

# PROGRAM

08:30 Registration

09:00 **Opening Session**

WELCOME & INTRODUCTION

**Martin Kupiec**, President, Genetics Society of Israel

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**09:10-10:35** **SESSION I**

Chairperson: **Adi Stern**, Tel Aviv University

09:10 **Noam Kaplan**, Technion-Israel Institute of Technology  
"Exploiting invariant properties of 3D genome organization"

09:30 **Esti Yeger-Lotem**, Ben-Gurion University of the Negev  
"Quantitative views into the tissue-selectivity of hereditary diseases"

09:50 **Brenda Andrews**, University of Toronto, Canada  
"Mapping a genetic wiring diagram for a cell"

**10:35** **COFFEE BREAK & EXHIBITION VIEWING**

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**11:05-12:35** **SESSION II**

Chairperson: **Sara Selig**, Rambam Health Care Campus;  
Technion Medical School

11:05 **Sheera Adar**, The Hebrew University of Jerusalem  
"DNA repair in relation to chromatin context and transcription"

11:25 **Ayal Hendel**, Bar-Ilan University  
"CRISPR-Cas9 genome editing: achievements and challenges in human hematopoietic stem cells"

11:45 **Oren Parnas**, The Hebrew University of Jerusalem  
"CRISPR screens in primary immune cells and Perturb-Seq"

12:05 **Idan Efroni**, Faculty of Agriculture, Food and Environment,  
The Hebrew University of Jerusalem  
"Conserved cis-element variants function as a auxin response rheostat  
in diverse species"

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

12:35 **LUNCH, POSTER SESSION AND EXHIBITION VIEWING**

13:45-16:10 **SESSION III**

Chairperson: **Sivan Korenblit**, Bar-Ilan University

13:45 Honorary Member Ceremony  
**Ruth Sperling**, The Hebrew University of Jerusalem  
"The endogenous spliceosome-the supraspliceosome"

14:05 **Omri Wurtzel**, Tel Aviv University  
"No commitments: the regulation of planarian stem cell differentiation"

14:25 **Efrat Shema**, Weizmann Institute of Science  
"Unlocking the combinatorial epigenetic code at a single-molecule level"

14:45 **COFFEE BREAK & EXHIBITION VIEWING**

15:05 **Eran Segal**, Weizmann Institute of Science  
"Gut microbiome in health and disease"

15:50 **Meital Oren-Suissa**, Weizmann Institute of Science  
"Insights into the mechanism of sexually dimorphic synaptic connectivity"

16:10 **CLOSING REMARKS AND POSTER PRIZES**