

Location: Seminar Room: 3.37, MRC Mitochondrial Biology Unit, The Keith Peters Building (aka the Titanic Building), Cambridge Biomedical Campus, Hills Road CB2 0XY, Cambridge.

Wednesday, 15 May 2019, 9:00-17:00 - Mitochondrial RNA

- 09:00 - 09:15 Welcome
09:15 - 10:15 Mitochondrial transcription - Viktor Posse (The Crick Institute, London)
10:15 - 11:15 Mitochondrial RNA stability and polyadenylation - Robert Lightowlers (Newcastle University)
- 11:15 - 11:45 *Coffee Break*
- 11:45 - 12:45 Post-transcriptional modification of mitochondrial RNA - Michal Minczuk/Chris Powell (University of Cambridge)
12:45 - 13:45 Mitochondrial RNA granules - Sofia Zaganelli (University of Geneva)
- 13:45 - 14:45 *Lunch*
- 14:45 - 15:45 Mitochondrial ribosome - Alexey Amunts (SciLifeLab, Stockholm University)
15:45 - 16:45 Mitochondrial translation - Martin Ott (Stockholm University)
16:45 - 17:00 Closing Remarks
- 19:00 *Dinner (for all lecturers and students)*
Jamie's Italian
The Old Library, Wheeler Street, Cambridge, CB2 3QJ

Thursday, 16 May 2019, 9:00 – 17:00 - RNA beyond mitochondria

- 09:00 - 09:15 Welcome
09:15 - 10:15 Mass spectrometry of RNA - Byron Andrews (STORM Therapeutics, Cambridge)
10:15 - 11:15 New insights from Ribosome Profiling into RNA virus gene expression - Andrew Firth (University of Cambridge)
- 11:15 - 11:45 *Coffee Break*
- 11:45 - 12:45 Cracking the epitranscriptome: high throughput characterization of RNA modifications - Aldema Sas-Chen (Schwartz Group, Weizmann Institute, Israel)
12:45 - 13:45 Protein-RNA complexes in development and disease: insights from iCLIP - Jerney Ule (The Crick Institute, London)
- 13:45 - 14:45 *Lunch*
- 14:45 - 15:45 Mechanistic insights into the mRNA poly(A) tail machinery - Lori Passmore (MRC LMB, Cambridge)
15:45 - 16:45 Analysis of newly synthesised and nascent RNA - Pawel Grzechnik (University of Birmingham)
16:45 - 17:00 Closing remarks