

CINBIOS

Centre de BioInformatique et BioModélisation

Université Libre de Bruxelles

4th scientific meeting

Tuesday September 14, 2010

Room NB.2VIS (Human Sciences Library, Campus Solbosch)

Program

9h00 - 10h00 : **Serge Van Sint Jan and Véronique Feipel** (*Laboratoire d'Anatomie, Biomécanique et Organogenèse et Laboratoire d'Anatomie fonctionnelle, ULB*)

The Physiome paradigm : description, what occurs in Europe, what could be done at ULB (scientific and pedagogic perspectives)

10h00 - 10h40 **Véronique Thomas-Vaslin** (*Integrative Immunology: Differentiation, Diversity, Dynamics, CNRS- UPMC UMR 7211, Paris*)
Modeling of T-cell population dynamics in mouse: from homeostasis to perturbations

10h40 - 11h00 : Coffee break

11h00 - 11h40 : **Geneviève Dupont** (*Unité de Chronobiologie théorique, ULB*)
Calcium oscillations and cell cycle resumption at fertilization in mammals : a modelling approach

11h40 - 12h20 : **Gianluca Bontempi** (*Machine Learning group, ULB*)
Perspective of feature selection in bioinformatics: from relevance to causal inference

12h20 - 13h00 : **David Gall** (*Laboratoire de Neurophysiologie, ULB*)
Elucidating the functional role of calcium binding proteins in neurons : playing with experiments and models

13h00 - ... in room UD5.114:

- Informal discussions about possible collaborations in the framework of the virtual physiological human project
- Sandwich lunch upon registration by email to Nathalie Vercruysse (navercru@ulb.ac.be)