

Autumn 2018

ISMB Seminar Series



ISMB
Institute of Structural
and Molecular Biology

Mischievous Microbes

Coordinated by Dr Tine Arnvig, Dr Sanjib Bhakta and Prof Finn Werner

All talks take place from 1–2pm in the Gavin de Beer Lecture Theatre, UCL Anatomy Building

-
- 26th September *Translocation, Translocation, Translocation: How identifying a pathogenic inhibitor of Sec61 provided insights into proteostasis, cellular stress, and the host response to Mycobacterium ulcerans*
Dr Rachel Simmonds, School of Biosciences, University of Surrey, UK
Host: Dr Tine Arnvig
-
- 3rd October *Shigella virulence: going around in circles*
Prof Christoph Tang, Sir William Dunn School of Pathology, Oxford, UK
Host: Dr Tine Arnvig
-
- 10th October *Non-equilibrium coupling of protein structure and function to translation-elongation kinetics*
Dr Edward O'Brien, Department of Chemistry, Penn State University, USA
Host: Prof John Christodoulou
-
- 17th October *Synthesis and degradation of cyclic oligoadenylate - a new type of antiviral response*
Prof Malcolm White, School of Biology, University of St Andrews, UK
Host: Prof Finn Werner
-
- 24th October *Transcriptional profiling Mycobacterium tuberculosis from patient sputa - targeting drug tolerance*
Dr Simon Waddell, Brighton and Sussex Medical School, UK
Host: Dr Sanjib Bhakta
-
- 31st October *Mechanisms and regulation of bacterial cell wall growth*
Prof Waldemar Vollmer, Newcastle University Medical School, UK
Host: Dr Sanjib Bhakta
-
- 7th November *Chromosome segregation in Archaea: a thermophilic menage a trois*
Dr Daniela Barillà, Department of Biology, University of York, UK
Host: Prof Finn Werner
-

Continued over...

14 th November	<i>Three autoinducers act synergistically to control biofilm formation and virulence genes in <i>Vibrio cholerae</i></i> Prof Kai Papenfort, Department of Biology, LMU Munich, Germany Host: Dr Tine Arnvig
21 st November	<i>Reprogramming the Genetic Code</i> Prof Jason Chin, Department of Chemistry, University of Cambridge, UK Host: ISMB PhD Students
28 th November	<i>Host defence ribonucleases at the frontline against infection</i> Dr Ester Boix, Autonomous University of Barcelona, Spain Host: Dr Sanjib Bhakta
5 th December	<i>Unravelling the armour of a killer: African swine fever evasion of host defences</i> Dr Linda Dixon, The Pirbright Institute, UK Host: Prof Finn Werner
12 th December	<i>Structural studies of spliceosome assembly</i> Dr Clemens Plaschka, Research Institute of Molecular Pathology (IMP), Austria Host: Dr Alan Cheung
