

# Precision Medicine and Digital Health Technology Showcase Oxford 2017



Date: 27 June 2017

Saïd Business School, University of Oxford, Park End St, Oxford OX1 1HP

## Programme

12:00 - 13:00	<b>Said Business School (SBS) Foyer Registration Lunch and Exhibition</b>
13:00 - 14:00	<b>Nelson Mandela Lecture Theatre Welcome Lectures</b> Professor Keith Channon - Director, NIHR Oxford Biomedical Research Centre  Dr Matt Perkins - CEO, Oxford University Innovation  Dr Nick Scott-Ram - Director of Commercial Development, Oxford AHSN  Dr Manuel Pinuela – CBO, Drayson Technologies Title: Mapping the Personal Health Space  Dr Nigel Pitchford - Chief Investment Officer, Touchstone Innovations Title: What works....?
14:00 - 15:15	<b>Nelson Mandela Lecture Theatre Stream 1. Digital Technologies Theme A. Wearable Technologies and monitoring devices</b> Professor Lionel Tarassenko - Professor of Electrical Engineering, University of Oxford Title: Wearables: from consumer devices to healthcare products?  Speaker: Professor Maarten de Vos - Associate Professor in Engineering Science, University of Oxford Title: Inobtrusive monitoring of sleep and circadian rhythms at home  Speaker: Dr Tim Bonnici – Clinical lecturer, The Institute of Biomedical Engineering (IBME) Title: SEND A digital patient safety system  Speaker: Dr Karl Surmacz - Principal Data Scientist at McLaren Applied Technologies Title: Real-world data-driven dynamic patient engagement  Speaker: Dr Alessandro Guazzi, - CEO Sentimoto Title: Mens sana in corpore sano: measurement and prevention in social care

14:00 - 15:15

### Rhodes Trust Lecture Theatre

#### Stream 2. Precision Medicine

Plenary: -

##### Theme A. *In vitro* Diagnostics for Personalized Medicine

Professor Anna Schuh - Associate Professor and Director for Molecular Diagnostics

Title: Development, validation and implementation of precision diagnostics for blood cancers and solid tumours in the NHS

Speaker:

Dr Ian Campbell - Director - Health and Life Sciences, Innovate UK

Title: Driving productivity and economic growth in health and life sciences

Speaker:

Michael Simpson – Co Head of Science, Genomics plc

Title: Genomics, big data and better health

Speaker:

Dr Gordon Sanghera – CEO, Oxford Nanopore Technologies

Title: Power in your pocket: taking real time DNA information out of the lab towards the point of care

Speaker:

Dr Graham Speight – Oxford Gene Technology

Title: Targeted NGS Panels Towards Precision Medicine in Oncology

15:15 - 16:00

### Said Business School (SBS) Foyer

#### Afternoon Tea, Exhibition and Networking

16:00 - 17:15

### Nelson Mandela Lecture Theatre

#### Stream 1. Digital Technologies

##### Theme B. Pathway Reconfiguration

Plenary:

Mr Peter Knight - Chief Information and Digital Officer, Oxford University Hospitals NHS Foundation Trust

Title: Strategic Digital Health Solutions for Pathway Innovations

Speaker

Seán Wetherall - Oneview Healthcare PLC

Title: Digital Pathways – Transforming Healthcare

Speaker

Dr Nick de Pennington - Digital Health Innovation Lead, Oxford

University Hospitals NHS Foundation Trust & Founder, Ufonia Limited

Title: Healthcare conversations, two digital solutions...

Speaker

Professor Helen Dawes - Faculty of Health and Life Sciences

Oxford Brookes University

Title: Gait crashers, monitoring activity and movement in the wild

Speaker

Dr Dario Salvi - PostDoc researcher at University of Oxford

Title: Mobile-phone-based six-minute walk test



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## Rhodes Trust Lecture Theatre

16:00 - 17:15

## Stream 2. Precision Medicine

## Theme B. Targeted Therapeutics

Professor Chris Chamberlain - VP Head Experimental Medicine and Diagnostics, UCB

## Title: The molecular deconstruction of disease: a route to better targeted therapy

Speaker: Professor Ian Pavord - Professor of Respiratory Medicine, University of Oxford  
Title: Precision management of airways disease

Speaker Dr Wen Hwa Lee - Director of the Disease Foundations Network programme at the Structural Genomics Consortium.  
Title: Open Science accelerating identification of novel targets for therapeutics

Speaker Professor Paresh Vyas – Professor of Haematology, University of Oxford  
Title: Tracking cancer through treatment to improve outcome – using Acute Myeloid Leukaemia as an exemplar: opportunities and challenges for the NHS

Speaker Ahmed Ahmed – Professor of Gynaecological Oncology, University of Oxford  
Title: Targeting SIK2 to prevent ovarian cancer metastasis

## Nelson Mandela Lecture Theatre

## Expert Panel Discussion and closing remarks

Chair: Professor Keith Channon – Director, NIHR Oxford Biomedical Research Centre

Panel: Peter Knight, Chief Information and Digital Officer, Oxford University Hospitals NHS Trust

Professor Gary Ford, CEO, Oxford AHSN

Professor Chris Chamberlain - VP Head Experimental Medicine and Diagnostics, UCB

Professor Hugh Watkins - Radcliffe Professor of Cardiovascular Medicine, University of Oxford

18:00 18:30

**Said Business School (SBS) Foyer**  
**Drinks and Networking.**

Organising partners:

Oxford Biomedical Research Centre



**NHS**  
*National Institute for  
Health Research*

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