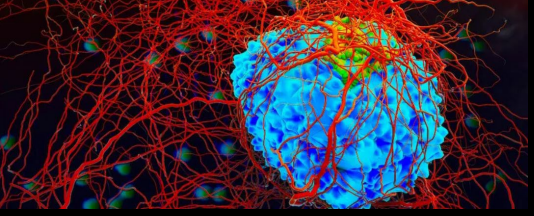

CRUK CoL Centre Cancer Evolution Symposium

CANCER RESEARCH UK | CITY OF LONDON CENTRE

UCL • King's • Barts • Crick

Monday, 17th July 2023 - Roberts Building LT 106, UCL Bloomsbury Campus

9.15 - 9.45am	**Registration**	
9.45-10.00	**Francesca Ciccarelli**	*Wellcome*
Session 1		Chair: **Jelmar Quist, KCL**
10.00 am - 10.25am	**Heba Sailem , KCL**	*Deep learning approaches for decoding tumour microenvironment heterogeneity*
10.25am - 10.50am	**Simone Zaccaria, UCL**	*Measuring proliferation rates of distinct clones in metastatic tumours using single-cell whole-genome sequencing*
10.50am - 11.15am	**Mirjana Efremova, QMUL**	*Dissecting cell heterogeneity and phenotypic plasticity in colorectal cancer metastasis*
11.15am - 11.40am	**Coffee break**	
Session 2		Chair: **Piyali Ganguli, Crick**
11.40am - 12.05pm	**Xiao Qin, UCL**	*A Single-cell Perturbation Landscape of Colonic Stem Cell Polarisation*
12.05pm - 12.30pm	**Sheeba Irshad, KCL**	*Tumour infiltrating double negative (CD27- IgD-) B cells in high-risk early breast cancers. Friend or Foe?*
12.30pm - 12.55pm	**Maise Al Bakir, Crick**	*The evolution of metastases in non-small cell lung cancer*
12.55pm - 2pm	**Lunch**	
Session 3		Chair: **Magnus Haughey, QMUL**
2.00pm - 2.25pm	**Mariia Yuneva, Crick**	*Using mass spectrometry imaging to dissect metabolic heterogeneity of tumours*
2.25 pm - 2.50pm	**Lucia Montorsi, KCL**	*RNAscope coupled with Imaging Mass Cytometry allows high resolution validation of spatial transcriptomics*
2.50pm - 3.15pm	**Roberto Bellelli, QMUL**	*DNA Polymerase Epsilon and its roles in genome stability and mediating sensitivity to anti-cancer therapeutics*
3.15pm - 4.00pm	**Coffee break**	
Facilities		Chair: **Carlos Martinez-Ruiz, UCL**
4.00pm - 4.20pm	**Tristan Clark**	*The CoLCC computational hub*
4.20pm - 4.40pm	**Sam Marguerat**	*Single cell genomics @CoLCC*
4.40pm - 5.00pm	**Joseph Hartlebury**	*Tissue cyclic fluorescence (T-CyCIF) technology*
5.00pm - 5.15pm	**Nicky McGranahan**	*Conclusions*
5.15pm - 6pm	**Networking**	