

14<sup>th</sup> and 15<sup>th</sup> Nov 2022 – Crick Institute

# CRUK City of London Centre Symposium

New directions for targeting the immune-tumour interface

## 14<sup>th</sup> Nov 2022

8.30 – 9am	<b>Registration and breakfast</b>
9 – 9.15am	<b>Opening remarks</b>  Professor Tariq Enver
9.15 – 9.45am	<b>Keynote</b>  Professor Gerard Evan <i>The Myc transcription factor plays a gateway role in early evolution of solid cancers</i>
9.45 – 10.45am	<b>Session 1: Tumour-immune interface</b> <b>Chair: Kairbaan Hodivala-Dilke</b> <b>Co-Chair: Jacqueline Shields</b>  Professor Fran Balkwill <i>Stroma-immune interactions in ovarian cancer therapy</i>  Professor Toby Lawrence <i>Tumour-associated myeloid cells: The Good, the Bad and the Ugly</i>
10.45 – 11am	<b>COFFEE - POSTERS</b>
11 – 12.45 pm	<b>Session 2: Tumour -immune interface</b>  Professor Victoria Sanz Moreno <i>Invasive cancers generate immunosuppressive microenvironments</i>  Dr Sheeba Irshad <i>Immune landscape of high-risk chemotherapy resistant breast cancers</i>  Dr Sophie Acton <i>Stromal-immune cell crosstalk impacts the immune microenvironment</i>  Maria Ramos Zapatero <i>Cancer-Associated Fibroblasts Regulate Patient-Derived Organoid Drug Responses</i>

**12.45 – 1.45pm**

**LUNCH - POSTERS**

**1.45 – 3.15pm**

**Session 3: New Frontiers for living therapies**

**Chair: Sheeba Irshad**

**Co-Chair: Victoria Sanz Moreno**

Dr Adam Passman

*Cell neighbourhoods and their interrelationships define risk of progression to cancer in Barrett's oesophagus*

Professor John Anderson

*Combination immunotherapy strategies for paediatric solid cancers*

Professor John Marshall

*Targeting pancreatic cancer with CAR T cell therapy*

**3.15 – 3.45pm**

**COFFEE - POSTERS**

**3.45 – 5pm**

**Session 4: Next generation cancer therapies**

Prof Kamil Kranc

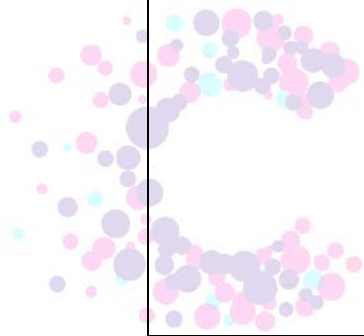
*Targeting RNA modifications and hypoxia signalling pathways to eliminate cancer stem cells in acute myeloid leukaemia*

Prof Sam Janes

*Working towards preventing lung cancer through dissecting precancerous biology*

Maria Secier

*A novel quiescence signature captures rapid drug tolerance development in cancer persister cells*



CANCER RESEARCH CITY OF LONDON CENTRE

UCL



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## 15<sup>th</sup> Nov 2022

9 – 10.45am

**Session 1: The Evolving Tumour Microenvironment**

**Chair: James Arnold**

**Co-Chair: Ilaria Malanchi**

Dr Sarah McClelland

*Stroma-immune interactions in ovarian cancer therapy*

Dr Kevin Litchfield

*Conflict in the TME: the antagonistic role of TAP in HLA B07 supertype binding*

Dr Jacqui Shields

*Exploring the role of stroma as immune modulators in the tumour microenvironment*

Vinaya Gunasri

*Spatially resolving the dynamics of immunoediting in advanced colorectal cancer*

10.45 – 11.15am

**COFFEE - POSTERS**

11.15 – 12.30pm

**Session 2: Improving Responses to Radiation: RadNet**

Dr Graeme Hewitt

*Using CRISPR screens to identify vulnerabilities in DNA damage response (DDR) pathways*

Dr Jamie Dean

*Functional and therapeutic consequences of a p53-MDM2-p21 incoherent feedforward loop*

Ashley Vardon

*Radiation induced senescence in diffuse intrinsic pontine glioma cells reveals selective vulnerability to Bcl-XL inhibition*

12.30 – 1.45pm LUNCH - POSTERS	
1.45 – 3.30pm	<p><b>Session 3: The Mechanisms of Cancer Progression</b>  <b>Chair: Tony Ng</b>  <b>Co-Chair: John Marshall</b></p> <p>Dr Ilaria Malanchi  <i>Metastasis: the art of adaptation and persuasion</i></p> <p>Dr Jessica Okosun  <i>Tumour-immune co-evolution and spatial heterogeneity patterns in lymphoma progression</i></p> <p>Professor Jody Rosenblatt  <i>Cell invasion: a casualty of dysregulated cell extrusion</i></p> <p>Dr Xiao Qin  <i>Stromal and Oncogenic Regulation of Colonic Stem Cells Revealed by Single-cell Analysis of Heterocellular Organoids</i></p>
3.30 – 4.00 pm COFFEE - POSTERS	
4.00 – 4.30pm	<p><b>Session 4: The Mechanisms of Cancer Progression</b></p> <p>Dr Leanne Li  <i>Cancer Neuroscience: Elucidating the crosstalk between cancer and the nervous system</i></p>
4.30 – 4.40pm	<b>Cancer Research Horizons session</b>
4.40 – 4.50pm	<b>PPI session</b>
4.50 – 5.10pm	<p><b>Closing remarks</b>  Professor Anton Berns</p>

This event has been partly sponsored by:

