



CISBIC Modelling Host- Pathogen Interactions Open Day

Date: Tuesday 6th July 2010
 Venue: G16, Sir Alexander Fleming Building (SAF), South Kensington Campus

Programme

10:00 – 10:30	Arrival, registration, tea and coffee
Session 1	Chair – Prof. Richard Kitney Director – Institute of Systems and Synthetic Biology
10:30 – 10:50	Opening of Proceedings Sir Keith O’Nions, The Rector Imperial College London and Prof. Maggie Dallman Principal of the Faculty of Natural Sciences
10:50 – 11:30	Overview of CISBIC Prof. Michael Sternberg, Director, CISBIC
11:30 – 12:15	Keynote presentation Prof. Yitzhak Pilpel Weizmann Institute of Science Controlling ribosome traffic on the genetic highways
12:15 – 13:30	Lunch

Session 2	Chair – Prof. Michael Sternberg Director - CISBIC
13:30 – 14:00	Prof. Stephen Muggleton, Deputy Director Modelling – CISBIC Machine learning for Systems Biology
14:00 – 14:30	Prof. Michael Stumpf, CISBIC Robust Inference for Systems and Synthetic Biology
14:30 – 15:00	Dr. Robert Endres, CISBIC How one cell eats another – experiments and modelling elucidate mechanism of uptake
15:00 – 15:30	Tea
Session 3	Chair – Prof. Stephen Muggleton Deputy Director Modelling – CISBIC
15:30 – 16:00	Prof. David Gilbert, School of Information Systems, Computing and Mathematics, Brunel University BioModel Engineering and its role in Systems and Synthetic Biology
16:00 – 16:45	Keynote presentation Prof Sebastian Bonhoeffer, Institut f. Integrative Biologie, ETH-Zentrum The evolutionary systems biology of HIV-1 drug resistance
16:45 – 17:00	Concluding remarks Prof. Michael Sternberg, Director, CISBIC
17:00	Drinks Reception and Demos