

The Milner Therapeutics Symposium: *Building Collaborations to Transform Therapies*

A series of online events starting 12th June 2020

Speaker presentations will be available online >24hrs ahead of live Q&As. Access the talks and join the live sessions using your unique log-in details sent to you after registration [here](#)

Introduction to the Milner Therapeutics Institute – Tony Kouzarides, Director and Co-founder	
Plenary Session 1. Live Q&A 12th June	
10:00 – 10:30	Teiji Kimura – Eisai <i>Eisai's way: Drug discovery beginning at human health care</i>
15:30 – 16:00	Giovanna Mallucci – UK Dementia Research Institute, University of Cambridge <i>Targeting the UPR for treatment of dementia</i>
16:00 – 16:30	Jonathan Weissman – Whitehead Institute, MIT & Howard Hughes Medical Institute <i>Continuous lineage recording reveals rapid, multidirectional metastasis in a lung cancer xenograft model in mouse</i>
Plenary Session 2. Live Q&A 25th June	
13:00 – 13:30	Richard Gilbertson – Cancer Research UK Cambridge Institute, University of Cambridge <i>Where does cancer come from? – a route to prevention</i>
13:30 – 14:00	Sarah Bohndiek – Cancer Research UK Cambridge Institute, University of Cambridge <i>Shedding light on tumour evolution</i>
14:00 – 14:30	Madeline Lancaster – MRC Laboratory of Molecular Biology <i>New directions for human brain organoids</i>
Investment and Start-ups in Cambridge. Live Q&A 26th June	
This session will be hosted in partnership with the new University Enterprise Zone.	
13:00 – 14:00	Jason Mellad – Start Codon Short talks from 4 cohort companies in the Start Codon programme
Disease-relevant Models for Target Discovery session. Live Q&A 1st July	
13:00 – 14:00	David Walter – Joint AstraZeneca-Cancer Research UK Functional Genomics Centre <i>Accelerating the development of new treatments for people with cancer</i>
	Lisa Mohamet – GlaxoSmithKline <i>Generation, validation & application of iPSC models to functional genomics</i>
	Margherita Turco – Centre for Trophoblast Research, Dept of Pathology, University of Cambridge <i>Organoids for the study of human endometrial physiology and disease</i>
	Mark Kotter – Bit Bio <i>An inducible genetic switch for the scalable reprogramming of human iPSCs to distinct neuronal subtypes</i>
	Kourosh Saeb-Parsy – Dept of Surgery, University of Cambridge <i>Propelling translational science: creating synergy through multidisciplinary networks</i>
CNS Therapeutics session. Live Q&A 9th July	
13:00 – 14:00	David Rowitch – Wellcome-MRC Cambridge Stem Cell Institute, University of Cambridge <i>Genomic medicine in paediatrics: an opportunity for brain regenerative therapies.</i>
	Michele Vendruscolo – Centre for Misfolding Diseases, Dept of Chemistry, University of Cambridge <i>Drug discovery by chemical kinetics in protein misfolding diseases</i>
	Zanna Voysey – Cambridge Centre for Brain Repair, University of Cambridge <i>Sleep better live better? Novel sleep therapies and their relevance to dementia</i>

	<p>Selena Wray – University College London <i>Probing the molecular mechanisms of familial Alzheimer's disease using patient derived stem cell models</i></p> <p>Gabriel Balmus – UK Dementia Research Institute, University of Cambridge <i>DNA Repair in nucleotide repeat expansion disorders: friend or foe?</i></p>
<p>Interdisciplinary Research in Disease session. Live Q&A 15th July This session will be hosted in partnership with the new University Enterprise Zone.</p>	
13:00 – 14:00	<p>Kathryn Chapman – Milner Therapeutics Institute, University of Cambridge <i>University Enterprise Zone: building a bridge</i></p>
	<p>Cecilia Mascolo – Department of Computational Science and Technology, University of Cambridge <i>Mobile health diagnostics through audio signals</i></p>
	<p>Ali Yetisen – Imperial College London <i>Leveraging wearable device data in therapeutics</i></p>
	<p>Kevin Chalut – Wellcome-MRC Cambridge Stem Cell Institute, University of Cambridge <i>Mechanical signaling and cell fate</i></p>
	<p>Ruth Cameron – Cambridge Centre for Medical Materials, University of Cambridge <i>Cell-support frameworks in three dimensions</i></p>
<p>Oncology session. Live session 17th September</p>	
13:00 – 16:00	<p>Simon Cook – Babraham Institute <i>Targeting melanoma's MCL1 bias unleashes the apoptotic potential of BRAF and ERK1/2 pathway inhibitors</i></p>
	<p>Tim Halim – Cancer Research UK Cambridge Institute, University of Cambridge <i>ILC2-driven innate immune checkpoint antagonizes NK cell anti-metastatic function</i></p>
	<p>Mat Robinson – Microbiotica <i>Precision microbiome mapping identifies a microbiome signature predictive of Immune Checkpoint Inhibitor response across multiple research study cohorts</i></p>
	<p>Serena Nik-Zainal – MRC Cancer Unit and Dept of Medical Genetics, University of Cambridge <i>Holistic cancer genome profiling</i></p>
	<p>Rajesh Chopra – Apple Tree Partners <i>Emerging opportunities in oncology and where will funding come from in these uncertain times</i></p>