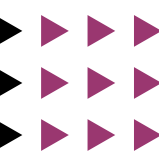




Saturday 18th March  
Robinson College  
9:30 - 17:00



# 2023 CONFERENCE



Embrace the Future: What's Achievable  
in the Next 10 Years?



# CONFERENCE SCHEDULE

---

**9:30**      **Registration & Breakfast**

**10:00**      **Welcome & Foreword**

Mr Daniyal Ashraf | Secretary of Building Bridges in Medical Science

**10:05**      **Is Obesity a Choice?**

Professor Giles Yeo MBE | Professor of Molecular Neuroendocrinology & programme leader at the MRC Metabolic Diseases Unit in Cambridge

**10:50**      **Could Age-related Diseases Be Reversible?**

Professor Peter J Barnes FRS, FMedSci | Professor of Thoracic Medicine at the National Heart and Lung Institute

**11:35**      **Creating a Step Change in Early Intervention in Mental Health: Challenges and Opportunities**

Professor Miranda Wolpert MBE | Director of Mental Health at Wellcome

**12:15**      **Lunch Break - Interactive Sessions**

With Companies & Cambridge Societies

**13:45**      **Navigating Success and Challenge in Life Sciences Entrepreneurship and Careers**

Dr Robert Tansley | Partner at the Cambridge (UK) based venture fund Cambridge Innovation Capital

Dr Maximilian Jakobs | CEO & Co-Founder of Deep Mirror

Dr Peter Kecskemethy | CEO & Co-Founder of Kheiron Medical Technologies

**15:00**      **Coffee Break**

**15:20**      **Advancements in Medical AI: Opportunities and Challenges**

Dr Reema Patel | Research Director and Head of Deliberative Engagement at Ipsos

Professor Vincent Mak | Professor of Marketing & Decision Sciences and Vice-Dean for Programmes & Research at Cambridge Judge Business School

Mr Mike Denis | CEO of Akrivia Health

**16:35**      **Closing Remarks**

Mr Chisomo Zimphango | President of Building Bridges in Medical Science

## PROFESSOR GILES YEO MBE

# IS OBESITY A CHOICE?



Giles Yeo got his PhD in molecular genetics from the University of Cambridge in 1998, after which he joined the lab of Prof Sir Stephen O’Rahilly, working on the genetics of severe human obesity. Giles Yeo is now a Professor of Molecular Neuroendocrinology and programme leader at the MRC Metabolic Diseases Unit in Cambridge and his research currently focuses on the influence of genes on feeding behaviour & body-weight. In addition, he is a graduate tutor and fellow of Wolfson College, and Honorary President of the British Dietetic Association.

Giles is also a broadcaster and author, presenting science documentaries for the BBC, and hosts a podcast called ‘Dr Giles Yeo Chews The Fat’. His first book ‘Gene Eating’ was published in December 2018, and his second book ‘Why Calories Don’t Count’ came out in June 2021.

Giles was appointed an MBE in the Queen’s 2020 birthday honours for services to ‘Research, Communication and Engagement’. He won the Society for Endocrinology Medal in 2022.

**PROFESSOR PETER J BARNES  
FRS, FMEDSCI**

## **COULD AGE-RELATED DISEASES BE REVERSIBLE?**



Peter Barnes is Professor of Thoracic Medicine at the National Heart and Lung Institute, was Head of Respiratory Medicine at Imperial College 1987-2017 and Honorary Consultant Physician at Royal Brompton Hospital, London. He qualified at Cambridge and Oxford Universities (first class honours). He has published >1500 peer-review papers on asthma, COPD and related topics and has written or edited over 50 books. He was recently named as in the top 10 most highly cited researchers in the world and has an h-index of 220 with >150,000 citations.

He was elected a Fellow of the Royal Society in 2007, the first respiratory researcher for over 150 years. He is currently a member of the Scientific Committee of the global guidelines on COPD (GOLD). He also serves on the Editorial Board of over 30 journals and is currently an respiratory Editor of Up-to-Date. He has given several prestigious lectures, including the Amberson Lecture at the American Thoracic Society, the Sadoul Lecture at the European Respiratory Society and the Croonian Lecture at the Royal College of Physicians, London.

He has been received honorary MD degrees from the Universities of Ferrara (Italy), Athens (Greece), Tampere (Finland), Leuven (Belgium) and Maastricht (Netherlands). He was elected a Master Fellow of the American College of Chest Physicians and the Academy of Europe. He was President of the ERS 2013/14. In 2020 he was awarded the Trudeau Medal of the ATS and elected to Honorary Fellowship of the British Pharmacological Society. He was awarded the Imperial College Medal in 2022. His research has focused on cellular and molecular mechanisms of asthma and COPD and their treatments.

## **PROFESSOR MIRANDA WOLPERT MBE**

### **CREATING A STEP CHANGE IN EARLY INTERVENTION IN MENTAL HEALTH: CHALLENGES AND OPPORTUNITIES**



Professor Miranda Wolpert is Director of Mental Health at Wellcome. Wellcome has made Mental Health one of its four key areas of focus (along with Climate and Health, Infectious Diseases and broad discovery research). Her work sets out to find and fund science that can support the development of effective early intervention could stop the escalation of Anxiety, Depression and Psychosis before they become lifelong, debilitating conditions, turning what are currently disabling chronic conditions into treatable acute episodes and stopping people being held back from achieving their life goals and contributing to society.

