THURSDAY OCTOBER 19
From 9:00-20:00
Free Registration

Collaborative Cross Symposium:
The Genetic Basis of Host Response to Complex Traits Using the CC:
From Animal Models to Translational Applications

Program:
09:00-09:30 — Arrival and welcome
  • Prof. Ehud Grossman, Dean, Sackler Faculty of Medicine, TAU
  • Prof. Fuad A. Iraqi, Sackler Faculty of Medicine, TAU

09:30-11:00 — First session
  • "Assessing host response to intrabacterial infection using CC mice" - Prof. David Threadgill, Texas A&M University, USA
  • “Dissection of host susceptibility to variety of infectious diseases” - Prof. Xavier Montagutelli, Pasteur Institute, France
  • "The CC mice for studying periodontitis and translation to human" - Prof. Arne Schafer, Charité, University of Berlin, Germany

11:30-13:00 — Second session
  • "The status of USA mouse colony and its use for identification of complex traits" - Ms. Darla Miller, University of North Carolina, Chapel Hill, USA
  • "RNAseq analysis of complex traits using the CC mice and novel software tools" - Prof. Aristotelis A. Chatziioannou, NHRF, Greece
  • "The CC mice for studying systems genetics of infectious and chronic diseases" - Prof. Fuad A. Iraqi, Tel Aviv University, Israel

13:00-14:00 — Lunch

14:00-16:30 — Third session
  • "Type 2 diabetes development and the DNA methylation venue" - Prof. Asaf Helman, Hadassah Medical School, Israel
  • "Genetic Variation in the hepatic expression of drug disposition genes" - Prof. Irit Gat-Viks, Faculty of Life Sciences, Tel Aviv University, Israel
  • "CC mice for studying breast cancer development" - Prof. Ilan Tsarfaty, Sackler Faculty of Medicine, Tel Aviv University, Israel
  • "Genome-wide association study in CC mice reveals a role for Rhdg2 in skeletal homeostasis" - Dr. Yankel Gabet, Sackler Faculty of Medicine, Tel Aviv University, Israel
  • "Immune cellular homeostasis is determined by genetic variants of cellular production and turnover" - Prof. Shai Shen-Or, Faculty of Medicine, Technion, Israel

17:00-19:30 — Fourth session
  • "The power of the CC mice for studying host response to periodontitis" - Dr. Aysar Nashef, School of Dental Medicine, Hadassah, Israel
  • "Using the CC mouse population for studying ZIKA viral infection" - Prof. Clayton Davis, Ben-Gurion University, Israel
  • "Identifying genetic factors underlying the development of type 2 diabetes and associated diseases using CC mouse population" - Dr. Hanifa J. Abu-Toamh-Atamni, Sackler Faculty of Medicine, Tel Aviv University, Israel
  • "The power of the CC mouse population for studying pharmacogenomics" - Ms. Ruba Yehia, Sackler Faculty of Medicine, Tel Aviv University, Israel
  • Round table and discussion of future collaborations

Organizer: Prof. Fuad Iraqi. For information contact: Naomi Caplan at nmcaplan@post.tau.ac.il