



CRUK CoL Centre Cancer Evolution Symposium



CANCER
RESEARCH
UK

CITY OF
LONDON
CENTRE

UCL • King's • Barts • Crick

9.15 - 9.45am		Registration	
9.45-10.00	Francesca Ciccarelli	<i>Wellcome</i>	
Session 1		Chair: Magnus Haughey, QMUL	
10.00 am - 10.25am	Heba Sailem , KCL	<i>Deep learning approaches for decoding tumour microenvironment heterogeneity</i>	
10.25am - 10.50am	Simone Zaccaria, UCL	<i>Measuring proliferation rates of distinct clones in metastatic tumours using single-cell whole-genome sequencing</i>	
10.50am - 11.15am	Mirjana Efremova, QMUL	<i>Dissecting cell heterogeneity and phenotypic plasticity in colorectal cancer metastasis</i>	
11.15am - 11.40am		Coffee break	
Session 2		Chair: Piyali Ganguli, Crick	
11.40am - 12.05pm	Xiao Qin, UCL	<i>A Single-cell Perturbation Landscape of Colonic Stem Cell Polarisation</i>	
12.05pm - 12.30pm	Sheeba Irshad, KCL	TBA	
12.30pm - 12.55pm	Maise Al Bakir, Crick	<i>The evolution of metastases in non-small cell lung cancer</i>	
12.55pm - 2pm		Lunch	
Session 3		Chair: Jelmar Quist, KCL	
2.00pm - 2.25pm	Mariia Yuneva, Crick	<i>Using mass spectrometry imaging to dissect metabolic heterogeneity of tumours</i>	
2.25 pm - 2.50pm	Lucia Montorsi, KCL	<i>RNAscope coupled with Imaging Mass Cytometry allows high resolution validation of spatial transcriptomics</i>	
2.50pm - 3.15pm	Roberto Bellelli, QMUL	<i>DNA Polymerase Epsilon and its roles in genome stability and mediating sensitivity to anti-cancer therapeutics</i>	
3.15pm - 4.00pm		Coffee break	
Facilities		Chair: Carlos Martinez-Ruiz, UCL	
4.00pm - 4.20pm	Tristan Clark	<i>The CoLCC computational hub</i>	
4.20pm - 4.40pm	Sam Marguerat	<i>Single cell genomics @CoLCC</i>	
4.40pm - 5.00pm	Joseph Hartlebury	<i>Tissue cyclic fluorescence (T-CyCIF) technology</i>	
5.00pm - 5.15pm	Nicky McGranahan	<i>Conclusions</i>	
5.15pm - 6pm		Networking	