## Imaging Development Annual IssDB Symposium

The David Lopatie Conference Centre, Weizmann Institute of Science

### SESSION 1

- **08:30** Registration, get together
- **09:10** Opening remarks
- **09:15** Talila Volk, Weizmann Institute of Science  
  Sensitivity of chromatin 3D organization and epigenetic repression to nuclear mechanics
- **09:45** Alina Kolpakova, Weizmann Institute of Science  
  Robustness of the canonical mitochondrial fusion machinery promotes Nebenkern formation in Drosophila spermatids
- **10:00** Yaniv Elkouby, The Hebrew University of Jerusalem  
  Seeing is believing: lessons from oogenesis and ovarian development in zebrafish
- **10:30** Coffee break

### SESSION 2

- **11:05** Anna Sloutskin, Bar-Ilan University  
  In vivo contribution of the DPE core promoter motif to transcriptional regulation in developing Drosophila melanogaster embryos
- **11:20** Sigal Salvadi-Goldstein, Technion - Israel Institute of Technology  
  The ins and outs of root meristem shaping
- **11:50** David Sprinzak, Tel Aviv University  
  Precise patterning in the inner ear
- **12:20** Majed Layous, University of Haifa  
  The role of ROCK and physical properties in skeletogenesis
- **12:35** Lunch

### SESSION 3

- **13:35** Introduction to ISSDB award winner
- **13:40** Keynote I - 2022 IssDB career award winner Eliezer Lifschitz, Technion - Israel Institute of Technology  
  From flowering to fruit-flies and back (the lecture will be given in Hebrew)
- **14:25** Assaf Zaritsky, Ben Gurion University of the Negev  
  Bottom-up characterization of collective cell behavior
- **14:55** Qiyu Chen, Weizmann Institute of Science  
  Vertebrate neurohypophysis, from the origin to the function
- **15:10** Coffee break with snacks and beer

### SESSION 4

- **15:45** Introduction to ISSDB cool-paper student award by Chen Luxenburg
- **15:50** Shadi Tarazi, Weizmann Institute of Science  
  Post-gastrulation synthetic embryos generated ex utero from mouse naive ESCs
- **15:55** Avishag Mytlis & Vineet Kumar, The Hebrew University of Jerusalem  
  Control of meiotic chromosomal bouquet and germ cell morphogenesis by the zygotene cilium
- **16:00** Moutasem Omary, The Hebrew University of Jerusalem  
  A conserved superlocus regulates aboveand belowground root initiation
- **16:05** Priti Agarwal, Tel Aviv University  
  Directed cell invasion and asymmetric adhesion drive tissue elongation and turning in C. elegans gonad morphogenesis
- **16:10** Introduction of the Keynote speaker by Oren Schuldiner
- **16:15** Keynote II  
  Thomas Misgeld, Technical University Munich  
  The road less traveled: Imaging of motor synapse remodeling and homeostasis

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