

**PROGRAMME OF THE 1st BIOSIM CONFERENCE. MALLORCA 6-8 OCTOBER 2005**

	Thursday 6		Friday 7		Saturday 8
08:00-09:15	Registration				
09:15-09:35	Opening	09:00-09:35	Rowland: Systems Pharmacokinetics: Concepts and application to drug development.	09:00-09:35	Lévi: Biosimulation for development of anticancer drugs and delivery schedule.
09:35-10:10	Gürtler: Biosimulation and its contribution to the 3Rs in animal and human research.	09:35-10:10	Colding-Jorgensen: Modelling the glucose-insulin control system	09:35-10:10	Goldbeter: Modelling circadian drug effects for anti-cancer treatment.
10:10-10:45	Nalda-Molina: Addressing the question of which analyte to use in the assessment of bioequivalence.	10:10-10:45	Stralfords: Insulin signalling in human adipocytes.	10:10-10:45	Lund: Creating a virtual immune system.
10:45-11:15	Coffee break	10:45-11:15	Coffee break	10:45-11:15	Coffee break
11:15-11:50	Jehenson: The European 7th Framework Programme.	11:15-11:50	Ashcroft: Modelling of pancreatic alpha and beta cells.	11:15-11:50	Bermejo: Predicting intestinal absorption: Modelling from in vitro to in vivo.
11:50-12:25	Ovadi: Disease-induced metabolic flux perturbation/ KAR-2, an anti-cancer agent with unique pharmacology.	11:50-12:25	Graae-Sørensen: Quantitative characterization of cell-cell interaction by forcing experiments.	11:50-12:25	Rowland-Yeo: In vitro-in vivo extrapolation and its application.
12:25-13:00	Holstein-Rathlou: Modelling renal hemodynamics: deterministic and stochastic approaches.	12:25-13:00	Quistorff: Relation between glycolytic redox state and energy flux in skeletal muscle.	12:25-13:00	Rostami-Hodjegan: Biosimulations of ADME: from unknown unknowns to known knowns.
13:00-15:30	Lunch	13:00-15:30	Lunch	13:00-15:30	Lunch
15:30-16:30	Parallel meetings of working groups	15:30-16:30	Parallel meetings of working groups	15:30-16:20	Parallel meetings of working groups
16:30-16:45	Pedersen: Experimental and theoretical study of entrainment of Ca and metabolic oscillations in pancreatic islets.	16:30-17:30	Poster presentations	16:20-16:55	Bruggeman: On Silicon cells; construction, analysis, and theory generation.
16:45-17:00	Steffansen: Molecular Biopharmaceutics.			16:55-17:30	Bertau: Small molecules as representative model compounds for drug metabolism.
17:00-17:15	Tessone: Global firing induced by noise or diversity in excitable media.				
17:15-17:30	Zaikin: Stochastic Modelling of Proteasome.				
17:30-18:00	Coffee break	17:30-18:00	Coffee break	17:30-18:00	Coffee break
18:00-18:35	Zinecker: Knowledge space for mental disorders: automatic fact extraction for simulation purposes	18:00-19:00	Posters	18:00-18:35	Rand: Estimating structure and parameters of regulatory nets.
18:35-20:00	General Assembly			18:35-19:10	Noble: Pharmaceutical applications of simulations of cardiac repolarization.
				19:00-19:35	Gorbach: Intraoperative Assessment of Renal Perfusion with infrared Imaging.
		19:35-20:10	Tass: Novel approaches to deep brain stimulation.	19:10-19:45	Braun: Mental disorders: neural dynamics and system interactions.
				19:45-20:00	Closing remarks
20:00-21:30	Dinner	20:30	Banquet	20:00-21:30	Dinner