

CRUK City of London Centre and City of London Radiation Research Centre Annual Symposium

Thursday 12 February 2026

Senate House, London, WC1E 7HU

08.45 Registration and refreshments

09.20 Introduction and welcome - Prof. Mariam Jamal-Hanjani

Session 1: Immune TME crosstalk

Chair: Dr Cristobal Costoya and Prof. Kairbaan Hodivala-Dilke

09.30 From T cell killer to tumour killer: how non-depleting isotypes transform anti-OX40 therapy

Dr Cristobal Costoya, Postdoctoral Fellow, Cancer Institute, UCL (Prof. Sergio Quezada group)

09.45 Immune crosstalk between lymph node and breast carcinomas, from morphology to function

Dr Ellie Alberts, Postdoctoral Fellow, KCL (Prof. Anita Grigoriadis group)

10.10 Single-cell phenoscoping of tumour microenvironment organoids

Prof. Chris Tape, Cancer Institute, UCL

10.35 Recording tumour-immune communication through interaction-based labelling in vivo

Dr Aleksey Chudnovskiy, Crick

11.00 Refreshments

Session 2: Emerging molecular mechanisms - from ecDNA to frontiers in radiation oncology

Chair: Dr George Firth and Prof. Mariam Jamal-Hanjani

11.30 Investigating the role of the essential trace metal manganese in cancer radioresistance

Dr George Firth, RadNet CoL Postdoctoral Fellow, KCL (Dr Cinzia Imberti group)

11.45 Tracking Triple-Negative Breast Cancer Evolution: Insights from TRACERx

Dr Nnenna Kanu, Cancer Institute, UCL

12.10 Molecular radiotherapy research with alpha particle emitters

Dr Jane Sosabowski, Barts Cancer Institute, QMUL

12.35 Cancer Research Horizons: From Research to Impact

Dr Aurora Negro, Senior Translational Executive, Cancer Research Horizons

12.40 Lunch

Session 3: Cancer origins, genomic mosaicism and clonal dynamics using ctDNA

Chair: Caitlin Leo and Prof. Nicky McGranahan

13.40 Targeting the decatenation checkpoint as a novel tumour specific vulnerability

Caitlin Leo, City of London Centre PhD student, Barts Cancer Institute (Prof. Tanya Soliman group)

13.55 Tracking the evolution of cancer cell populations with ultra-deep whole exome ctDNA sequencing

Dr Marco Gerlinger, Barts Cancer Institute, QMUL

14.20 Lung epithelial homeostasis and smoking: implications in cancer pathogenesis

Prof. Sam Janes, UCL

14.45 **Tackling mosaic disorders of oncogenes**

Prof. Veronica Kinsler, Crick

15.10 Refreshments

Keynote session

Chair: Dr Jai Sidpra and Prof. Anton Berns, Centre Scientific Advisory Board Chair

15.55 **Exploiting radiotherapy to potentiate CAR T cell therapy**

Dr Karin Straathof, Cancer Institute, UCL

16.20 **Mapping prognostic human brain networks for high-grade glioma**

Dr Jai Sidpra, City of London Centre MBPhD student alumnus, UCL (Prof. Darren Hargrave group)

16.35 **Fibroblasts mimic neurons and use multicellular calcium waves to self-align leading to immune exclusion**

Dr Giovanni Giangreco, Postdoctoral Fellow, Crick (Dr Erik Sahai group)

16.50 **Keynote: Tumour micro-environment dynamics to guide immunotherapy developments in breast cancer**

Dr Marleen Kok, The Netherlands Cancer Institute

17.25 **Closing remarks - Dr Erik Sahai**

17.30 Networking reception

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