

# Translation in Healthcare – Exploring the Impact of Emerging Technologies

Mathematical Institute, Woodstock Road, Oxford

23 – 25 June 2015

<b>TUESDAY 23 JUNE 2015</b>	
1300 - 1400	<b>Conference Registration</b>
1400- 1420	<b>WELCOME</b> <b>Lecture Theatre 2</b> Professor Jane Kaye University of Oxford
1420 - 1600	<b>PLENARY I</b> <b>What is ‘translation’ and what are the challenges?</b> Prof. Eric Juengst, University of North Carolina, USA Prof Kazuto Kato, Osaka University, Japan Alastair Kent, Genetic Alliance, UK Prof. Eric Meslin, University of Indiana, Indiana USA Prof. Amy McGuire, Baylor College of Medicine, Houston USA Chair: Prof. Tim Caulfield, University of Alberta, Canada
1600- 1700	<b>Refreshments</b>
1700- 1830	<b>DISCUSSION FORUMS</b> <b>Breakout Rooms</b> Conference participants will be allocated to small groups to further explore the issues raised by the plenary panel
1830- 1930	<b>Welcome Drinks and Canapés</b> <i>Mathematical Institute</i> <i>Common Room</i> Welcome by Prof. Sir Rory Collins, University of Oxford  Launch of ELSI2.0 e-workspace
1930	<b>FURTHER DEBATE</b> Oxford is known for the lively academic debates and conversations that take place in many of its pubs. In the spirit of this tradition, we will start our journey at the Royal Oak and move on to the Eagle and Child, where Tolkien and CS Lewis used to meet every Tuesday afternoon.

**WEDNESDAY 24 JUNE 2015**

0800 -  
0900

**Refreshments available**

0900 -  
1030

**PLENARY II  
The Clinic of the Future**

Prof. Nine Knoers, Utrecht, Netherlands

Prof. Tim Caulfield, University of Alberta, Canada

Dr. Kassim Javaid, NDORMS, University of Oxford, UK

This panel will speculate on what the clinic of the future might look like and how emerging technologies such as genome sequencing are affecting healthcare delivery.

1030-  
1100

**Morning Refreshments**

**CONCURRENT PRESENTATION SESSIONS**

	<b>Innovative Engagement</b>	<b>Disruptive Technologies</b>	<b>Protecting Innovations</b>	<b>Personalised Medicine</b>
1100-1130	<b>Teare et. al</b> Views of biobank participants regarding Dynamic Consent	<b>Rödiger</b> Translational Neuroscience Research: Potential Applications of Brain-Computer Interfaces in Healthcare	<b>Mnisi</b> A Normative Case for the Patentability of Human Embryonic Stem Cell Technologies	<b>Dickenson</b> A reality check for personalised medicine: just a few errors in translation?
1130-1200	<b>Soo-Jin Lee</b> Citizen Science: Mapping Values and Relational Ethics in Crowdsourcing in Genomic Research	<b>Haimes &amp; Taylor</b> What's in a name? Identifying multiple representations of women who provide eggs for mitochondrial research	<b>Rial-Sebbag et. al.</b> The legal and ethical dilemma of embryonic stem cells: an impediment to translation in medicine?	<b>Budin Ljøsne</b> Patient and interest organizations' views on personalized medicine
1200-1230	<b>Charbonneau et. al.</b> - Think before you spit: ELSI and the Direct-to-Consumer Genetic Testing Space	<b>Strange</b> From NIPD to NIPT: biopolitical implications of an emerging reproductive technology	<b>Sterckx &amp; Cockbain</b> Patenting of human genes and their uses in diagnostic tests: Recent developments in the US and Europe	<b>Skopek</b> Fragmentation and Blurring in Personalized Medicine

1230-  
1430

**ACTIVITY ZONE (including LUNCH)**

ECOUTER – online mind mapping led by Prof. Madeline Murtagh; ELSI 2.0 Helpdesk; Artist in Residence; Talking Wall (glass walls to write thoughts on); Selfies Competition (use your mobile phones to capture the moment); Haiku/Limerick competition; Walk and Talk (take a new colleague and see the scientific sights of Oxford); Live Twitter Feed

**PECHA KUCHA**

Slides move on automatically to keep everything on time. Fast, furious and fun!

