Astbury Seminars 2007

11th January 2007
Dr Margarida Archer, Instituto de Tecnologia Quimica e Biologica, New University of Lisbon
"X-ray structure of the membrane-bound cytochrome c nitrite reductase complex NrfHA"

15th January 2007
Prof Haruki Nakamura, Institute for Protein Research, Osaka University, Japan
"Structural bioinformatics towards understanding protein functions"

8th February 2007
Prof Kazuhiro Oiwa, National Institute of Information and Communications Technology and University of Hyogo, Japan
"Force-generating mechanism of axonemal dyneins studied by cryoelectron tomography and x-ray fiber diffraction analysis"

8th March 2007
Prof So Iwata, Faculty of Life Sciences, Imperial College London
"Towards the structure determination of human membrane receptors"

19th April 2007
Prof Colin Robinson, Department of Biological Sciences, University of Warwick
"Transport of folded proteins by the twin-arginine translocation system in bacteria and chloroplasts"

17th May 2007
Prof Gabriel Waksman, Institute of Structural Molecular Biology, Birkbeck and University College London
"Structural biology of pilus biogenesis and bacterial host recognition"

7th June 2007
Dr Helen Walden, Cancer Research UK
"Mechanisms of ubiquitination"

21st June 2007
Dr Venki Ramakrishnan, MRC Laboratory of Molecular Biology
"The ribosome in action: structures of defined states of the ribosome"

12th July 2007
Dr Tim Hunt FRS, Cancer Research UK
"ANNUAL ASTBURY LECTURE - Getting into and out of mitosis"

6th September 2007
Dr Dejian Zhou, School of Chemistry, University of Leeds
"Fabrication and manipulation of functional biological nanostructures"

11th October 2007
Prof Ian Robinson, UCL and Diamond Light Source
"Coherent X-ray diffraction methods in biology"
18th October 2007
Dr Jonathan Essex, School of Chemistry, University of Southampton
"Coarse grained modelling of membrane systems"

1st November 2007
Prof Ted Baker, Department of Chemistry, The University of Auckland
"Discovering the structure and function of secreted and cell-surface virulence proteins of Staphylococcus and Streptococcus"

8th November 2007
Dr Sonia Contera, Bionanotechnology IRC, University of Oxford
"Using AFM to study the molecular forces and mechanical properties that control membrane protein function"

4th December 2007
Prof Stephen Martin, Chemistry and Biochemistry Department, The University of Texas at Austin
"Preorganization in Biological Systems: Are Conformational Constraints Really Worth the Energy?"

6th December 2007
Dr Jennifer Potts, Department of Biology, University of York
"Unusual interactions: the structural biology of Staphylococcus aureus invasion of human cells"

7th December 2007
Prof Arthur Olson, Department of Molecular Biology, The Scripps Research Institute
"Tangible Interfaces for Molecular Biology"