

Job description

The Laboratory of Clinical Bioinformatics (CLIBI) operates in the field of management and analysis of clinical, genetical and genomic data. It carries out research, development and support to the activities of the Simple Department Structure (SSD) of Medical Genetics and Rare Orthopaedic Diseases of Istituto Ortopedico Rizzoli, Bologna.

The CLIBI team is multidisciplinary and involves among different professionals geneticists, biologists and biotechnologists.

CLIBI is looking for a biostatistician or medical statistician or statistician or bioinformatician with strong and proven statistical skills.

The candidate will be in charge, pro-actively interacting with the experimental research part, to integrate and analyze genomic, genetical and clinical data coming from research activity on rare syndromes involving the human musculoskeletal system.

Job tasks

- descriptive, exploratory and inferential statistical analysis of clinical, genetical and genomic datasets. Particularly categorical (ordinal and nominal) data analysis.
- multivariate regression, clinical prediction modeling, association tests, clustering and classification techniques, temporal and longitudinal data analysis.
- experimental planning, power analysis, sample size calculation.
- Next Generation Sequencing data analysis (both targeted sequencing and whole exome sequencing by *Ion Proton*TM System).

Profile requirements

- Master degree or PhD or specialization in statistics, biostatistics, medical statistics, mathematics, computer science, bioengineering, bioinformatics, computational biology or equivalent.
- Proven experience in statistical and computational analysis of clinical and biomedical datasets.
- Excellent communication skills.
- Proficiency in grants, proposals and technical reports writing

Start date

April

Type of contract

Fixed-term contract

Salary

24000 € per year (variable based of academic titles and professional experience)

Employer

Istituto Ortopedico Rizzoli

City

Bologna (Italy)

Please send your application to

Please send your CV to clibi@ior.it specifying “CLIBI_Biostat_position”.