

# ISMB retreat posters

No.	Title	Name	Institution, department	Poster title
1	Mr	William Allen	Birkbeck, School of Crystallography	The Syk tandem SH2 domain as a model for structural flexibility
2	Mr	Andrew Bodey	Birkbeck, School of Crystallography	Motors, Tracks and Mitosis: A Structural Study of Kinesin-5
3	Mr	Nick Callan	UCL, Department of Chemistry	Towards the total synthesis of apo-neocarzinostatin
4	Dr	Renata Da Silva Camargo	Birkbeck, School of Computer Science and Information Systems	Analysis of Gains and Losses of Gene Functions in Herpesvirus Genomes
5	Miss Dr	Caroline Cheetham and Loretto Puckey	Birkbeck, School of Crystallography	Creating Research Options Through Collaboration With The CDH Team
6	Mr	Evangelos Dioletis	UCL, Department of Biochemistry and Molecular Biology	The role of the death domain in regulating the activity of death associated protein kinase
7	Mrs	Jitka Eryilmaz	Birkbeck, School of Crystallography	Preliminary structural studies of UVDE, a general DNA repair protein
8	Mr	Hao Fan	Birkbeck, School of Computer Science and Information Systems	Integration and Analysis of Biological Data Sources
9	Mr	Franck Fourniol	Birkbeck, School of Crystallography	Determination of the actin-plectin interface by negative stain EM
10	Mr	Mark Halling-Brown	Birkbeck, School of Crystallography	<i>In silico</i> prediction of minor histocompatibility antigens
11	Mr	Stephen Hare	Birkbeck, School of Crystallography	Studies of VirB11 interactions in Type IV secretion systems
12	Dr	Richard Harris	UCL, Department of Biochemistry and Molecular Biology	NMR structural studies of the ras association domains of PLCepsilon
13	Dr	Jacob Hurst	UCL, Department of Biochemistry and Molecular Biology	The SAAP database, snps and protein structure
14	Mr	Frank Ivins	NIMR, Protein structure	Structural Studies of the Nek2 Serine/Threonine Protein Kinase
15	Dr	Mark Jeeves	UCL, Department of Biochemistry and Molecular Biology	Methylation regulation of protein phosphatase 2A
16	Mr	Paul Leonard	UCL, Department of Biochemistry and Molecular Biology	The Role of the Oligomerisation Domain of H-NS in Facilitating Gene Repression and its Function as a Temperature Switch in Enteric Bacteria
17	Dr	Richard Li	NIMR, Protein structure	Structural and Functional Versatility of the FHA Domain in DNA-Damage Signaling by Tumor Suppressor Kinase Chk2
18	Mr	James MacDonald	Birkbeck, School of Crystallography	BetaB-2 Crystallin Unfolding By High Temperature Unfolding Molecular Dynamics and Urea Unfolding Experiments
19	Mr	Doug Marshall	UCL, Department of Biology	Structural/functional investigation of <i>Yarrowia lipolytica</i> and bovine NADH:ubiquinone oxidoreductase (Complex 1) using ATR-FTIR difference spectroscopy.
20	Dr	Laura Masino	NIMR, Molecular Structure	The Josephin domain of Ataxin-3 aggregates and forms fibres in the absence of the polyglutamine tract
21	Dr	María Flor García Mayoral	NIMR, Molecular Structure	RNA interaction of K-Homology Splicing Recognition Protein by NMR
22	Mr	Anwar Mohammad	UCL, Department of Biochemistry and Molecular Biology	Characterising the effects of solvent on the stability of H-bonds in the protein ubiquitin
23	Mr	Gian Felice de Nicola	NIMR, Molecular Structure	Solution structure of fly TroponinC: a calcium independent muscle contraction mechanism

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No.	Title	Name	Institution, department	Poster title
24	Mr	Sanjay Nilapwar	UCL, Department of Biochemistry and Molecular Biology	Investigation of positive heat capacity effects in Hsp90-ATP/ADP interactions
25	Miss	Chiara Pastore	NIMR, Molecular Structure	Structural and functional characterisation of the protein YFHJ by NMR
26	Mr	Pryank Patel	Birkbeck, School of Crystallography	Structural Studies of Domains of Dysferlin, a membrane-repair protein
27	Mr	Dony Patel	NIMR, Protein structure	Functional Studies of Serine/Threonine Kinase Signalling in <i>Mycobacterium tuberculosis</i>
28	Dr	Simon Pennell	NIMR, Protein structure	Structural Studies of RNA Pseudoknots Involved in Ribosomal Frameshifting
29	Prof	Steve Perkins	UCL, Department of Biochemistry and Molecular Biology	The analytical ultracentrifugation laboratory at UCL
30	Dr	Celia Plisson	Birkbeck, School of Crystallography	Structural study of the Bacteriophage SPP1 tail by electron microscopy and image analysis
31	Ms	Jennifer Quamina	Birkbeck, School of Biological and Chemical Sciences	Biosynthesis of Anticancer Natural Products
32	Miss	Eleni Rapsomaniki	Birkbeck, School of Crystallography	Using probabilistic information in data integration
33	Dr	Stephanie Reich	Birkbeck, School of Crystallography	Combinatorial Domain Hunting for high yield soluble protein expression
34	Dr	Han Remaut	Birkbeck, School of Crystallography	Structural and functional study of the sap pilus from <i>Salmonella enterica</i>
35	Mr	Adrian Revington	Birkbeck, School of Biological and Chemical Sciences	Huntington's Disease Therapeutics in Transgenic Mice
36	Mr	Osman Salih	Birkbeck, School of Crystallography	Structural Analysis of the Saf Pilus by Negative Stain EM and Image Processing
37	Miss	Sunita Sardiwal	UCL, Department of Biochemistry and Molecular Biology	Structural properties of DosS -- a sensory protein from <i>Mycobacterium tuberculosis</i>
38	Dr	Stephan Schmitz	NIMR, Physical Chemistry	Malaria actin
39	Mr	Myron Smith	Birkbeck, School of Crystallography	Exploring domain swapping in human beta2 crystallin
40	Dr	Kirsty Smithies	UCL, Department of Chemistry	Chemoenzymatic Approaches to Aminodiols
41	Dr	Robin Stamler	Birkbeck, School of Crystallography	Small heat shocking insights from tapeworms
42	Dr	Denis Verger	Birkbeck, School of Crystallography	The function of PapH in <i>P. pilus</i> biogenesis
43	Mr	Satpal Virdee	Birkbeck, School of Crystallography	Thermodynamics of SH2 domain interaction with tyrosyl phosphopeptides
44	Dr	Tim Waters	Birkbeck, School of Crystallography	Reconciling the ATP-ase and DNA binding activities of the UvrB helicase
45	Mr	David Wright	Birkbeck, School of Crystallography	Disentangling the structure of an unfoldase:- structural studies of ClpB