



## MEET THE SPEAKERS



**Professor Andrew Beggs**, Professor of Cancer Genetics & Surgery, University of Birmingham

**When:** Thursday 16<sup>th</sup> April, 10am

**Session:** Future of Oncology- Artificial Intelligence

**Topic:** AI in Genomics

Andrew Beggs is a Professor of Cancer Genetics & Surgery in the Institute of Cancer and Genomic Sciences, University of Birmingham. He is also the Deputy Director of the Birmingham Experimental Cancer Medicine Centre and Theme Lead for Biomarkers and Liquid Biopsy.

He also is Head of Somatic Cancer in the Central and South Genomic Medicine Service Alliance. He is Co-Lead of the Translational Biology and Genetics research theme within the Institute of Cancer and Genomic Sciences. He is a fellow of the Alan Turing Institute and has recently been awarded an MRC Senior Clinical Fellowship.

Currently funded by multiple industrial partners as well as the MRC, BBSRC, Sarcoma UK and Cancer Research UK, Andrew's lab research encompasses organoid models of cancer, cancer biology and omics technologies in medicine. He is also a Consultant Colorectal & General Surgeon at the Queen Elizabeth Hospital in Birmingham with specialist interest in laparoscopic (keyhole) cancer surgery and familial cancer syndromes for which he runs as part of a national service. He is also an honorary consultant surgeon at Birmingham Childrens and Women's Hospitals.

His major research interests include solid tumour cancer biology and translational medicine. He has published articles in Nature, Nature Biotechnology, Nature Genetics, the BMJ, The Lancet, Gut, Journal of Pathology and PLoS Genetics. He collaborated in writing the European consensus guidelines for the management of Peutz-Jeghers syndrome.



## MEET THE SPEAKERS

His laboratory also has interests in method development, holding the IP on long read sequencing of the Human Leucocyte Antigen (HLA) complex of genes as well as biochemical methods of sensing SNP alleles at room temperature and rapid amplification of RNA (RTF-ExPAR). During the COVID-19 pandemic he became a scientific adviser to the DSHC on COVID-19 diagnostics and is the Chief Clinician of the LFD Digital Read programme.

**>> Find out more – Visit the Conference Website**