Miranda has a background as a clinician working for many years in child and family mental health in the NHS and has also worked as a policy advisors on mental health and informatics in the UK. Miranda retains her position as Professor in Evidence Based Research and practice at UCL where her research focuses on measuring outcomes of mental health treatments and making use of flawed data. Miranda was awarded an MBE for her services to children and young people's mental health.

# DR ROBERT TANSLEY

## NAVIGATING SUCCESS AND CHALLENGE IN LIFE SCIENCES ENTREPRENEURSHIP AND CAREERS



Robert Tansley is a partner at the Cambridge (UK) based venture fund Cambridge Innovation Capital. CIC is a venture capital firm with >£500 million under management. We invest in knowledge-intensive businesses in the Cambridge (UK) ecosystem across life sciences and deeptech; approximately half our portfolio of 40 companies are spin-outs from the University of Cambridge. Robert joined CIC in 2014 after spending 20 years in drug development, regulatory and commercialisation roles in both large pharma (Sanofi, Roche), a regulatory authority (the MHRA) and early stage biotech (including founder/CEO of Treague, founding CEO of Avilex Pharma and CMO at KalVista).

Robert qualified in medicine from University College London, he is a member of the Royal College of Obstetricians & Gynaecologists and the Faculty of Pharmaceutical Medicine and has an MBA from London Business School and an M.Phil in Biostatistics from the University of Cambridge.

# DR MAXIMILIAN JAKOBS

## NAVIGATING SUCCESS AND CHALLENGE IN LIFE SCIENCES ENTREPRENEURSHIP AND CAREERS



Max Jakobs holds degrees in Physics & Biology, published 9 peer reviewed publications in his PhD alone, and is an Enterprise Fellow at the Royal Academy of Engineering.

In 2019, he co-founded DeepMirror to democratise Machine Learning in the Life Sciences. DeepMirror went on to raise £800k from Angel investors and UKRI grants and is now building the tech stack for the Biopharma industry.

# DR PETER KECSKEMETHY

## NAVIGATING SUCCESS AND CHALLENGE IN LIFE SCIENCES ENTREPRENEURSHIP AND CAREERS



Dr Peter Kecskemethy is a serial entrepreneur and the CEO and Co-founder of Kheiron Medical, an AI cancer diagnostics company based in London. Kheiron's mission is to give a better fighting chance against cancer and its current focus is breast screening. Prior to Kheiron, Peter founded two tech start-ups and was lead developer in two others.

He is a computer scientist, and did his PhD and post-doctoral research at the University of Oxford in high performance computing and computational statistics for population genetics.



## DR REEMA PATEL

### ADVANCEMENTS IN MEDICAL AI: OPPORTUNITIES AND CHALLENGES



Reema Patel is a thought-leader in the fields of technology, data and AI ethics, public engagement and participation, and diversity, equity and inclusion. She is policy and public engagement lead for the ESRC's strategic £4m+ investment into the digital good (the Digital Good Network). Reema has undertaken work at the cross-section of three fields- technology ethics, public engagement and diversity. Between 2018-2022 she co-founded the Ada Lovelace Institute where she established its work on public engagement and participation. She led the Institute's public attitudes work on biometrics and facial recognition, and its work on social inequalities during the COVID19 pandemic response. She is an author of several Ada Lovelace Institute's reports, including Beyond Face Value, Rethinking Data, The Data Divide and Participatory Data Stewardship. She also co-authored a report for On Think Tanks on the global evidence base for public engagement.

# PROFESSOR VINCENT MAK

## ADVANCEMENTS IN MEDICAL AI: OPPORTUNITIES AND CHALLENGES



Vincent Mak is a Professor of Marketing & Decision Sciences (with tenure) at Cambridge Judge Business School, as well as the Vice-Dean for Programmes & Research at CJBS. He was a Visiting Assistant Professor at the Hong Kong University of Science and Technology – from where he obtained his PhD – prior to joining the Judge.

Vincent's research lies in how people and firms make strategic decisions as they interact with each other, and what economic and psychological factors influence those decisions. His work has appeared in major journals in business research, economics and psychology. He has been interviewed by or has his research featured in media outlets including The Economist, The Independent, The Times, The Telegraph, Cambridge Business, BBC Radio 4, and BBC Radio Cambridgeshire, among others.

## MR MIKE DENIS

### ADVANCEMENTS IN MEDICAL AI: OPPORTUNITIES AND CHALLENGES



Mike Denis led the spinout of Akrivia Health from the Department of Psychiatry, University of Oxford, in May 2019. He has over 30 years' experience working in NHS health informatics and digital programmes.

Denis operated a dual role across the Oxford AHSN and Oxford Academic Health Science Centre (AHSC) providing strategic leadership in linking core business goals through informatics, information governance and digital innovation. Prior to the spinout of Akrivia Health, Denis co-lead the NIHR/MRC funded UK-CRIS mental health and dementia research informatics programme.