

## *Understanding molecular machines: from mechanisms to health and disease*

Talks take place on **Wednesdays** from **1-2pm** on *Microsoft Teams* via the link in promotional emails.

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20 January	<i>Shooting with 200kV electrons to unravel the mechanisms of membrane transporters</i> <b>Dr. Cristina Paulino, University of Groningen, Netherlands</b> Host: Dr. Giulia Zanetti
27 January	<i>When a bacterial RNA chaperone decides not to social-distance</i> <b>Prof. Ramesh Wigneshweraraj, Imperial College London, UK</b> Host: Prof. Finn Werner
3 February	<i>Cellular LEGO: building and disassembling micron scale cellular structures</i> <b>Dr. Radhika Subramanian, Harvard Medical School, USA</b> Host: Dr. Anthony Roberts and Dr. Katerina Toropova
10 February	<i>Shared architectures for motility and secretion – structural constraints and opportunities</i> <b>Prof. Susan Lea, Center for Structural Biology, National Cancer Institute, USA</b> Host: Dr. Brian Ho
17 February	<i>Structural Biology in a pandemic, the RFI lends a hand</i> <b>Prof. Jim Naismith FRS FRSE FMedSci, Rosalind Franklin Institute, UK</b> Host: Dr. Nikos Pinotsis and Prof. Flemming Hansen
24 February	<i>The dynamic intricacies of protein-RNA recognition: Insights from the La-related protein superfamily</i> <b>Prof. Sasi Conte, Kings College London, UK</b> Host: Dr. Nikos Pinotsis and Prof. Flemming Hansen
3 March	<i>LightOx: Illuminating therapeutics &amp; research tools for the fight against oral cancers and beyond</i> <b>Dr. David Chisholm, LightOx Limited, UK</b> Host: ISMB PhD students
10 March	<i>Replenishing the ends: Structural mechanism of human telomerase</i> <b>Dr. Kelly Nguyen, LMB MRC Cambridge, UK</b> Host: Prof. Carolyn Moores
17 March	<i>Biofilm formation by the Gram-positive bacterium Bacillus subtilis</i> <b>Prof. Nicola Stanley-Wall FRSE FRSB FEAM, University of Dundee, UK</b> Host: Dr. Brian Ho
24 March	<i>Monoderm bacteria: the new frontier for studying type 4 filaments</i> <b>Dr. Vladimir Pelicic, Imperial College London, UK</b> Host: Dr. Brian Ho

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