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Barts &  
the Crick

## CRUK City of London Centre (Re)solving the Tumour Microenvironment Symposium

Wednesday 3 June 2026

Mary Ward House, 7 Tavistock Place, London, England, WC1H 9SN

### 08.45 Registration and refreshments

09.20 Introduction and welcome - Prof. Sergio Quezada, UCL

#### Session 1

Chair: Dr Mariana Diniz, Postdoctoral Fellow, UCL (Prof. Mala Maini group)

Co-Chair: Prof. Caetano Reis e Sousa, Crick

09.35 **Spatial mapping of prostate cancer clonal evolution to determine key steps in progression to metastasis**

Dr Max Beesley, Postdoctoral Fellow, Barts Cancer Institute, QMUL (Prof. Alastair Lamb group)

09.50 **Hypoxia-inducible armoured CAR-T cells for the treatment of neuroblastoma and other solid tumours**

Dorothy Yang, City of London Centre Clinical Research Training Fellow, KCL (Prof. James Arnold group)

10.05 **Identification of genomic and transcriptomic biomarkers of response and resistance to TIL-ACT**

Dr Welles Robinson, Postdoctoral Fellow, UCL (Prof. Sergio Quezada group)

10.20 **Nociceptive innervation limits tertiary lymphoid structures to promote lung cancer**

Dr Ya-Hsuan Ho, Postdoctoral Fellow, Crick (Dr Leanne Li group)

### 10.45 Poster viewing and refreshments

#### Session 2

Chair: Dr Eduardo Pena, Postdoctoral Fellow, KCL (Prof. Elinor Sawyer group)

Co-Chair: Prof. Frances Balkwill, Barts Cancer Institute, QMUL

11.15 **Multi-omic spatially resolved landscape of South Asian British, Black British, and White British breast cancers**

Dr Gabriela D'Amico, Postdoctoral Fellow, Barts Cancer Institute, QMUL (Prof. Kairbaan Hodivala-Dilke group)

11.30 **Type I interferons induced upon respiratory viral infection impair lung metastatic initiation**

Dr Ana Farias, Postdoctoral Fellow, Crick (Dr Ilaria Malanchi group)

11.45  **$\gamma\delta$ T cell exhaustion: it's a marathon, not a sprint**

Hannah Martin, City of London Centre PhD student, UCL (Dr Nnenna Kanu group)

12.00 **Beyond translation: ECM glycosylation shapes tumour immune phenotypes**

Dr Oliver Pearce, Barts Cancer Institute, QMUL

### 12.25 Poster viewing, poster walk and lunch

#### Session 3

Chair: Dr Rute Ferreira, Crick (Dr Ilaria Malanchi group)

Co-Chair: Prof. Sergio Quezada, UCL

- 13.30 **Investigating CD8 T cell-intrinsic mechanisms underlying motility in the tumour microenvironment**  
Zoe Ramsden, PhD student, Crick (Dr Erik Sahai group)
- 13.45 **Alterations in the immune landscape of Barrett's oesophagus in relation to glandular phenotype: a multi-omic study**  
Yannick Derwa, City of London Centre Clinical Research Training Fellow, Barts Cancer Institute, QMUL (Prof. Stuart McDonald group)
- 14.00 **CD1d-dependent modulation of myeloid cell heterogeneity and anti-tumour responses in breast cancer**  
Maria Conde Poole, PhD student, KCL (Prof. Patricia Barral group)
- 14.15 **Fusobacterium nucleatum modulates HN-SCC killing via secretion of butyrate, highlighting the importance of the tumour microbiome within the tumour microenvironment**  
Dr Miguel Reis Ferreira, KCL
- 14.30 **Structural and functional changes to tumour-draining lymph nodes**  
Prof. Sophie Acton, UCL
- 14.55 Refreshments**
- 15.25 **Debate - Chairs Dr Colin Ratcliffe and Dr Erik Sahai, Crick**  
This House believes that resolving the TME will cure cancer.
- 16.05 **Keynote - The neuronal RNA-binding protein FMRP is a master regulator of the immunosuppressive TME**  
Prof. Douglas Hanahan, EPFL  
Chair: Prof. Adrian Hayday, Crick and KCL
- 16.45 **Closing remarks - Prof. Frances Balkwill, Barts Cancer Institute, QMUL**

**16.50 – 18.00 Networking reception**

This Symposium is partly sponsored by



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