



CANCER
RESEARCH
UK

City of
London
Centre

UCL, King
Barts &
the Crick



INTERNATIONAL
ALLIANCE FOR
CANCER EARLY
DETECTION

Cross-disciplinary Approach to Cancer Early Detection and Prevention

CRUK City of London Centre and UCL ACED Centre joint Symposium

**G08, Roberts Building, Torrington Pl, UCL WC1E 7JE
Thursday, 20th June 2024**

8.45 – 9.15am

Registration

9.15 – 9.30am

Opening remarks and introduction to CRUK City of London Centre and ACED: Sam Janes (UCL)

9.30 – 10.10am

Keynote: Nitzan Rosenfeld (Barts Cancer Institute, QMUL)

Chair: Sam Janes (UCL)

Circulating tumour DNA: an increasingly powerful diagnostic tool for oncology

10.10 – 10.40am

Cross-disciplinary projects short pitch for £5K

Chair: Adam Pennycuick (UCL)

10.40 – 11.10am

Coffee break

11.10 – 12.40pm

Session II

Chair: Pilar Acedo (UCL)

James Reading (Cancer Institute, UCL)

Using T cell omics to detect and intercept lung cancer development

Elinor Sawyer (KCL)

Challenges of early detection and prevention in breast cancer

Suzanne Scott (QMUL)

Future risk of cancer after urgent suspected cancer referral

Short talk: Becky White (UCL), PI: Yoryos Lyratzopoulos

Cancer risk in patients presenting in primary care with fatigue

Short talk: Rosa Maria Andres Ejarque (KCL), PI: Shahram

Kordasti

Immunophenotypic landscape determines response to BET inhibition in myeloproliferative neoplasms

Short talk: Caitlin Fierheller (QMUL), PI: Ranjit Manchanda

An economic evaluation of population-based BRCA1 and BRCA2 genetic testing in Canada

12.40 – 2.00pm

Lunch and form collaborations

2.00 – 2.15pm

Funding opportunities in cancer prevention and early detection research at Cancer Research UK

Anbu Paramasivam (CRUK)

2.15 – 2.55pm

Session III

Chair: Elizabeth Sumiec (QMUL)

Yipeng Hu (UCL)

Using AI for early-detecting prostate cancer

Short talk: Clement Orczyk (UCL)

Semen, a new fluid for Innovation in Prostate Cancer early detection pathway, positive results of a prospective multi-centre trial

Short talk: Laura Marlow (QMUL), PI: Jo Waller

Attitudes to blood-based multi-cancer early detection (MCED) screening in England

2.55 – 3.30pm

Coffee break

3.30 – 4.10pm

Session IV

Chair: Claudia Peinador Marin (UCL)

Simon Walker-Samuel (UCL)

Tumour digital twins for early detection with imaging

Clare Weeden (Crick), PI: Charlie Swanton

The likelihood of lung tumour initiation after EGFRmut activation: how does air pollution flip the switch?

4.10 – 4.50pm

Keynote: Karen Brown (University of Leicester)

Chair: Peter Sasieni

From bedside to bench and beyond – resveratrol for cancer prevention

4.50 – 4.55pm

Closing remarks

4.55 – 7.30pm

Drinks reception