



# ISMB Retreat

## 21<sup>st</sup>-22<sup>nd</sup> June 2011

### Robinson College, Cambridge

## Programme

### Tuesday 21st June 2011

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- 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: **'Reprogramming the code of life'**  
Dr Jason Chin, MRC Laboratory of Molecular Biology, Cambridge
- Students and post-docs presentations, Session I**
- 14.10 - 14.30 **'Cancer vs Regeneration: tuning tumour suppressors during limb re-growth'**  
Dr Maximina Yun, Research Department of Structural and Molecular Biology, UCL
- 14.30 - 14.50 **'Sitewise Mutation-Selection Models to Estimate the Distribution of Selection Coefficients from Phylogenetic Data'**  
Asif Tamuri, Department of Mathematical Biology, NIMR
- 14.50 - 15.10 TEA AND COFFEE BREAK
- Students and post-docs presentations, Session II**
- 15.10 - 15.30 **'Structural, Functional and Thermodynamic Analyses of Neuropilin-VEGF-Heparin Interactions'**  
Dr Arefeh Seyedarabi, Research Department of Structural and Molecular Biology, UCL
- 15.30 - 15.50 **'Functionalisation of Disulfide Bonds with Maleimides'**  
Felix Schumacher, Department of Chemistry, UCL
- 15.50 - 16.10 **'Electrically sensing protease activity with nanopores'**  
Mikiembo Kukwikila, Department of Chemistry, UCL
- 16.10 - 16.30 BREAK
- 16.30 - 18.30 **Scientific Apprentice**
- 18.30 - 19.00 Free time before dinner
- 19.00 - 20.30 DINNER
- 20.30 - 22.30 **Poster session**

*Programme continues overleaf...*

- From 7.30 Breakfast (Robinson College)
- 09.00 - 09.40 Keynote talk: **'Intrinsically Unstructured proteins: Regulation and Disease?'**  
Dr Madan Babu, MRC Laboratory of Molecular Biology, Cambridge
- Students and post-docs presentations, session III**
- 09.40 - 10.00 **'Making Nanotechnologies Using Biological Components'**  
John Hales, Research Department of Structural and Molecular Biology, UCL
- 10.00 - 10.20 **'Snapshots of the human kinesin-5 motor domain at work'**  
Dr Adeline Goulet, Department of Biological Sciences, Birkbeck
- 10.20 - 10.40 **'Insights into the Gating Mechanism of PapC Translocation Domain'**  
Irene Farabella, Department of Biological Sciences, Birkbeck
- 10.40 - 11.00 TEA AND COFFEE BREAK
- Students and post-docs presentations, session IV**
- 11.00 - 11.20 **'Fluorescence based methods to study PcrA helicase in plasmid replication'**  
Liisa Chisty, Department of Physical Biochemistry, NIMR
- 11.20 - 11.40 **'Visualisation and Analysis of Variable Predicted Pockets Across Homologous Superfamilies'**  
Paul Ashford, Department of Biological Sciences, Birkbeck
- 11.40 - 12.20 Keynote talk: **'Sculpting Cell Membranes: Understanding pathways of endocytosis and exocytosis'**  
Dr Harvey McMahon, MRC-Laboratory of Molecular Biology, Cambridge
- 12.20 - 12.30 Award for best poster and best oral presentation
- 12.30 - 12.40 Closing remark
- 12.40 - 14.00 LUNCH AND DEPARTURE

