



RCPE Symposium – Futuristic Medicine

Live-link to Ballina

Friday, 1st February 2019

Venue: Multidisciplinary Unit (UCRH), Ballina District Hospital

- 20.00** Registration and light refreshments
20.25 Welcome and Introductory Remarks
by President, Royal College of Physicians of Edinburgh

Session 1 - A future foretold

Chair: Dr Susan Pound, Vice-President, RCPE

- 20.30** Healthcare in the 4th industrial revolution
Professor Andrew Morris, Professor of Medicine and Vice-Principal, Data Science, University of Edinburgh
*the size of the challenge *the tools for the job *the prospect for change
- 21.00** The determinants of disease - lessons from the UK Biobank
Professor Cathie Sudlow, Chief Scientist, UK Biobank
*the size of the resource *the impact to date *the prospects for treatment and cure
- 21.30** BREAK

Session 2 - To repair, renew and replace

Chair: Dr Conor Maguire, Director of Education, RCPE

- 22.00** Tissue regeneration and repair - from the petri dish to the bedside
Professor Sue Kimber, Professor of Stem Cells and Development, Faculty of Biology Medicine and Health, University of Manchester
*stem cells *clinical cell-based therapy *future of cell based therapy
- 22.30** Extremes of human physiology - sorting out adaptive and maladaptive processes
Dr Kenneth Baillie, Wellcome Beit Fellow, Roslin Institute, University of Edinburgh
* high altitude adaptation * understanding critical illness *potential therapeutic targets
- 23.00** New approaches to the management of valvular heart disease
Dr Marc Dweck, BHF Reader in Cardiology and Consultant Cardiologist, University of Edinburgh
*what does the future hold? *novel percutaneous techniques *optimising the timing of intervention *medical therapy
- 23.30** Parkinson's - from the clinic to lab to clinic
Professor Roger Barker, Professor of Clinical Neuroscience, University of Cambridge
*disease heterogeneity and implications for treatment *novel therapies

00.00 END

More information available on the following website: <http://events.rcpe.ac.uk/futuristic-medicine>

RSVP via email to Dr Tien Khoo (t.khoo@griffith.edu.au) by 30th January 2019