Statistician
Rheumatology Research Group

Vall d'Hebron Research Institute (VHIR) is a public sector institution, located in Barcelona (Spain) that promotes and develops innovative biomedical research at the University Hospital Vall d'Hebron. VHIR is oriented towards finding solutions to the health problems of the citizens and has the will to contribute to the scientific, educational, social and economic development within its area of competence around the world.

VHIR offers vacancy/vacant position for a Statistician or Mathematics PhD Student within the Vall'Hebrón Research Institute **Rheumatology Research Group**

JOB DESCRIPTION

Education and qualifications:

Required: Statistics degree/ Mathematics Degree or Double degree including Mathematics or Statistics

- Verifiable experience in Statistics Consultancy is also valued

Experience and knowledge:

- Observational studies: epidemiology, association risk and phenotypes correlation
- Database management including computer skills MySQL and R.
- Research experience in computational aspects of one or more of the following area (or highly related) preferred: Bayesian modeling, causal inference methods, finite mixture models, generalized additive models, joint modeling, missing data methods, nonlinear mixed models, survival analysis
- Experience with a scripting type of languages such as Python/Numpy/Scipy, R, Matlab, or similar and some familiarity with SQL or similar. Knowledge of C#, C, Java, etc... is a plus.
- Comfortable manipulating and analyzing complex, high-dimensionality from varying sources to solve difficult problems
- Ability to communicate complex quantitative analysis in a clear, precise, and actionable manner

- **Main responsibilities and duties:**

  - Cleanse and QC of heterogeneous clinical datasets.

  - Assist in the design of experiments and perform their analysis in a statistically rigorous way.

  - Perform data explorative studies using unsupervised and supervised multidimensional approaches, as well as classification analyses.

  - Work closely with bioinformatics and clinical teams to identify and answer relevant biomedical questions.

Labour conditions:

- Full-Time position (40 hours per week)
- Salary: 25.000€
- Start: immediately

HOW TO APPLY

Applicants should submit a full Curriculum Vitae and a cover letter with the reference CV´s Unit Rheumatology. to the following email addresses: toni.julia@vhir.org and (seleccio@vhir.org)