

Paris Workshop on Molecular and Statistical Genomic Epidemiology

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Centre National de Génotypage

Introduction to Methodology

Sunday 8th May – Tuesday 10th May 2005

Advanced Statistical Methods

Wednesday 11th May 2005

Organisers: Ivo Glynne Gut (Fr), Mark Lathrop (Fr), Dan Weeks (USA)

Venue: Maison de la Chimie, Paris, France

Programme: High density linkage disequilibrium (LD) mapping with single nucleotide polymorphisms (SNPs) is now possible on a genome-wide basis with technologies that permit characterisation of several hundred thousand polymorphisms simultaneously. This approach promises to lead to rapid advances in identifying the genetic factors underlying multifactorial traits in humans. Moreover, genetic approaches can be coupled with other methods of analysis (e.g. gene expression, DNA methylation, proteins and metabolites) to provide a powerful combined approach to detection and validation of biomarkers of diseases. The purpose of this workshop is to introduce researchers to new methodologies that underpin these studies, particularly in the context of on-going research funded by the EU under the auspices of the MolTools and MolPage Integrated Projects. New methodologies for genetic and biomarker studies will be presented by researchers at the forefront of their development. The interactive session on “Advanced Statistical Methods” is intended for a specialised audience interested in problems associated with theoretical and applied statistics to address interpretation.

Speakers include: G. Abecasis (USA), J. Bell (UK), K. Berlin (D), D. Clayton (UK), M. Farrall (UK), S. Heath (Fr), J. Hoheisel (D), U. Landegren (S), H. Langen (CH), S. Miyano (Japan), J. Nicholson (UK), J. Ott (USA), E. Schadt (USA), P. Schulz-Knappe (D), T. Speed (USA), R. Spielman (USA), M. Uhlen (S)

Registration: Introduction to Methodology: € 150 (Academic), € 300 (Industry), € 75 (Student). The number of participants is limited to 150.
Advanced Statistical Methods: € 100 (Academic), € 200 (Industry), € 50 (Student). The number of participants is limited to 30.

For further information please go to: www.cng.fr/conference/