



The Royal College of **Pathologists**

Pathology: the science behind the cure

Innovation and Technology: Clinical Scientists Challenging Healthcare Boundaries

30 January 2020

To be held at Royal College of Pathologists, 6 Alie Street, London E1 8QT

CPD: 7

The UK has always been at the forefront of scientific excellence. From the discovery of antibiotics, the development of the laser scanning confocal microscope, to our world-leading 100,000 Genomes project, we have a proud history of medical breakthrough and innovation. By giving staff brand new innovations and technology to work with, or being at the heart of research to innovate and develop new technology clinical scientists are able to quickly translate and share advances across the health and social care system and directly contribute to patient outcome. The UK has strong and growing life sciences sector which translates physical science advances into patient focused technologies.

RCPath comes together with the Rosalind Frank Institute on this event to showcase the role the clinical scientist plays in translating innovations into the clinic. Internationally leading academics will present leading examples of emerging and postulated technologies and discuss how they can revolutionise healthcare. Leading clinical scientists will present on current and emerging innovations in the use of novel technology in healthcare. The event will provide opportunities for networking and open discussion to direct future interdisciplinary research and technology development.

08:30 Registration and refreshments

09:00 Welcome and Introduction

09:10 Healthcare Science driving Innovation - **Professor Sue Hill, London**

10:00 Role of Technology and improving early diagnosis - **Sir John Bell, Oxford**

10:50 Questions

11:10 Refreshments

11:30 Clinical potential for large volume Electron Microscopy - **Dr Lucy Collinson, London**

12:00 Genomics - **Professor Sian Ellard, Exeter**

12:30 Questions

12:50 Lunch

13:40 Gene Therapy - **Professor Matthew Wood, Oxford**

14:10 Mass spectrometry - **Professor Zoltan Takats, London**

14:40 Questions

15:00 Refreshments

15:20 The London Medical Imaging & Artificial Intelligence Centre for Value-Based Healthcare -
Professor Sebastian Ourselin, London

15:50 Topic TBC

16:20 Questions

16:40 Roundtable discussion – Including all speakers of the event

17:10 Close