

JAXCC Clonal Evolution in Cancer: Heterogeneity, Progression, and Therapeutic Resistance

Monday, February 23rd, 2026, 12:00 – 5:00 pm, EST

Tuesday, February 24th, 2026, 12:00 – 5:00 pm, EST

Virtual over Zoom

Monday, February 23rd (Day 1):

Time slot (ET)	Duration	Topic	Presenter(s)	Institution
12:00 – 12:15 pm	15 mins	Welcome & Introduction, Agenda overview	Edison Liu, M.D. Jeffrey Chuang, Ph.D.	The Jackson Laboratory
12:15 – 12:45 pm	30 mins	Immunoediting and cancer evolution	Nikhil Joshi, Ph.D.	Yale School of Medicine
12:45 – 1:15 pm	30 mins	Selection and Mutational Frequencies	Jeffrey Townsend, Ph.D.	Yale School of Public Health
1:15 – 1:45 pm	30 mins	Resistance to Checkpoint Inhibitors	Elaine Mardis, Ph.D.	Nationwide Children's Hospital
1:45 – 2:15 pm	30 mins	Clinical Therapeutic Resistance	Franziska Michor, Ph.D.	Dana-Farber Cancer Institute, Harvard University
2:15 – 2:45 pm	30 mins	ecDNA - genomic biology	Chia-Lin Wei, Ph.D.	University of Washington
2:45 – 3:00 pm	15 mins	Break	-	
3:00 – 3:30 pm	30 mins	Talk Title TBD	Kevin Johnson, Ph.D.	Yale School of Medicine
3:30 – 3:55 pm	25 mins	Immunotherapeutics	Jedd Wolchok, M.D., Ph.D.	Weill Cornell Medicine
4:00 – 4:30 pm	30 mins	Mathematical modeling to overcome clonal emergence	Alexander Anderson, Ph.D.	Moffitt Cancer Center
4:30 – 5:00 pm	30 mins	Q&A, focused discussion	Edison Liu, M.D. Jeffrey Chuang, Ph.D.	The Jackson Laboratory

Tuesday, February 24th (Day 2):

Time slot (ET)	Duration	Topic	Presenter(s)	Institution
12:00 – 12:30 pm	30 mins	Clonal deconvolution shows complexity of resistance and sensitivity mechanisms	Edison Liu, M.D.	The Jackson Laboratory
12:30 – 1:00 pm	30 mins	TBD	TBD	TBD
1:00 – 1:30 pm	30 mins	Cancer Evolution in the Clinic	Mariam Jamal-Hanjani, M.D., Ph.D.	University of College London Cancer Institute
1:30 – 2:00 pm	30 mins	Drug Persister Phenotype	Yaara Oren, Ph.D.	Tel Aviv University
2:00 – 2:30 pm	30 mins	Transcriptional plasticity in the context of the TME and how this is impacted by aging and treatment, as opposed to clonal (genetic) evolution.	Frederick Varn, Ph.D.	The Jackson Laboratory
2:30 – 3:00 pm	30 mins	Mathematical modeling to overcome clonal emergence	Samuel Scarpino, Ph.D.	The Roux Institute - Northeastern University
3:00 – 3:15 pm	15 mins	Break	-	
3:15 – 3:45 pm	30 mins	Mathematical modeling to overcome clonal emergence	Laura Heiser, Ph.D.	Oregon Health & Science University
3:45 – 4:15 pm	30 mins	Spatial Cancer Evolution	Jeffrey Chuang, Ph.D.	The Jackson Laboratory
4:15 – 4:45 pm	30 mins	Resistance in AML	Eric Wang, Ph.D.	The Jackson Laboratory
4:45 – 5:00 pm	15 mins	Next & closing remarks	Edison Liu, M.D. Jeffrey Chuang, Ph.D.	The Jackson Laboratory