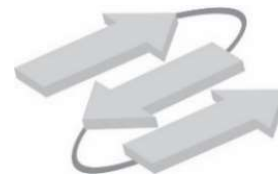


Spring 2020

ISMB Seminar Series



ISMB
Institute of Structural
and Molecular Biology

Bacterial Secretion and Surface Structures

Coordinated by Dr. Brian Ho

All talks take place from 1–2pm in Room 421, Birkbeck

15 th January	<i>Powering protein transport and bacterial motility</i> Prof. Ben Berks, Department of Biochemistry, University of Oxford, UK Host: Dr. Brian Ho
22 nd January	<i>How to kill your rivals: microbial warfare mediated by the Type VI secretion system</i> Dr. Sarah Coulthurst, School of Life Sciences, University of Dundee Host: Dr. Brian Ho
29 th January	<i>Molecular mechanisms involved in Vibrio cholerae's environmental lifestyle</i> Dr. Melanie Blokesch, School of Life Sciences, École Polytechnique Fédérale de Lausanne, Switzerland Host: Dr. Brian Ho
5 th February	<i>The Pseudomonas Type VI Secretion System</i> Prof. Alain Filloux, Department of Life Sciences, Imperial College London, UK Host: Dr. Brian Ho
12 th February	<i>Biological nanomachines illuminated by cryo-EM</i> Dr. Jan Löwe, MRC Laboratory of Molecular Biology, UK Host: Dr. Brian Ho
19 th February	<i>Coupling cargo availability to energy use in the flagellar Type III Secretion system</i> Dr. Gillian Fraser, Department of Pathology, University of Cambridge, UK Host: Dr. Brian Ho
26 th February	<i>Off-topic: Redox sensing and signalling by protein cysteinyl thiols</i> Prof. Phil Eaton, William Harvey Research Institute, Queen Mary University of London, UK Host: Prof. Ivan Gout
4 th March	<i>Off-topic: Eukaryotic DNA replication described by cryo-electron microscopy</i> Dr. Alessandro Costa, Francis Crick Institute, UK Host: Dr. Giulia Zanetti
11 th March	<i>Off-topic: Seeing an immune pore in molecular detail</i> Prof. Doryen Bubeck, Imperial College London, UK Host: Dr. Giulia Zanetti
18 th March	<i>Biofilm formation by the Gram-positive bacterium Bacillus subtilis</i> Prof. Nicola Stanley-Wall, School of Life Sciences, University of Dundee, UK Host: Dr. Brian Ho
25 th March	<i>Assembly, structure, and function of a bacterial nanosyringe</i> Prof. Samuel Wagner, Institute of Medical Microbiology and Hygiene, Universitätsklinikum Tübingen, Germany Host: Dr. Brian Ho
1 st April	<i>Mixed symmetry at the heart of the bacterial flagellar motor - not an April fool!</i> Prof. Susan Lea, Sir William Dunn School of Pathology, University of Oxford, UK Host: Dr. Brian Ho
