

SPEED TALK SPEAKERS

NAME	PROGRAM	TALK TITLE	ROOM #
Hans Ghezzi	BIOF	PUPpy: a fully automated primer design pipeline for substrain-level microbial detection and absolute quantification	LSC 1001
Erick Navarro-Delgado	BIOF	Modeling the genome and exposome contribution to newborn DNA methylome variability with the RAMEN package	
Rachel Hausman	IOP	Overcoming chemotherapeutic resistance by targeting ferroptosis in cancer cells surviving apoptotic caspase release	
Lisa Zhan	IOP	Unlocking the potential of CAR-T cell therapy in solid tumours through TME-targeted radiation priming	
Sarah Anna Okun	IOP	Characterizing the Interactome of the MET Exon 14 Oncogene in Lung Adenocarcinoma	
Ali Khajegili Mirabadi	BIOF	GRASP: GRAPh-Structured Pyramidal Whole Slide Image Representation	
Kevin Sun	IOP	Harnessing the potential of nanomedicine: development of a liposomal formulation of irinotecan to enhance immunotherapy	
Jessica Felix	IOP	Investigating Autophagy-related Cysteine Protease Atg4a in <i>Drosophila melanogaster</i> Models of Cancer	
Michael Yoon	BIOF	Decoding the Effects of Air Pollution on Older Adults with COPD: A Comprehensive Transcriptomics Study	LSC 1002
Credo Casmil	GSAT	Expanding the repertoire of self-amplifying ribonucleic acid vectors for next-generation RNA therapeutics	
Thilelli Taibi	IOP	RNA Deadenylation factor CNOT3 is Required for Hematopoiesis and Maintenance of Hematopoietic Stem Cells	
Jordan Yu	BIOF	Brain-Age Prediction: Systematic Evaluation of Site Effects, and Sample Age Range and Size	
Franziska Mey	IOP	Utilizing an iPSC-derived bone marrow-like organoid model to investigate drug resistance mechanisms in acute myeloid leukemia	
Rocky Shi	IOP	Integrin-linked kinase mediates epithelial-mesenchymal transition and promotes drug-tolerant-persister cell survival during osimertinib	
Eric Brace	IOP	Optical coherence tomography and autofluorescence guided biopsy of small airways using a suction-snare biopsy tool	
Haley MacDonald	BIOF	Improving cell cycle resolution in scRNAseq datasets	
Juliana Sobral de Barros	GSAT	Copy Number Signatures identify therapeutic opportunities for p53 abnormal Endometrial Carcinomas	LSC 1003
Andrew Galbraith	BIOF	Detection of Mitochondrial 8oxoG using Nanopore Sequencing	
Andy Murtha	GSAT	Impact of androgen deprivation therapy (ADT) on circulating tumor DNA (ctDNA) detection in de novo metastatic castration-sensitive	
Prakruti Uday	IOP	Altered chromatin patterning over the IGH locus as a predisposing factor for MYC translocation in B cell lymphomas	
Meredith Clark	IOP	Repurposing Telmisartan as an Immunotherapy Adjuvant: Modulating CD8+ T Cell Activation in the Tumour Microenvironment	
Lorenzo Lindo	IOP	Lymphodepletion enables successful BCMA CAR-T cell engraftment and tumour control in the syngeneic Vk*MYC model of aggressive	
Yu-Chi (Serena) Chuang	IOP	The Role of SHPRH in Lung Adenocarcinoma Initiation and Development	
Ian Janzen	IOP	Predicting Advanced NSCLC Treatment Response with Combination Radiomics and Clinical Features in a Machine Learning Framework	