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## 2025 City of London Centre and RadNet Annual Symposium – Future Leaders

The Francis Crick Institute – Manby Gallery

### Day 1 Monday 27 Jan 2025

12.00 pm

Registration, poster viewing and lunch

1.10 pm

Introduction and welcome

#### Theme 1 - Novel biological therapies

Chair: Shraddha Kamdar, Postdoctoral Fellow (KCL)

Co-Chair: Prof. Frances Balkwill (BCI/QMUL)

1.20 pm	Hale Tunbak	Postdoctoral Fellow, BCI/QMUL (PI: Ozgen Deniz)	Dissecting the role of Transposable element-mediated immune responses in AML
1.40 pm	Shanila Fernandez Patel	PhD student, KCL (PI: Jeremy Carlton)	Inhibition of the nonsense-mediated mRNA decay pathway for neoantigen generation
2.00 pm	Roberto Vendramin	Postdoctoral Fellow, UCL (PI: Kevin Litchfield and Charles Swanton)	Inhibition of nonsense-mediated decay promotes anti-tumour immunogenicity
2.20 pm	Harriet Roddy	Postdoctoral Fellow, UCL (PI: Claire Roddie)	Next Generation Autologous CAR T cells for the treatment of Hepatocellular Carcinoma (HCC)

2.40 pm

Poster viewing, 'meet the expert' and refreshments

#### Paediatrics

Chair: Theo Accogli, Postdoctoral Fellow (UCL)

Co-Chair: Prof. Karin Straathof (UCL)

3.35 pm	Emily Drabek-Maunders	PhD student, UCL (PI: Chris Clark, Andy Nisbet, Jamie Dean)	Designing a clinical diffusion MRI acquisition to measure white matter damage in paediatric brain tumour patients
3.55 pm	Peter Gawne	Postdoctoral Fellow, BCI/QMUL (PI: Jane Sosabowski)	Development of a GD2-targeted radioimmunotherapy for high-risk neuroblastoma
4.15 pm	Alastair Hotblack	Postdoctoral Fellow, UCL (PI: Karin Straathof)	Low dose, mutant IL-12 secretion enhances CAR-T cell function in paediatric solid tumours without systemic toxicity
4.35 pm	<b>Opening Keynote – Prof. Gillian Griffiths (Cambridge Institute for Medical Research)</b> Cancer assassins: co-ordinating swarming, migration and killing in a single shot		

5.15-6.00

Poster viewing and refreshments



## Day 2 Tuesday 28 Jan 2025

### Theme 2 - TME and Effective therapy combinations

Chair: Victoire Boulat, City of London Centre PhD student (Crick)

Co-Chair: Prof. Kairbaan Hodivala-Dilke (BCI/QMUL)

9.00 am	Sophie James	City of London Centre PhD student, BCI/QMUL (PI: Paolo Gallipoli and Cristina Lo Celso)	Specific bone marrow niche components determine degree of protection from gilteritinib induced differentiation response in FLT3-ITD AML
9.20 am	Alessandra Ferrelli	Postdoctoral Fellow/ City of London Centre student, KCL (PI: Shahram Kordasti and Dominique Bonnet)	Developing a humanised in vivo model to study myeloproliferative neoplasms
9.40 am	Elien Heylen	Postdoctoral Fellow, BCI/QMUL (PI: Kebs Hodivala-Dilke)	Spatial mapping of breast cancer highlights discrete tumour microenvironments between Black British and White British women
10.00 am	Yani Jiang	City of London Centre CRTF PhD student, UCL (PI: Marnix Jansen)	Tracking T cell receptor (TCR) dynamics from the NEOPRISM-CRC clinical trial
<b>10.20 am</b>	<b>Prof. John Marshall (BCI/QMUL) - STARS Lead and Sihaam Osman (KCL) - STARS participant and volunteer</b>		
	Celebrate the City of London Centre STARS programme		

**10.35 am**

**Poster viewing and refreshments**

**RadNet**

Chair: Rita Pedrosa, Postdoctoral Fellow (BCI/QMUL)

Co-chair: Prof. Gary Royle (UCL)

11.05 am	Stefanie Ruhland	PhD student, Crick (PI: Ilaria Malanchi)	Neutrophil driven response to tissue injury caused by radiation
11.25 am	Sarah Harding	City of London Centre PhD student, KCL (PI: Gilbert Fruhwirth)	Development of reporter gene-afforded hypoxia fate mapping in fully immunocompetent lung cancer models
11.45 am	Georgina al-Badri	Postdoctoral Fellow, UCL (PI: Jamie Dean)	Revealing epigenetic and transcriptional determinants of glioblastoma radiotherapy resistance
<b>12.05 pm</b>	<b>City of London Centre Development Fund showcase – Dr Angus Cameron (BCI/QMUL)</b>		
	Regulation of intestinal homeostasis, inflammation and cancer by Rho-activated protein kinases		

**12.20 pm**

**Poster viewing, 'poster walk' and lunch**



### Theme 3 - Cancer evolution

Chair: Elise Rees, Postdoctoral Fellow (UCL)

Co-chair: Prof. Francesca Ciccarelli (BCI/QMUL)

1.35 pm	Ángel Fernández-Sanromán	PhD student, Crick (PI: Samra Turajlic and Geoff Macintyre)	Tracking non-genetic evolution from primary to metastatic ccRCC: TRACERx Renal
1.55 pm	Nathaniel MonPere	Postdoctoral Fellow, QMUL (PI: Benjamin Werner)	Clonal competition in ageing haematopoiesis
2.15pm	Kane Foster	PhD student, UCL (PI: Kwee Yong)	The Blood Cancer-Immunity cycle: learning from multiple myeloma disease evolution
2.35 pm	Hrvoje Misetić	Postdoctoral Fellow, BCI/QMUL (PI: Francesca Ciccarelli)	Context is everything: rethinking the impact of 9p21 gene loss in oesophageal cancer

**2.55 pm City of London Centre Datathon winning team**

**3.10 pm**

**Poster viewing and refreshments**

### Theme 4 - Early detection and prevention

Chair: Lucie Gourmet, PhD student (UCL)

Co-Chair: Prof. Peter Sasieni (QMUL)

3.40 pm	Hamid Mohammadi	Postdoctoral Fellow, Crick (PI: Erik Sahai)	Biomechanical characteristics of tumour boundary architecture in precancerous lesions
4.00 pm	Sandra Gómez López	Postdoctoral Fellow, UCL (PI: Sam Janes)	Aberrant basal cell clonal dynamics drive early lung carcinogenesis
4.20 pm	Cinzia Imberti	EPSRC Future Leader Fellow, KCL	Imaging the roles of endogenous metals in cancer – a focus on copper

**4.40 pm Closing Keynote – Prof. Sarah Teichmann (University of Cambridge)**

Mapping the Human Body One Cell at a Time

5.20 pm Closing remarks

**5.30-7.30**

**Reception and refreshments**

This Symposium is partly sponsored by

