

# 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*

**Tali Sayas** *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