



Workshop

Systems Biology and Systems Medicine



23 – 26 November 2015

Venue: Campus Limpertsberg

Sciences Building / Bâtiment des Sciences

University of Luxembourg

162a, Avenue de la Faïencerie

L-1511 Luxembourg,

Luxembourg

Programme

23 November 2015 (room: BS 0.10)

SysBio course for ESRs

9:00 – 9:10	Thomas Sauter	University of Luxembourg / LSRU	Welcoming speech
9:10 – 12:30	Thanh-Phuong Nguyen	University of Luxembourg / LSRU	Data mining approaches in Systems Biomedicine
10:30 – 11:00	Coffee Break		
12:30 – 13:30	Lunch Break		
13:30 – 17:00	Thomas Pfau & Maria Pires Pacheco	University of Luxembourg / LSRU	Cancer specific Metabolic Network Analysis
15:00 - 15:30	Coffee Break		

24 November 2015 (room: BS 0.07)

SysBio course for ESRs

9:00 – 17:00	Panuwat Trairatphisan & Philippe Lucarelli	University of Luxembourg / LSRU	Analysis of cancer specific signalling networks using computational modelling
10:30 – 11:00	Coffee Break		
12:30 – 13:30	Lunch Break		
15:00 – 15:30	Coffee Break		
19:00	<i>Dinner (Restaurant Tibet II, 44, avenue Pasteur, Luxembourg - Limpertsberg)</i>		

25 November 2015 (room: BS 0.07)

Talk & Optimata course for ESRs

9:00 – 10:00	Markus Rehm	Royal College of Surgeons in Ireland	Talk I - Quality model parameterization
10:00 – 10:30	Coffee Break		
10.30 – 17.00	Yuri Kogan, Zvia Agur & Sergei Gendel	Optimata	An introduction to pharmacokinetic modelling
12:30 – 13:30	Lunch Break		
15:00 – 15:30	Coffee Break		
19:00	<i>ESR Networking Event (5, rue des Bruyères, Howald – Luxembourg)</i>		

26 November 2015 (room BS 0.10)**Optimata course & Talks**

9:00 – 10:00	Yuri Kogan, Zvia Agur & Sergei Gendel	Optimata	Concluding session
10:00 – 10:30	Coffee Break		
10:30-11:30	Zvia Agur & Yuri Kogan	Institute for Medical BioMathematics (IMBM)	Talk II - Integration of top-down and bottom-up modelling approaches in modelling prostate cancer
11:30 – 12:30	Thomas Sauter	University of Luxembourg / LSRU	Talk III – Efficient algorithms for the contextualization of molecular network models
12:30 – 13:30	Lunch Break		
13:30 – 14:30	Filippo Castiglione	National Research Council of Italy	Talk IV - Immune System Modelling and Simulation
14:30 – 15:30	Andreas Raue	Merrimack	Talk V – Mechanistic modelling in drug development
15:30 – 16:00	Coffee Break		
16:00 – 17:00	Julio Saez-Rodriguez	RWTH Aachen University	Talk VI - Computational models to understand and fight cancer
17:00 – 17:10	Thomas Sauter	University of Luxembourg / LSRU	Closing Speech
19:00	<i>Dinner (Restaurant Goethe Stuff – 32, rue de l'Eau, Luxembourg city-centre)</i>		



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Partners

