



Department of Biochemistry  
Henry Wellcome Building  
Lancaster Road, Leicester

## 3<sup>rd</sup> Midlands Biophysics Symposium Programme

Wed 21<sup>st</sup> April 2010

<b>9.15-9.30</b>	<b>Registration</b>		
9.30-9.40	<b>Clive Bagshaw</b>	<b>Leicester</b>	Introduction
9.40-10.00	<b>Nick Carter</b>	<b>Warwick</b>	Single molecule microscopy of kinesin
10.00-10.20	<b>Andrew Hudson</b>	<b>Leicester</b>	Single-molecule spectroscopy in optically-trapped droplets
10.20-10.40	<b>Ian Eperon</b>	<b>Leicester</b>	Single molecule techniques: unravelling structural organization of multimolecular RNA-protein complexes
10.40-11.00	<b>Victoria Sedman</b>	<b>Nottingham</b>	From Amyloid to Nanotubes: The characterisation and manipulation of self-assembled peptide nanostructures
<b>11.00-11.30</b>	<b>Coffee</b>		
11.30-11.50	<b>Kevin Webb</b>	<b>Nottingham</b>	Dynamic multimodal imaging at the leading edge
11.50-12.10	<b>Teresa Pinheiro</b>	<b>Warwick</b>	Membrane composition directs prions down alternative aggregation pathways
12.10-12.30	<b>Anna Peacock</b>	<b>Birmingham</b>	De novo design of coiled coils
<b>12.30-2.00</b>	<b>Lunch and Posters</b>		
<b>2.00-2.40</b>	<b>Prof Helen Saibil FRS</b>	<b>Birkbeck College, London</b>	<b>Keynote address: Cryo-electron microscopy studies of chaperones and protein misfolding</b>
2.40-3.00	<b>Thomas Garner</b>	<b>Nottingham</b>	Structural and Biophysical Studies of Ubiquitin Recognition by Human Scaffold Proteins
3.00-3.20	<b>Dave Scott</b>	<b>Nottingham</b>	Binding Interactions of OBP3 using NMR and ITC
<b>3.20-3.50</b>	<b>Tea</b>		
3.50-4.10	<b>Caezar Al-Jassar</b>	<b>Birmingham</b>	The identification of desmosomal proteins viable for structural studies
4.10-4.30	<b>Peter Watson</b>	<b>Leicester</b>	Assembly of the SMRT/NCOR transcriptional repression machinery.
4.30-4.50	<b>Joanne Oates</b>	<b>Oxford</b>	Transmembrane interactions in the assembly of a receptor / viral protein complex
4.50-5.00	<b>Poster prize giving</b>		