

## Symposium in Cancer Biotherapeutics

## Cancer Research UK City of London Centre Symposium

Tuesday 2<sup>nd</sup> March 2021

08:45-09:00

**Welcome - Professor Anton Berns**

09:00-10:15

**Session 1 - Cancer evolution and tumour heterogeneity****Chair: Dr Sarah McClelland**09:00-09:20 *Deciphering patterns in cancer genome evolution***Dr Nicholas McGranahan**09:25-09:45 *When normal tissue devolution meets cancer evolution***Dr Gabriela Ficz**09:50-10:10 *Evolutionary dynamics of ecDNA***Dr Benjamin Werner**

10:15-10:30

**Break**

10:30-12:00

**Session 2 - Cross-disciplinary approaches enhancing biotherapeutics****Chair: Professor Fran Balkwill**10:30-10:50 *Developing a combined multi-modality model to risk stratify cancer recurrence***Professor Tony Ng**10:55-11:15 *Title TBC***Dr Marnix Jansen**11:20-11:40 *Dissecting metabolic flexibility and heterogeneity of tumours***Dr Mariia Yuneva**11:45-12:05 **RadNet City of London***Mathematical modelling reveals improved administration schedules for glioblastoma therapies***Dr Jamie Dean**

12:00-13:30

**Lunch and City of London Centre student poster session**CANCER  
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13:30-14:00

**Session 3 - City of London Centre Development Fund short talks****Chair: Professor Kairbaan Hodivala-Dilke**13:30-13:40 *Exploring how Rho regulated kinases modulate colorectal tumour development and immune landscape***Dr Angus Cameron**13:45-13:55 **RadNet City of London***Investigating telomere biology and mutational processes seen after delivery of radiotherapy for soft tissue sarcoma***Dr Nischalan Pillay**

14:00-15:15

**Session 4 - Developing Biological Therapies****Chair: Dr Angus Cameron**14:00-14:20 *Exploiting TCR re-arrangement to targeting of T-cell Lymphomas***Dr Martin Pule**14:25-14:45 *IgE immunotherapy to activate immune responses in the tumour microenvironment***Professor Sophia Karagiannis**14:50-15:10 *Exploring the Tumour Matrisome***Dr Oliver Pearce**

15:15-15:30

**Break**

15:30-16:45

**Session 5 – Childhood Cancer Cross-cutting Theme****Chair: Professor Silvia Marino**15:30-15:50 *Investigating the molecular features of low-affinity CD19 CAR T cells***Dr Alice Giustacchini**15:55-16:15 *The immunotherapeutic potential of gamma-delta T cells***Dr Jonathan Fisher**16:20-16:40 *Origin, evolution and treatment of childhood leukaemia***Professor Tariq Enver**

16:45-17:00

**Closing remarks – Professor Sir Keith Peters**CANCER  
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