Recent technological advances in genomics, computational biology and immunology have made individualised therapies for cancer patients a reality. Moreover, exciting developments in cell and gene therapy have made the translation of such individualised discoveries to personalised advanced therapeutic medicinal products (ATMPs) possible. This era of novel individualised therapeutics challenges the traditional standards of therapeutic intervention and provides real opportunities for a paradigm shift in our approach to cancer therapy. This symposium brings together some of the world leaders in genomics, computational biology, immunology and ATMPs to discuss the state-of-the-art with a focus on gynaecological cancers. We hope that the symposium will provide a forum for discussion of future directions in this field.

Scientific Committee

Professor Ahmed Ashour Ahmed
Cancer Genomics, Immunology and Cell Biology

Dr David Church
Cancer Genomics and Immunology

Dr David Wedge
Cancer Genomics and Computational Biology
Confirmed Speakers

**Dr James Brenton**
Senior Group Leader, Cancer Research UK Cambridge Institute, Honorary Consultant in Medical Oncology, Addenbrooke’s Hospital, Cambridge University Hospitals

**Professor Peter Campbell**
Head of Cancer, Ageing and Somatic Mutation, and Senior Group Leader, Sanger Institute

**Dr Stuart Curbishley**
Head of Business and Project Development, Advanced Therapies, University of Birmingham

**Professor Michael Dustin**
Professor of Immunology and Wellcome Principal Research Fellow, Director of Research of the Kennedy Institute

**Dr Nicholas McGranahan**
Group Leader in Cancer Genomics Bioinformatics and Somatic Evolution, CRUK-UCL Lung Centre of Excellence

**Dr Martin Miller**
Group Leader in Cancer Systems Biology, Cancer Research UK Cambridge Institute

**Dr Jurgen Schmitz**
Head of Research & Development, Miltenyi Biotec

**Professor Len Seymour**
Professor of Gene Therapies, University of Oxford

**Dr Peter Van Loo**
Winton Group Leader in Cancer Genomics, The Francis Crick Institute

**Professor Chris Yau**
Professor of Artificial Intelligence, University of Manchester and Fellow, The Alan Turing Institute