

**25 September 2008**

**UK-China Symposium on Structural Proteomics**

*Place: Lecture Theatre 2*

*School of Biological Sciences, The University of Liverpool.*

*Time: 9:00-18:00*

<b>08:10-09:00 Registration in Foyer</b>			
<b>Chair: Steve Edwards (Head of School of Biological Sciences, UoL)</b>			
9:00-9:15	Jon Saunders	Deputy VC, UoL	Welcome, UoL and China
9:15-9:50	Dame Louise Johnson, FRS	DIAMOND/Oxford	Diamond Light Source: present and future prospects
9:50-10:25	Simon E.V. Phillips	(Director, Harwell Research Complex)	The Research Complex at Harwell: enhancing the interface
10:25-11:00	Zhie Rao	President, Nankai University	Structural Biology in China
<b>11:00-11:25 COFFEE/TEA</b>			
<b>Chair: Samar Hasnain (Biological Sciences, UoL)</b>			
11:25-11:55	Jonathan Hadden	Leeds University	Constructing a high-throughput pipeline for the purification and crystallisation of membrane proteins
11:55-12:30	Zhie-Jie (James) Liu	Institute of Biophysics (Beijing)	Structural basis for the hydrolysis and transglycosylation activities of Endo- $\beta$ -N-acetylglucosaminidase A from <i>Arthrobacter protophormiae</i>
12:30-13:00	James Naismith	St Andrews University	Experiences of the SSPF: A lab based high throughput experiment
<b>13:00-14:00 Lunch</b>			
<b>Chair: John Dainton, FRS (Physics, UoL)</b>			
14:00-14:30	Richard Strange	University of Liverpool	Structure and dynamics of metalloproteins using XAFS, Crystallography and Molecular dynamics
14:30-15:00	Mark Bartlam	Nankai University	Structural studies of Tob and the CCR4-NOT transcription complex
15:00-15:35	Harren Jhoti	CEO, Astex Therapeutics, Cambridge	Protein Crystallography and drug discovery
<b>15:35-16:00 COFFEE/TEA</b>			
<b>Chair: Matt Rosseinsky, FRS (Chemistry, UoL)</b>			
16:00-16:30	Neil Shaw	Institute of Biophysics (Beijing)	Crystal structure of a novel non-Pfam protein AF1514 from <i>A. fulgidus</i> solved by S-SAD using a Cr X-ray source
16:30-17:05	Jianping Ding	Shanghai Institutes for Biological Science (CAS)	Molecular basis of the high fidelity in protein synthesis
17:05-17:40	David Garner, FRS	President RSC & Nottingham University	Metals in Biology
18:00-19:00 Tour of School of Biological Sciences (Details to be finalised depending on interest)			
<b>19:30 Dinner for Speakers and overseas guests of both symposium (University Staff House)</b>			

**26 September 2008**

**Chair Symposium (Max Perutz Chair of Molecular Biophysics)**

*Place: Lecture Theatre 2*

*School of Biological Sciences, The University of Liverpool.*

Time: 9:00-18:30

<b>08:10-09:00 Registration in Foyer</b>			
<b>Chair: Steve Edwards (Head of School of Biological Sciences, UoL)</b>			
9:00-9:15	Ole Petersen, CBE, FRS	MRC Professor, School of Biomedical Sciences, Liverpool	Welcoming remarks and an overview of life sciences at Liverpool
9:15-9:50	Robin Perutz	York University	Growing up with molecular structures
9:50-10:30	Richard Henderson, FRS	MRC Laboratory of Molecular Biology	What made LMB special?
<b>10:30-11:00 COFFEE/TEA</b>			
<b>Chair: Sir John Pendry, FRS (Physics, Imperial College)</b>			
11:00-11:40	Dame Louise Johnson, FRS	DIAMOND/Oxford	Early days of structural biology; from lysozyme to phosphorylase and protein kinases
11:40-12:20	Sir Tom Blundell, FRS	Chair, Biochemistry, University of Cambridge	Exploring science between physics and biology
<b>12:20-13:30 Lunch</b>			
<b>Chair: Michel van der Rest (Director General, Synchrotron SOLEIL, France)</b>			
13:30-14:10	Kiyoshi Nagai, FRS	Joint Head, Structural Biology, MRC-LMB	Max and Haemoglobin story
14:10-14:50	Robert Eady	Daresbury/Liverpool	Voyage of discovery in the world of nitrogen
14:50-15:30	John Collinge, FRS	Director, MRC Prion unit, UCL	Molecular biology of prion propagation
<b>15:30-16:00 COFFEE/TEA</b>			
<b>Chair: Prof Ian Munro (Former Director of Daresbury's Synchrotron Department)</b>			
16:00-16:30	Roger Fourme	SOLEIL/Paris-sud (France)	From the early days of synchrotron radiation structural biology and Max Perutz to SOLEIL
16:30-17:00	Keith Hodgson	Director, Photon Science, SLAC (USA)	X-ray lasers: the new horizon
17:00-17:30	Samar Hasnain	University of Liverpool	Journey so far
<b>17:45-19:00 RECEPTION</b>			

**Registration:** Both symposia are open but registration is required for attendance. There will be no registration fee. A maximum of 155 delegates will be catered for each day, so early registration is advised to avoid disappointment. For registration, please complete the form and return to Tina Lewis or Helen Bentley via FAX: 0151 795 4414 or email: [Helen.Bentley@liverpool.ac.uk](mailto:Helen.Bentley@liverpool.ac.uk) or [Tina.Lewis@liverpool.ac.uk](mailto:Tina.Lewis@liverpool.ac.uk).

**Note:** This registration is required for University of Liverpool delegates also.