



החברה לגנטיקה בישראל
The Genetics Society of Israel
Annual Meeting 2018
FRONTIERS IN GENETICS XI

FEBRUARY 7, 2018

PROGRAM

08:30 **REGISTRATION OPENS**

09:00 **OPENING SESSION**

SESSION I

- 09:10 Exploiting invariant properties of 3D genome organization
Noam Kaplan
- 09:30 Quantitative views into the tissue-selectivity of hereditary diseases
Esti Yeger-Lotem
- 09:50 Mapping a genetic wiring diagram for a cell
Brenda Andrews

10:35 **Coffee Break & Exhibition Viewing**

SESSION II

- 11:05 DNA repair in relation to chromatin context and transcription
Sheera Adar
- 11:25 CRISPR-Cas9 genome editing: achievements and challenges in human hematopoietic stem cells
Ayal Hendel
- 11:45 CRISPR screens in primary immune cells and Perturb-Seq
Oren Parnas
- 12:05 Conserved cis-element variants function as a auxin response rheostat in diverse species
Idan Efroni

12:25 **GENETIC SOCIETY ASSEMBLY MEETING & ELECTIONS**

12:35 **Lunch, Poster Session & Exhibition Viewing**

SESSION III

- 13:45 Honorary Member Ceremony
Ruth Sperling
- 14:05 No commitments: the regulation of planarian stem cell differentiation
Omri Wurtzel
- 14:25 Unlocking the combinatorial epigenetic code at a single-molecule level
Efrat Shema

14:45 **Coffee Break & Exhibition Viewing**

SESSION III (cont.)

- 15:05 Gut microbiome in health and disease
Eran Segal
- 15:50 Insights into the mechanism of sexually dimorphic synaptic connectivity
Meital Oren-Suissa

16:10 **Closing Remarks and Poster Prizes**