1st ISR-Openscreen Workshop
Bringing Together Small Molecules and Biology

November 25, 2019
The David Lopatie Conference Centre
Weizmann Institute of Science, Israel

Program

08:30 – 09:00 Registration and Coffee

09:00 Greetings
Gil Granot-Mayer, CEO YEDA Research and Development
Robert Fluh, Director G-INCPM, The Weizmann Institute of Science
Ela Strauss, Director Chemistry, Energy, Materials and Nanotechnology, Israel Ministry of Science & Technology

09:15 Keynote - Yinon Ben Neriah, HUJI
Considering alternatives to targeted cancer therapy

10:00-11:00 Computational and synthetic chemical biology tools
Chair: Rony Seger, Weizmann Institute of Science

10:00 Petr Bartunek, IMG
Biological space exploration using small molecule probes

10:20 Nir London, WIS
Approaches for covalent ligand discovery

10:40 Maayan Gal, TAU
Discovery of PPI inhibitors by integrating computational and biological tools

11:00 Roey Amir, TAU
Designing degradable polymeric nano-carriers with high precision

11:20 Coffee break

11:40-13:00 Emerging targets for new chemical probes
Chair: Gabriel Amitai, G-INCPM, Weizmann Institute of Science

11:40 Kjetil Tasken, Oslo
Targeting regulation of the SERCA2 complex with small molecules protects from myocardial ischemia-reperfusion injury

12:00 Ari-lev Gruzman, BIU
Development of novel leukocyte transmigration inhibitors

12:20 Amiram Ariel, Haifa U
STING as a novel drug target in resolving inflammation

13:00 Lunch

13:40-14:40 Big platforms for big experiments
Chair: Avi Raveh, BLAVATNIK CENTER for Drug Discovery, Tel Aviv University

13:40 Päivi Tammela, Helsinki
Drug Sensitivity and Resistance Testing Platform at the FIMM High Throughput Biomedicine Unit – New Possibilities for Precision Medicine in Cancer

14:00 Bahne Stechmann, EU-OPENSCREEN
The European Research Infrastructure in Chemical Biology and early Drug Discovery

14:20 Panel - how can we accelerate small molecule discovery in Israel?
Kjetil Tasken, Petr Bartunek, Bahne Stechmann, Luca Laraia, Paivi Tammela

14:40-15:20 Translational science - improving a successful passage
Chair: Avishai Levy, Agbiopro

14:40 Ronny Peri-Naor, Smart Assays
Walking through the ‘crisis of reproducibility’: The investor perspective

15:00 Einat Zisman, SapiPD
Business, Science and Technology Transfer

15:20 Simone Botte, Metabomed
How an Israeli biotech startup benefited from the European Lead Factory and the INCPM

15:40 Coffee break

16:00 Closing talk - Luca Laraia, DTU
Small molecule autophagy inhibitors: from phenotypic screening to target identification through medicinal chemistry

16:30 Haim Barr, G-INCPM, Weizmann Institute of Science
Closing remarks

Organizers
Haim Barr
Weizmann Institute of science
Ludmilla Buzhansky
Tel Aviv University
Raphael Mayer
Smart Assays
Ela Strauss
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Registration
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