The Milner Therapeutics Symposium: Building Collaborations to Transform Therapies
A series of online events starting 12th June 2020

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
_Eisai’s way: Drug discovery beginning at human health care_

15:30 – 16:00  
Giovanna Mallucci – UK Dementia Research Institute, University of Cambridge
_Targeting the UPR for treatment of dementia_

16:00 – 16:30  
Jonathan Weissman – Whitehead Institute, MIT & Howard Hughes Medical Institute
_Continuous lineage recording reveals rapid, multidirectional metastasis in a lung cancer xenograft model in mouse_

Plenary Session 2. Live Q&A 25th June

13:00 – 13:30  
Richard Gilbertson – Cancer Research UK Cambridge Institute, University of Cambridge
_Where does cancer come from? – a route to prevention_

13:30 – 14:00  
Sarah Bohndiek – Cancer Research UK Cambridge Institute, University of Cambridge
_Shedding light on tumour evolution_

14:00 – 14:30  
Madeline Lancaster – MRC Laboratory of Molecular Biology
_New directions for human brain organoids_

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
_Accelerating the development of new treatments for people with cancer_

Lisa Mohamet – GlaxoSmithKline
_Generation, validation & application of iPSC models to functional genomics_

Margherita Turco – Centre for Trophoblast Research, Dept of Pathology, University of Cambridge
_Organoids for the study of human endometrial physiology and disease_

Mark Kotter – Bit Bio
_Mechanisms of Cellular Reprogramming_

Kourosh Saeb-Parsy – Dept of Surgery, University of Cambridge
_Propelling translational science: creating synergy through multidisciplinary networks_

CNS Therapeutics session. Live Q&A 9th July

13:00 – 14:00  
David Rowitch – Wellcome-MRC Cambridge Stem Cell Institute, University of Cambridge
_Genomic medicine in paediatrics: an opportunity for brain regenerative therapies._

Michele Vendruscolo – Centre for Misfolding Diseases, Dept of Chemistry, University of Cambridge
_Drug discovery by chemical kinetics in protein misfolding diseases_

Zanna Voysey – Cambridge Centre for Brain Repair, University of Cambridge
_Sleep better live better? Novel sleep therapies and their relevance to dementia_

Selena Wray – University College London

www.milner.cam.ac.uk
**Probing the molecular mechanisms of familial Alzheimer's disease using patient derived stem cell models**

**Gabriel Balmus** – UK Dementia Research Institute, University of Cambridge

**DNA Repair in nucleotide repeat expansion disorders: friend or foe?**

### Interdisciplinary Research in Disease session. Live Q&A 15th July

This session will be hosted in partnership with the new University Enterprise Zone.

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>13:00 – 14:00</td>
<td>Kathryn Chapman</td>
<td>Milner Therapeutics Institute, University of Cambridge</td>
<td>University Enterprise Zone: building a bridge</td>
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<td></td>
<td>Cecilia Masclo</td>
<td>Department of Computational Science and Technology, University of Cambridge</td>
<td>Mobile health diagnostics through audio signals</td>
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<td>Ali Yetisen</td>
<td>Imperial College London</td>
<td>Leveraging wearable device data in therapeutics</td>
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<td>Kevin Chalut</td>
<td>Wellcome-MRC Cambridge Stem Cell Institute, University of Cambridge</td>
<td>Mechanical signaling and cell fate</td>
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<td>Ruth Cameron</td>
<td>Cambridge Centre for Medical Materials, University of Cambridge</td>
<td>Cell-support frameworks in three dimensions</td>
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### Oncology session. Live Q&A 17th September

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<tr>
<td>13:00 – 14:00</td>
<td>Serena Nik-Zainal</td>
<td>MRC Cancer Unit and Dept of Medical Genetics, University of Cambridge</td>
<td>Holistic cancer genome profiling</td>
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<td>John Morris</td>
<td>Cytiva</td>
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<td>Tim Halim</td>
<td>Cancer Research UK Cambridge Institute, University of Cambridge</td>
<td>ILC2-driven innate immune checkpoint antagonizes NK cell anti-metastatic function</td>
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<td>Simon Cook</td>
<td>Babraham Institute</td>
<td>Targeting melanoma’s MCL1 bias unleashes the apoptotic potential of BRAF and ERK1/2 pathway inhibitors</td>
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<td>Rajesh Chopra</td>
<td>Apple Tree Partners</td>
<td>Title to follow</td>
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