1430-1530	<p><b>Dheensa</b> - Children in the UK 100,000 Genomes Project.</p> <p><b>Sasongko</b> - Practical and Ethical Challenges in Molecular Diagnostic Services of Genetic Disorders; Experiences of Universiti Sains Malaysia.</p> <p><b>Bertier</b> - ELSI challenges associated with clinical applications of exome sequencing: A systematic literature review.</p>	<p><b>Mano</b> - Online health information and health changes among e-patients in Israel.</p> <p><b>Silverman</b> - Epigenetics in Health Policy: Ethical and legal considerations in the assessment of environmental harms.</p> <p><b>Blasimme</b> - Clinical politics: new entanglements of life and power.</p>	<p><b>Salman</b> -Translating novel technologies from bench to bedside: a legal perspective on the standard of care.</p> <p><b>Hewitt</b> - Socio-legal factors effecting the integration of pharmacogenomics; the Abacavir experience.</p> <p><b>Ho</b> -Different Models In Governance: National Biobanks A Comparative Perspective</p>
1530-1615	<b>Afternoon Refreshments</b>		
1615-1745	<p><b>PLENARY III</b>  <b>My Data, Open Data, Big Data</b></p> <p>Prof. Bartha Knoppers – Towards a Human Rights Foundation for Data Sharing  Prof. Sigrid Sterckx – Healthcare and Big Data in the UK: Controversies surrounding care.data  Prof. Gil McVean – Using Big Data approaches in Research  Prof. Martin Richards – Recommendations from the Nuffield Council Report on Big Data  Chair: Prof. Martin Landray, University of Oxford</p>		
1900-2130	<b>NETWORKING EVENT NATURAL HISTORY MUSEUM</b> <b>Food Bowls and Drinks</b>		
2130	<p><b>FURTHER DEBATE</b></p> <p>Our starting point for this event will be the Kings Arms, one of the oldest pubs in Oxford built in 1607, frequented by many students and dons.</p>		

<b>THURSDAY 25 JUNE 2015</b>					
0800-0900	<b>Refreshments available</b>				
0900-1030	<p><b>PLENARY IV</b>  <b>From Benchside to Bedside to Populations</b></p> <p>Prof. Mike Burgess – University of British Columbia, Canada  Dr. Fred Kemp – ISIS Innovation, Oxford</p>				
1030-1100	<b>Morning Refreshments</b>				
<b>CONCURRENT PRESENTATION SESSIONS</b>					
	<b>Governance of New Technologies</b>	<b>Hope and Uncertainty</b>	<b>Data Sharing</b>	<b>Clinical Applications of WGS</b>	<b>Policy Development</b>

1100-1130	<b>Laurie</b> Liminality and the limits of law in health research regulation - what is helping or hindering translation in healthcare?	<b>Dimond</b> Living with mitochondrial disease and responses to novel (and controversial) reproductive technologies	<b>O'Doherty et.al.</b> - Unintended Uses of Health Data: The Need for Robust Democratic Governance	<b>Mitchell et. al.</b> - The duty of care of healthcare professionals?	<b>Peacock et. al.</b> Public input on priority setting and the high cost of cancer drugs: results from a public deliberation event in Vancouver, BC
1130-1200	<b>Morrison</b> Why You Need a Data Sharing Policy : Internal governance of consortia	<b>Rial-Sebbag &amp; Blasimme</b> Translation of Stem Cells therapies: How to Balance Hope and Uncertainties?	<b>Krleza-Jeric et.al</b> IMPACT Observatory of Clinical Research Regarding Data Sharing	<b>Leonard</b> When Opportunity Knocks? A European perspective on the translation of WGS technology into the clinical setting	<b>Hall</b> Realising Genomics in Clinical Practice: a case study in translation
1200-1230	<b>Hogarth</b> Regulation as translation: the FDA and personalised medicine	<b>Chico</b> TBC	<b>Langanke &amp; Fischer</b> Clinical Decision-Making and Secondary Findings in Systems Medicine	<b>Carrieri</b> Is there an ethical and/or legal obligation for healthcare providers to re-contact former patients in light of new genetic findings?	<b>Littler</b> Policy development and research behaviour: a funders perspective
1230-1400	<b>ACTIVITY ZONE (including LUNCH)</b> ECOUTER Results Artist in Residence Exhibition Results of Competitions and Awards				
1400 - 1500	<b>CONCURRENT WORKSHOPS</b>  Burgess, Koenig & O' Doherty <i>Spending our money, shaping our futures: Deliberative public engagement for policy and governance</i> Newson et.al <i>Known Unknowns? Building an ethics of uncertainty into genomic medicine</i> Phillips & Finlay <i>DNA A click away: "agreements" in DTCGT</i> Kaye, Nicol & Chalmers <i>Embedding Biobanks as Tools for Translational Research</i> Zimmern & Meslin <i>Personalized Prevention in an Era of Personalised Medicine: Who should be responsible – Citizens, Physicians, or the State?</i>				
1500-1600	<b>PLENARY V</b> <b>WHERE DO WE GO FROM HERE?</b>  Prof. Tim Caulfield, University of Alberta, Canada Prof. Eric Juengst, University of North Carolina USA Prof Kazuto Kato, Osaka University, Japan Prof. Eric Meslin, University of Indiana, USA Prof. Amy McGuire, Baylor College of Medicine, USA Prof. Sigrid Sterckx, Ghent University, Belgium  <b>Chair: Prof. Jane Kaye</b>				

1600	<b>CONFERENCE CLOSES</b>
1630	Optional Punting afternoon (weather dependent!) Enjoy a punt along the rivers of Oxford before returning home

PROVISIONAL PROGRAMME