SynbiCITE-the UK's Centre for Synthetic Biology Aimed at Inspiring Innovation and Acceleration of Discovery to Industry

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Abstract
Professor Kitney will present an overview of the work undertaken in our synthetic biology centre including the work we are undertaking the Genome Foundry. As member of the Ministerial Committee and one of the main authors of the 2 UK Roadmaps for Synthetic Biology, Prof. Kitney will provide some background on the development of government policy in relation to synthetic biology in the UK.

Biography
Prof Kitney has been working at the forefront of synthetic biology for many years and has been pivotal in shaping its development in the UK from the outset of UK investment in the technology around 2002-2003. He has championed synthetic biology to the public, industry, governments and learned societies, is pre-eminent and globally recognised as pioneering in the field; as a Visiting Professor at MIT and Co-Chair of the joint inquiry by The Royal Academy of Engineering and the Academy of Medical Sciences on Synthetic and Systems Biology. Prof Kitney has led UK R&D and translation of Synthetic Biology for more than a decade. As Chair of The Royal Academy of Engineering Inquiry into Synthetic Biology and a member of The Royal Society’s working group on synthetic biology, Prof Kitney was one of the main authors of the UK Roadmap for Synthetic Biology.

Prof Kitney has driven - and leads - the UK's approach to the technology, its development and translation into industrially useful products, tools, processes and services alongside educating future synthetic biologists. Kitney co-directs - with Professor Paul Freemont – the UK’s first R&D centre for synthetic biology R&D and innovation (CSynBI), the Synthetic Biology Hub at Imperial College London and SynbiCITE. Kitney has published over 300 papers in the fields of synthetic biology, mathematical modelling, biomedical information systems, and medical imaging and has worked extensively in and with industry. In June 2001, Professor Kitney was awarded The Order of the British Empire (OBE) in the Queen's Birthday Honours List for services to Information Technology in Biomedicine."