



CISBIC Modelling Host- Pathogen Interactions Open Day

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

Programme

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| 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 |

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| 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 |