

Monday January 5, 2015

Start Time	End Time	Title	Speaker
09:00	09:15	Registration	
09:15	09:45	Conference Opening	
Sources of Replicability Problems			
09:45	10:15	Managing Sources of E to Address GXE	John Crabbe , Oregon H&S University
10:15	10:45	The Effect of Genetic Background on Behavioral Variability: Implications for Replicability?	William Valdar and Lisa Tarantino , University of North Carolina
10:45	11:15	Break	
Sources of Replicability Problems			
11:15	11:45	What do We Want to Reproduce?	Wim Crusio , Quitaine ICIN
11:45	12:15	Pain and the Laboratory Environment	Jeff Mogil , McGill University
12:15	12:45	Discussions	
12:45	14:30	Lunch Break	
14:30	15:00	Variability: A By-Product Noise or an Essential Component of Motor Behavior	David Eilam , Tel Aviv University
15:00	15:30	Application of Strict Methodology and Applied Mathematical Statistics to Mouse Behavioral Data	Donald Pfaff , The Rockefeller University
15:30	16:00	Break	
Looking at Replicability Differently			
16:00	16:30	Behavioral Phenotyping: The Double Edged Sword	Robert Gerlai , University of Toronto
16:30	17:00	Replicability as a Virtue	Ilan Golani , Tel Aviv University
17:00	17:30	Discussions	
18:30		Dinner and Historical Talk by Prof. Agassi	Joseph Agassi , Tel Aviv University

Tuesday January 6, 2015

Start Time	End Time	Title	Speaker
Reproducibility and replicability			
09:00	09:30	On Standardization and Other Fallacies in Animal Phenotyping	Hanno Wurlbel , University of Bern Helene Richter , University of Muenster
09:30	10:00	The Random Lab Model for Assessing the Replicability of Phenotyping Results Across Laboratories	Neri Kafkafi , Tel Aviv University
10:00	10:15	Break	
10:15	10:45	Preproducibility for Research, Teaching, Collaboration, and Publishing	Philip Stark , UC at Berkeley
10:45	11:15	Computational and Statistical Reproducibility	Victoria Stodden , University of Illinois
11:15	11:45	Break	
Proposals			
11:45	12:15	Evaluating the Effect of GenotypexLab and FDR Adjustments on the Error Made in Single-Lab Studies	Iman Jaljuli , Tel Aviv University
12:15	12:45	Assessing Replicability in One Own's Lab: A Community Effort	Yoav Benjamini , Tel Aviv University
12:45	13:15	Discussions	
13:15	14:30	Lunch Break	
14:30	16:15	Beit Hatfutsot Museum at Tel Aviv University Campus	
16:15	16:45	Coffee Break	
The IMPC experience			
16:45	17:15	Simulation Studies to Investigate Workflow and its Impact on Reliability of Phenodeviant Calls	Natasha Karp , Instituturte Sanger
17:15	17:45	The Empirical Reproducibility of High-Throughput Mouse Phenotyping	George Nicholson , Oxford University Hugh Morgan , Harwell
17:45	18:15	Discussions	
19:00		Dinner	

Wednesday January 7, 2015

Start Time	End Time	Title	Speaker
Recombinant Mice: challenges and prospects			
09:00	09:30	Data Rescue for Replication: Finding, Annotating, and Reusing 40 Years of Data for the BXD Mouse Cohort	Rob Williams , University of Tennessee
09:30	10:00	Beyond Replication and Reproducibility: Finding Consilience in Genetic and Genomic Analyses of Behavior	Elissa Chesler , Jackson Laboratories
10:00	10:30	TAU Collaborative Cross Mice a Powerful GRP for Dissection Host Susceptibility to Infection and Chronic Diseases; Batch Effect Analyses and Confirming Replicability are Crucial for Mapping QTL	Fuad Iraqi , Tel Aviv University
10:30	11:00	Discussions	
11:00	11:30	Break	
Measuring systems			
11:30	12:00	Assessing Replicability Across Laboratories: The R-Value	Ruth Heller , Tel Aviv University
12:00	12:30	Phenotyping Behaviour Across Laboratories and Across Mouse Strains	Valter Tucci , Istituto Italiano di Tecnologia
12:30	13:00	Automatically Analyzing Social Interactions of Groups of Mice, Under Ethologically-Relevant Conditions	Tali Kimhi , Weizman Institute
13:00	14:30	Lunch	
Sources of variability			
14:30	15:00	Individuality of Avoidance Behavior of Mice in an Automated Home Cage Environment	Oliver Stiedl , VU University Amsterdam
15:00	15:30	Toward a Behavioral Homology Between Insects and Rodents	Alex Gomez-Marin , Champalimaud
15:30	16:30	What Should the Follow-up Activities Be?	Discussions