



Joint Departmental / ISMB Retreat 19-20 June 2007 Programme

Tuesday 19 June 2007

12.00 - 12.30 Arrival and registration

12.30 - 13.25 BUFFET LUNCH / SETTING UP POSTERS

13.25 - 13.30 Welcome address

13.30 - 14.10 Keynote talk: **'DNA replication in the third domain of life'**
Dr Stephen Bell, MRC Cancer Cell Unit, Cambridge

Students and postdocs presentations, Session I

14.10 - 14.30 **'TIP48 and TIP49: united in mitosis or poles apart?'**
Andrew Niewiarowski, Department of Biochemistry & Molecular Biology, UCL

14.30 - 14.50 **'Analyzing the Oral Metagenome'**
Dr Stephanie Hunter, Department of Biochemistry & Molecular Biology, UCL

14.50 - 15.05 TEA AND COFFEE BREAK

Students and postdocs presentations, Session II

15.05 - 15.25 **'Flavin-containing Monooxygenases: Genetic Polymorphisms and their Role in Drug Metabolism'**
Asvi Francois, Department of Biochemistry & Molecular Biology, UCL

15.25 - 15.45 **'Structural Analysis of the Saf Pilus by Electron Microscopy & Image Processing'**
Osman Salih, School of Crystallography, Birbeck

15.45 - 16.05 **'Structure, Free Energy, Enthalpy and Entropy in Protein-Ligand Interactions: A Database Approach'**
Tjelvar Olson, Department of Biochemistry & Molecular Biology, UCL

16.05 - 16.20 TEA AND COFFEE BREAK

Careers in Science: Choices and Opportunities

16.20 - 16.35 **'Getting a lectureship: The long way round'**
Dr Cara Vaughan, ISMB Lecturer in Crystallography

16.35 - 16.50 **'University lecturer - master of many trades'**
Dr Snezana Djordjevic, Senior Lecturer, Biochemistry Department, UCL

16.50 - 17.05 **'Out of the Blue and Down to Earth: Making the Transition from Academia to Biotech'**
Dr Renos Savva, Co-Founder and Scientific Advisor, Domainex Ltd

17.05 - 17.20 **'Communicating Science: Making a Career of It'**
Kate Travis, Contributing Editor, ScienceCareers.org

Programme continues overleaf...

17.20 – 18.05	Panel discussion with questions from the audience Panel members: Cara Vaughan, Snezana Djordjevic, Renos Savva, Kate Travis, Finn Werner (Lecturer, Biochemistry Department, UCL) Chaired by Dr Carolyn Moores (Research Fellow, School of Crystallography, Birkbeck)
18.05 - 18.10	Announcements
18.10 - 19.00	Free time before dinner
19.00 - 20.30	DINNER
20.30 - 23.00	Poster session and drinks reception

Wednesday 20 June 2007

From 7.30	Breakfast
09.00 - 09.40	Keynote talk: 'Molecular regulation of the GABA-A receptor' Professor Trevor Smart, Dept of Pharmacology, UCL
	Students and postdocs presentations, session III
09.40 - 10.00	'A comparative analysis of the methods and databases used in the study of protein-protein interactions' Eleni Rapsomaniki, School of Crystallography, Birbeck
10.00 - 10.20	'Validating gene expression clusters using the Gene Ontology and other external evidence' Stathis Sideris, Department of Biochemistry & Molecular Biology, UCL
10.20 - 10.40	'ImmunoGrid: Towards a Clinically Relevant Systems Biology Model for the Human Immune System' Dr Mark Halling-Brown, School of Crystallography, Birbeck
10.40 - 11.00	TEA AND COFFEE BREAK
	Students and postdocs presentations, session IV
11.00 - 11.20	'Biophysical Characterisation of SH2 Domains: a semisynthetic strategy' Satpal Virdee, School of Crystallography, Birbeck
11.20 - 11.40	'Design and synthesis of a non-radioactive probe for mannosyltransferase activity' Silvia Marchesan, Department of Chemistry, University of Edinburgh
11.40 - 12.00	'The semi-synthetic production of human erythropoietin' Dr Jonathan Richardson, Department of Chemistry, UCL
12.00 - 12.20	TEA AND COFFEE BREAK
12.20 - 13.00	Keynote talk: 'Subunit Architecture of protein complexes isolated from cells' Professor Carol Robinson, University of Cambridge
13.00 - 13.10	Award for best poster and best oral presentation / Closing remark
13.10 - 14.00	BUFFET LUNCH AND DEPARTURE