PhD ZOOMinars !!! 30 JUNE 2020

9:00 Opening & Our Amazing PhDs!

9:20

1 May Meltzer: Directed Evolution to Engineer GPCRs With Improved Structural Stability *(Stas Engel & Niv Papo)*

3 Hadar Klapper Goldstein: An implantable system for long-term assessment of atrial fibrillation substrate in freely moving rats exposed to underlying pathological conditions *(Yoram Etzion)*

9:45

2 Ayelet Shagal: Antibody Immune History Profiles of Influenza in Vaccinated and Unvaccinated Individuals *(Tomer Hertz)*

4 Ohad Wormser: Deciphering the molecular basis of hereditary neuro-ophthalmological disorders, focusing on SCAPER *(Ohad Birk)*

10:15 Our Amazing Research Environment! How to overcome the fear of writing a paper!

10:35

5 Lee Admoni-Elisha: The role of SETD6-mediated methylation of TWIST1 in Glioblastoma multiforme *(Dan Levy)*

7 Aviram Trachtenberg: Mechanistic and therapeutic assessment of synergistically acting combinations of phenolic compounds in acute myeloid leukemia models *(Michael Danilenko)*

9 Yuval Yogev: The genetic and molecular basis of monogenic neuromuscular and neurological diseases, with focus on Autism *(Ohad Birk)*

11:00

6 Arik Shvartsman: Mechanisms of persistent Na+ current generation in soma and processes of Layer 5 pyramidal neurons *(Ilya Fleidervish)*

8 Inbar Bandach: Excess interleukin 1 (IL1) worsens and IL1 inhibition improves renal damage and anemia in a mouse model of chronic kidney disease *(Yael Segev)*

10 Hananel Elul: Protection of the mouse testis tissue and sperm production from X-ray induced damages by pharmaceutical compounds that increase telomerase *(Esther Priel)*

11:30 So Much Food and Alcohol! Tips for writing your thesis!

11:50

11 Yulia Michailov: Effect of Cancer (Leukemia) and Chemotherapy Treatment on Spermatogenesis Development and Sperm Quality in Mouse System *(Mahmoud Huleihel)*

13 Moumita Chakraborty: ZnR/GPR39 modulates KCC activity in Estrogen Negative Breast Cancer Cells *(Michal Hershfinkel)*

15 Max Drabkin: Unraveling the molecular basis of common human diseases through studies of unique monogenic kindreds *(Ohad Birk)*

17 Simona Krasnopolsky: The role of the cellular transcription elongation machinery in controlling HIV transcription and promoting viral latency *(Ran Taube)*

12:15

12 Vitic Zagorka: Neuroprotective effects of BMP5/7 against α-synuclein-induced neurotoxicity in a Parkinson's disease mouse model *(Claude Brodski)*

14 Milica Markovic: Drug targeting strategy for the treatment of inflammatory bowel disease: a novel phospholipid-based prodrug approach *(Arik Dahan)*

16 Ofek Oren: Protein Engineering in Mammalian Cells - Developing novel inhibitors for amyloids aggregation *(Ran Taube & Niv Papo)*

18 Roy Moscona: Novel Insights Into the Impact of BORIS/CTCFL on Chromatin Remodeling, Transcriptome and Their Clinical Implications in Cancer *(Eitan Rubin)*

12:45 Kids! So Many Kids! Coping with stress in your thesis track!

13:05

19 Daniel Halperin: Deciphering the molecular basis of neurological disorders in isolated populations *(Ohad Birk)*

21 Ohad Stoler: Changes in mitochondrial calcium levels during evoked action potentials *(Ilya Fleidervish)*

23 Muhammad Yousef: The Intracrine role of Interleukin-1alpha *(Alex Braiman)*

25 Nenad Milošević: Drug-free polymer conjugates for treating chronic inflammatory diseases *(Ayelet David)*

13:30

20 Boško Mitrović: Role of Enteropathogenic Escherichia coli EscV protein in the assembly and the functioning of the Type III secretion system *(Neta Sal-Man)*

22 Hen Popilski: Influence of doxorubicin-loaded liposome surface groups on the systemic drug disposition, and the balance of its pharmacological effects *(David Stepensky)*

24 Manu Prasad: Inhibition of MEK1/2 by trametinib sensitizes MAPK driven head and neck cancers to anti-PD-1 immunotherapy *(Moshe Elkabets)*

26 Aner Ottolenghi: Life-Extended Glycosylated IL-2 Promotes Treg Induction and Suppression of Autoimmunity *(Angel Porgador)*

14:00 Life Outside the Lab! Our Amazing PhDs give you Tips for Your Thesis Track! → Researchers describe how they found their own postdoc mentors!