

Cambridge Precision Breast Cancer Symposium

22nd March 2024 at St John's College, Cambridge, UK

#CPBC2024

Program - Morning

8.30 Registration and morning refreshments in the **Central Hall**

Lecture Theatre

9.00 Welcome from **Prof Jason Carroll**

9.05 **Keynote1:** *Talking with patients about risk and uncertainty in genomic and genetic testing.*
Prof Dame Lesley Fallowfield, Professor of Psycho Oncology, Brighton and Sussex Medical School.

Session 1. Research participants and informed consent

9.45 Cancer Centre Patient Film Premiere. The **Precision Breast Cancer Institute** invited Sharron, Jenny, Jean, Sally and Beccy to tell us about their experience of breast cancer treatment and their contributions to research.

9:50 *Clinical Research Consent – can we do better?*
An interactive session including a quiz and panel discussion, led by **Prof Jean Abraham**, Professor of Precision Breast Cancer Medicine, University of Cambridge.

10.30 Morning refreshments, poster and stand viewing in the **Central Hall**

Lecture Theatre

Session 2. Research from Cambridge

11.00 *Building the Triple Negative Breast Cancer tissue time machine: the hurdles, the progress, the success.*

Prof Gregory Hannon, Director of Cancer Research UK Cambridge Institute & Royal Society Research Professor of Molecular Cancer Biology.

11.25 *Exploiting ER-PR interaction: results of the PIONEER window-of-opportunity trial*

Dr Rebecca Burrell, NIHR Academic Clinical Lecturer in medical oncology, Department of Oncology, University of Cambridge.

11:50 *The use of preclinical bone marrow models to guide DNA Damage Response inhibitor.*

Dr Mark O'Connor, Chief Scientist, Early Oncology Discovery & Head of DNA Damage Response (DDR), AstraZeneca, Cambridge.

12.25 *Poster talk 1: Integrated whole-organ imaging and spatial molecular profiling reveal phenotypic heterogeneity in a mouse model of triple-negative breast cancer metastasis.*

Dr Claire Mulvey, Principal Scientific Associate, CRUK Cambridge Institute, Li Ka Shing Centre, University of Cambridge.

12.30 Lunch, poster and stand viewing in the **Central Hall**



Symposium Programme – Afternoon

Lecture Theatre

13.30 Welcome from **Prof Jean Abraham**

13.35 **Keynote 2:** *Therapeutic hyper-activation of oncogenic signalling as a cancer treatment strategy.*

Prof René Bernards, Professor of molecular carcinogenesis, Utrecht University & molecular oncologist, The Netherlands Cancer Institute.

Session 3. Research from the CRUK Cancer Centres

14.10 *Targeting HR deficient TNBC - Extending PARPi indications and informing therapy after resistance.*

Prof Andrew Tutt, Head of the Division of Breast Cancer Research & Director of the Breast Cancer Now Toby Robins Research Centre at the Institute of Cancer Research & Guy's Hospital King's College London.

14.35 *Epigenetic regulation of breast cancers.*

Dr Sankari Nagarajan, Lecturer in Chromatin Biology, CRUK Career Establishment Award holder, Division of Molecular & Cellular Function, The University of Manchester.

15.00 *Regulation of breast cancer metastasis by gamma delta T cells.*

Prof Seth Coffelt, Professor of Cancer Immunology, School of Cancer Sciences, University of Glasgow.

15.25 Poster talk 2: *Spatial Immune Cell Distribution Can Refine Prognosis in Early Stage ER+/Her2-/Ln- Breast cancer.*

Zak Kinsella, Molecular Pathology PhD Studenty, Royal College of Surgeons, Dublin.

15.30 Afternoon refreshments in the **Central Hall**

Session 4. Challenges for the Future

16.05 *Breast screening program of the pink caravan mobile medical clinic (an initiative of friends of cancer patients)*

Dr Sahar Idris, Radiology Specialist, MD, Pink Caravan breast cancer initiative, Friends of Cancer Patients, United Arab Emirates (*virtual*).

16.30 *Breast imaging research – an update.*

Prof Fiona Gilbert, Professor of Radiology, University of Cambridge School of Clinical Medicine & Honorary Consultant Radiologist, Cambridge University Hospitals NHS Foundation Trust.

16:55 Poster prizes and closing remarks – Jean Abraham and Jason Carroll

17.00 Drinks and Canapes reception in the **Central Hall**

18.30 Close

Exact Sciences UK, Ltd. has had no input or influence on the agenda

