dudy Bar-Zvi – Sensing, signaling, and responding to drought and salinity.
16:15-17:45 Assaf Mosquina – The ABA receptors: Structure-function relations

Tuesday 14/07/2015
14:15-15:45 Roy Weinstain – Plant hormones transport mechanisms
16:15-17:45 Sigal Savaldi-Goldstein – Autonomous and non-cell autonomous hormonal responses

Wednesday 15/07/2015
14:15-15:45 Gad Miller – ROS signaling
16:15-17:45 Hillel Fromm – Calcium signaling

Thursday 16/07/2015
14:15-15:45 David Weiss – Integration of signals – the DELLA example
16:15-17:45 Yuval Eshed – Integrating signals – Florigen and its antagonists.

A take-home exam will be given.