

ISPS Conference Schedule

13 February, 2019

09:00-09:45 Registration

09:45-10:00 Opening and presentation of first keynote speaker

10:00-11:15 **Session 1 - Chair Smadar Harpaz-Saad**

10:00-10:30 Keynote speaker **Naomi Ori**
Tomato leaf patterning

10:30-10:45 **Iddo Weiner** *Solving the riddle of the evolution of Shine-Dalgarno based translation in chloroplasts*

10:45-11:00 **Silit Lazare** *The proof is in the bulb: glycerol influences key stages of lily development*

11:00-11:15 **Naama Gil** *Meristems development at the single cell level*

11:15-11:35 **Coffee Break** 

11:35-12:35 **Session 2 - Chair Vered Tzin**

11:35-12:05 Keynote speaker **Georg Jander**
Aphid resistance in perennial soybeans: Two genomes are better than one

12:05-12:20 **Itay Gonda** *An alternative pathway for apocarotenoid production highlights the utility of the new tomato pan-genome*

12:20-12:35 **Oren Tzfadia** *MorphDB: Prioritizing genes for Specialized metabolism pathways and gene ontology categories in plants*

12:35-13:00 **Session 3 (2 min flash talks)**

Bar Shermeister *Does size matter? variation among two *Hordeum* species populations provide insights on the role of genome size in adaptation*

Natanella Eliaz *High redundancy in the regulation of growth by the tomato GIBBERELLIN-INSENSITIVE DWARF1 receptors is lost under changing environment*

Rotem Matosevich-Lepar *Local auxin biosynthesis regulates root regeneration*

Maya Kleman *Biomimetics as a tool to study plant- environment interaction*

Bekele Tuffa *The use of hair roots for validation of CRISPR/Cas plasmid constructs and genome functional analysis in composite plants*

Katya Pashkovski *Identification of a *Fusarium oxysporum* f.sp. *melonis* effector, *Avr2*, and its protein interactors*

Elad Oren *Next-Generation trait mapping in melon*

Sonia Ehi-Eromosele *An efficient pipeline for production of new *Lisianthus* varieties by combining floral dipping and targeted gene knockout*

Hala Khamesa *Identification and characterization of Indole-3-carbinol response mutants in *Arabidopsis thaliana**

13:00-13:15 ISPS meeting

13:00-14:40 **Lunch & Poster session**



14:40-14:55 **Session 4 – Chair Zvi Peleg**

14:15-14:30 **Tzion Fahima** *The discovery of a new protein family designated as ‘tandem kinase-pseudokinases (TKPs)’ and its association with plant immune responses*

14:55-15:10 **Rachel Davidovich-Rikanati** *Aphid induced terpene metabolism in *Pistacia palaestina* galls*

15:10-15:25 **Ben Rimon** *Breaking and entering: molecular insights into fertilization and viral infection of Gametophytes and seeds*

15:25-15:40 **Harel Bacher** *Reshaping wheat root/shoot architecture for changing climate*

15:40-15:55 **Uri Hochberg** *Reversible leaf xylem collapse: Preventing cavitation under fast transpiration dynamics*

15:55-16:15 **Coffee Break** 

16:15-16:45 **Session 5 – Chair Assaf Vardi**

16:15-16:30 **Eugene Koh** *Singlet oxygen mediated stress responses are governed by RNA oxidation and attenuation of cellular translation*

16:30-16:45 **Amir Raz** *Increasing meiotic crossing over in wheat by virus-induced gene silencing*

16:45-17:15 Keynote speaker **Aaron Kaplan**
Harvesting the desert

17:15-17:30 **Prize Awarding Ceremony & Closing**