



“The 100,000 Genomes Project”

Brighton & Sussex Medico-Chirurgical Society lecture

AEB Ground Floor Lecture Theatre

Thursday 1st November 2018, 7-8 pm

ALL WELCOME

Professor Tim Hubbard is the Head of Department of Medical and Molecular Genetics at King's College London and overall Director of Bioinformatics for King's Health Partners/King's College London. He is an Honorary Faculty at the Wellcome Trust Sanger Institute in Cambridge, UK. He is also the Head of Bioinformatics at Genomics England, the company set up by the Government to help deliver the 100k Genome Project.

His research interests are in Genomics & Bioinformatics, particularly the mainstreaming of whole genome sequencing into health systems for rare disease and cancer diagnostics, as well as enabling real time decision support for personalisation of treatment. He heads the national programme that will focus on cancer and rare diseases and will enable pioneering research to decode 100,000 human genomes, a scale not seen anywhere else in the world.

He will talk about the 100,000 Genome project, which began in February 2015, has the potential to transform the future of healthcare. It could improve the prediction and prevention of disease, enable new and more precise diagnostic tests, and allow personalisation of drugs and other treatments to specific genetic variants.