Second Systems Biology Workshop Programme

September 1 & 2, 2005

John Hume Building, NUI Maynooth

THURSDAY: KEY ISSUES IN SYSTEMS BIOLOGY

Morning session. Chair: Kay Ohlendieck, Department of Biology, NUIM.

0.15 - 09.30Welcome and opening remarks: Peter Wellstead, Hamilton Institute	and opening rema	Pet	Pete	ter W	Vellste	ead, H	Iamil	ton Ins	stitute	
9.30 - 10.30 Keynote address: <i>What are the 'Systems' in Systems Biology?</i>	ddress: What are	'Sys	'Syst	stems	s' in S	System	ns Bic	ology?		
Professor Olaf Wolkenhauer, University of Rost	Profes	Əlaf)laf '	f Wol	lkenh	auer,	Univ	versity	of Rost	tock
0.30 - 10.45 Break										
0.45 - 12.15 Key topics in Systems Biology: Omic Measurement and Network Analysis	-		ent a	and 1	Netwo	ork A	nalys	sis		
Proteomic measurement issues in biology	measurement iss	in b	in bio	violog	<i>SV</i>					
Dolores Cahill, Ro							Dolo	ores Ca	ahill, R	CSI
Metabolomic measurement issues in biology	nic measurement	es ir	es in	n bio	ology					
Michael Gibney, Nutrition and Dietetic Studies, T	Michael	ney	ney,	/, Nut	tritior	n and	Diete	etic Stu	ıdies, T	CD
Theory and analysis of interaction networks	d analysis of inter	on 1	on n	netwo	orks					
Oliver Mason, Hamilton Institute, NU		Oliv	Olive	ver M	Aason	ı, Har	niltor	1 Instit	ute, NU	JIM
2.30 - 14.00 Buffet lunch	ch									
noon session: Chair: Bernard Mahon, Institute of Immunology, NUIM	rd Mahon, Institut	`Imı	Imm	munc	ology	, NUI	IM			
.00 - 15.30 Key Topics in Systems Biology: Cell Signalling and Sensing	s in Systems Biol	: Ce	: Cel	ell Si	ignalli	ing ar	nd Sei	nsing		

Biology of Cellular Dynamics

Jochen H. M. Prehn, RCSI

Modelling of Cellular Dynamics

Eric Bullinger, Hamilton Institute, NUIM

Micro and Nano Technologies for Biomolecular Measurement: Tools for Systems Biology

15.30 - 16.00	Damien Arrigar Break	n, Tyndall National Institute, UCC
16.00 - 16.45	Industry perspective: Systems Biology -	- A Drug Discovery Perspective Neil Benson, Pfizer Global R&D
16.45 - 17.00	Session Round-up	Nen Denson, i nzer Grobar ReeD
17.00 - 19.00	Reception	

FRIDAY: STRATEGY FOR SYSTEMS BIOLOGY IN IRELAND

Morning session: Chair: Leo Bishop, IDA.

09.15 - 10.00	Thematic address: Strategic Directions in Systems Biology		
	Peter Wellstead, Hamilton Institute, NUIM		
10.00 - 10.30	The Institute for Systems Biology – A Management Perspective		
	Louis R. Coffman, The Institute for Systems Biology, Seattle		
10.30 - 10.45	Break		
10.45 - 12.30	SFI/IDA Strategy Forum Maurice Treacy, Biotechnology Division, SFI		
	 SFI Strategy Presentation: Position statement Announcement of search committee Call for an SFI fellow in Systems Biology 		
	 University Strategy Presentations: Strategy and vision from colleges. Outlines of the Systems Biology strategies of participating universities Round-up and Closure 		
13 00 - 14 00	Buffet Lunch		