

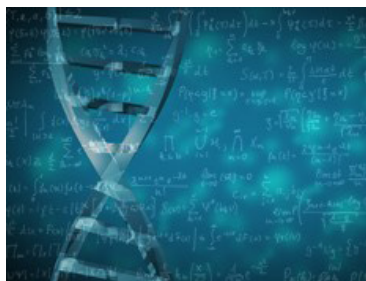
Inserm Workshop 281 Massive Genomic Data: Statistical and Bioinformatic Advances



REGISTRATION DEADLINE: June 14, 2024

ORGANIZERS: Sarah DJEBALI (IRSD Inserm U1220, Toulouse), Anne-Louise LEUTENEGGER (Inserm U1141 NeuroDiderot, Paris), Gaëlle MARENNE (Inserm U1078, Brest)

AIMS: This workshop will present new analytical methods and strategies to identify and interpret genomic regions implicated in human diseases with a particular interest in the non-coding genome.



PHASE I – CRITICAL ASSESSMENT

September 16-18, 2024 in Bordeaux

FROM EXOME TO WHOLE-GENOME SEQUENCING

Christel DEPIENNE (University of Essen, DEU), Inês BARROSO (University of Exeter, GBR), Benoit BALLESTER (Inserm U1090, FRA), Jean MONLONG (Inserm U1220, FRA)

METHODOLOGICAL DEVELOPMENTS...

Jean MULLER (Université de Strasbourg, FRA), Simone RUBINACCI (Harvard Medical School/ Broad Institute, USA), Ozvan BOCHER (Helmholtz Center, DEU), Jenn ASIMIT (University of Cambridge, GBR)

...METHODOLOGICAL DEVELOPMENTS

Anaïs BAUDOT (Inserm/CNRS, FRA), Hugues ASCHARD (Institut Pasteur, FRA), Fabienne LESUEUR (Inserm/Institut Curie, FRA), Anthony HERZIG (Inserm, FRA)

DATA SHARING & ETHICS

Emmanuelle GENIN (Inserm U1078, IT Génétique-Génomique-Bioinformatique, FRA), Aurélien BELLET (Inria, FRA), Jacques VAN HELDEN (Aix-Marseille Université/IFB/ELIXIR-FR, FRA), Catherine BOURGAIN (Inserm U988/CNRS/EHESS/Université Paris Cité, FRA)



PHASE II – TECHNICAL WORKSHOP

October 10-11, 2024 in Brest

The practical phase will provide a comprehensive view of the software and databases used to analyze next-generation sequencing data. The theoretical principles introduced in Phase I will be developed here in a practical way. Methods and software to perform data preprocessing, quality control, association testing and postprocessing will be presented and handled by participants on computers. Interpretation of results and limitations will be discussed on concrete examples.

SELECTION: Twenty trainees will be selected among Phase I participants.

Information and registration:
<https://ateliersinserm.dakini-pco.com>