



# Plant Biotechnology Achievements and Horizons

## In memory of Professor Zahir Eyal

Autumn Meeting of the I-CORE Center  
of Plant Adaptation to Changing Environment

**Thursday, October 23, 2014**

Britannia Building, Hall 014, Tel Aviv University

08:45 Gathering and coffee

09:00 Opening: **Daniel Chamovitz**, Dean, Faculty of Life Sciences, Tel Aviv University

**Shaul Yalovsky**, Head, Dept. of Mol. Biol. and Ecology of Plants, Tel Aviv University

**Eyal's family representative**

**Hillel Fromm**, Head, I-Core Center

**Session 1:** Convener - **Hillel Fromm**, I-Core Center, Tel Aviv University

09:30 **Paul Christou** - Universitat de Lleida-Agrotecnio Center, Lleida, Spain.

**Synthetic genotypes in plants: value added traits in crops by exploring the boundaries between metabolic engineering and synthetic biology**

10:30 **Teresa Capell** - Universitat de Lleida-Agrotecnio Center, Lleida, Spain.

**Next generation combination microbiocides for the prevention of HIV**

11:10 Coffee Break

11:30 **Arthur Schaffer** - Institute of Plant Sciences, Volcani Center, Bet Dagan.

**Modifying plant pH**

12:00 **Dani Zamir** - Faculty of Agriculture, The Hebrew University of Jerusalem, Rehovot.

**Genotype to phenotype in plant breeding**

12:30 Noon break

**Session 2:** Convener - **Moshe Flaishman**, Volcani Center

14:00 **Avi Levy** - Plant Sciences, The Weizmann Institute of Science, Rehovot.

**From DNA break repair to precise breeding**

14:30 **Assaf Distelfeld** - Institute of Crop Improvement and Dept. of Mol. Biol. & Ecology of Plants, TAU

**Wheat genomics: Take a walk on the wild side**

15:00 **Efraim Lewinsohn** - NeweYa'ar Research Center, ARO, Ramat Yishay.

**Awakening plant silent metabolism for the improvement of aroma traits in flowers and fruits**

15:30 Coffee Break

16:00–18:30 **Roundtable: In the Pipeline of Israeli Plant Biotech Companies.**

Convener - **Jonathan Gressel** - The Weizmann Inst. of Science, Rehovot.

**Y. Shibolet** - Target Gene Biotechnologies

**Z. Shani** - Futuragene

**H. Volpin** - Danziger Innovations

**O. Chen** - TransAlgae

**M. Gleit** - Monsanto, Israel

**E. Khayat** - Rahan Meristem

**M. Lapidot** - Morflora

**S. Lapidot** - Melodea

**R. Meissner** - Rootility

**Y. Shaaltiel** - Protalix

**H. Karchi** - Evogene

**R. Gueta** - CollPlant

**Discussion and conclusions**