SBI AUSTRALIA and MAXIMA PRESENT A FREE

Cell Signalling Modelling Symposium

When: Tuesday, 17 June 2014 from 9:00am to 1:00pm (registration from 8:30am)
Where: Conference Room at the CSIRO’s Ian Wark Laboratory
        Building 203 - Bayview Avenue, Clayton
RSVP: Register at http://tinyurl.com/nm6fcjy by close of business on Friday, 13 June 2014

This event will present biologists with a number of perspectives on cell signalling modelling based on both mathematics and biological viewpoints - what the possibilities are, how it works and what to bear in mind when working with people from different disciplines.

The symposium will feature the following speakers:

**Professor Roger Daly** - Head, Department of Biochemistry and Molecular Biology at Monash University
Roger’s research focus is tyrosine kinase signalling mechanisms and their deregulation in cancer. His recent work is using cutting edge, MS-based phosphoproteomic and kinomic profiling techniques to characterise, at a global level, changes in signalling networks in cancer cells, with the goal of identifying novel therapeutic targets and biomarkers.

**Dr Melissa Davis** - Senior Research Fellow in Cancer Systems Biology at the University of Melbourne
Melissa specialises in the integration of genomic, transcriptomic, and proteomic data with knowledge-based network models to identify sub-networks and pathways disrupted in cancer. She has recently been awarded a four year NBCF Fellowship to study the systems biology of epithelial-mesenchymal plasticity in breast cancer.

**Dr Tianhai Tian** - Associate Professor / ARC Future Fellow, School of Mathematical Sciences at Monash University
Tian’s research interests concentrate on mathematical modelling and simulation of biological systems. He uses different types mathematical methods to study a wide range of complex networks in biological sciences such as genetic regulatory networks, simulation of chemical reaction systems, pathways, cancer robustness and cancer therapy, cell signalling and telomere length regulation in ageing research.

The workshop is part of the Victorian Systems Biology Collaboratives which are designed to build the collective knowledge, networking and understanding of systems biology in Victoria and to help generate a collaborative culture and opportunities across the research and industry communities. It is part of a broader program of initiatives being run by SBI Australia, called **Enhancing Systems Biology In Victoria** and is funded by Victorian Government.

This event is being co-hosted by the CSIRO.

For more details visit: http://sbiaustralia.org/outreach/vicprogram/