

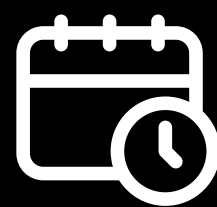
RNA COMMUNICATIONS TO RNA THERAPIES. LESSONS FROM NATURE.

About the speaker

Eric Miska is a Fellow of The Academy of Medical Sciences, Head of Department and Senior Group Leader at the Department of Biochemistry, a Herschel Smith Professor of Molecular Genetics at the Genetics Department, and affiliated Senior Group Leader at the Gurdon Institute, at the University of Cambridge, UK. He is an associated faculty member of The Wellcome Trust Sanger Institute, and coordinator of the Cambridge RNA Club. He is a molecular geneticist most known for his pioneering work furthering our understanding of the biology of non-coding RNA.



Professor Eric Miska
Head of Department
University of Cambridge



Friday 11 July 2025
9.30am (SGT , GMT+8)



GIS Seminar Room (Level 2)

About the seminar

RNA-based therapeutics represent a rapidly advancing class of medicines that harness the body's cellular machinery to treat disease at the genetic level. Unlike traditional small molecule drugs that target proteins, RNA therapies can modulate gene expression through multiple mechanisms, including mRNA replacement, RNA interference (RNAi), and antisense oligonucleotide (ASO) approaches. I will discuss our approaches to develop novel RNA delivery methods to target cells using nature's own tool kit. I will also discuss targeting cellular RNA using small molecule approaches.