

**THURSDAY OCTOBER 19**

**From 9:00-20:00**

*Free Registration*

**SHLEZAK AUDITORIUM**

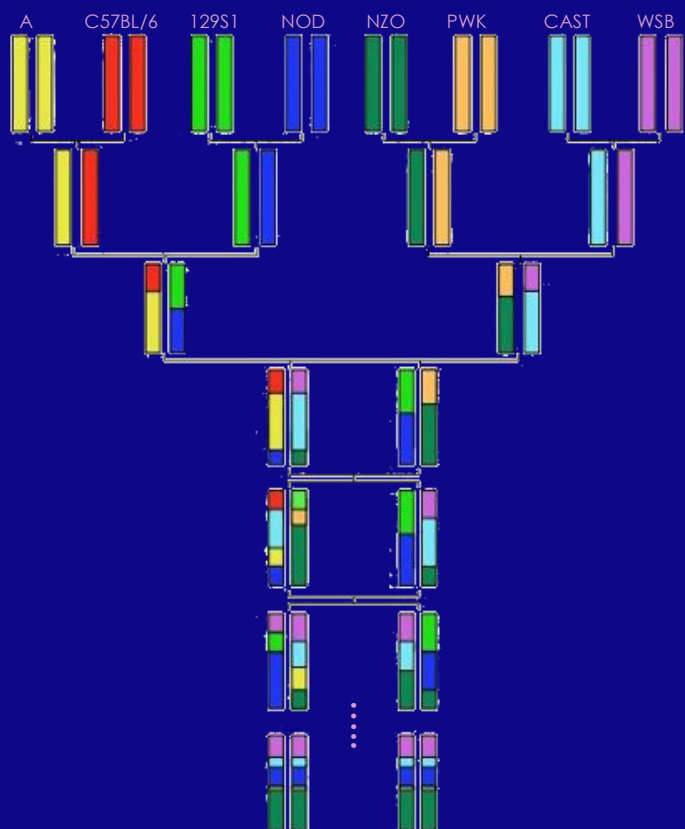
**Sackler School of Medicine, Tel Aviv University**

*Light refreshments will be served*

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. Chatzioannou**, 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 *Rhbf2* 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-Orr**, 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-Toamih-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**