Research engineer in biostatistics

Do you want to contribute to the structuring of clinical data on a European scale?
Do you want to participate in a project that aims to improve the lives of patients?

Join the ImmunoConcept laboratory at the University of Bordeaux!

Created in 2016 on the basis of the CIRID laboratory, ImmunoConcEpT relies on transversal skills combining researchers in fundamental sciences and hospital practitioners. Composed of 4 teams with distinct and complementary specialties, the Unit is in full development.
The EUSTAR ("EUropean Scleroderma Trial and Research") group is an international scleroderma research network. The aim of the EUSTAR cohort is to coordinate and focus research activities, in order to improve treatment, quality of life and mortality of patients with systemic sclerosis (SSc).
The EUSTAR cohort was launched in 2004 and was initially supported by the European League Against Rheumatism (EULAR). The aim of the initial project was designed to establish a large-scale database in a rare disease to facilitate the exact characterization of this debilitating disease, spread the knowledge even beyond the borders of Europe and stimulate innovative research targeting the major problems of the affected patients. The project has so far reached a unique size for a rare disease having included more than 20'000 SSc patients prospectively followed in more than 250 centres.

In this context, we are looking for a **Research engineer in biostatistics**.

Main activities:

The main objective of this study is focus on lung involvement in SSc.
We aim at assessing the long-term effectiveness of therapeutics on a composite outcome of time to forced vital capacity (FVC) decline, lung transplantation (indicating end-stage ILD), or mortality; in addition, to other outcomes of interest in patients with SSc-ILD using data from the EUSTAR registry.
The secondary study objectives will be: to assess long-term treatment effectiveness of several therapeutics on clinical, biological and imaging parameters collected in EUSTAR.

Your main mission consists in :
- Carrying out the statistical analyses requested as part of the EUSTAR cohort, in agreement with and under the responsibility of the scientific committee.
- Formatting and presentation of the results.
- Supporting the teams involved in the project in presenting the results of the statistical analyses (in any form: slide show, poster, summary, article, etc.).
- Randomisation of author lists for publications.

As such :
- Designing and drafting technical documents relating to the area of activity

- Establishing/updating, organising and implementing processes, procedures, protocols and instructions specific to his/her area of activity
- Discusses procedures with project investigators and the technical staff involved
- Managing and processing data/information (research, collection, analysis, prioritisation, distribution, classification, monitoring)
- Publication of information internally and externally
- Carrying out studies and research in the field
- Drafting of reports relating to observations and interventions in the field of activity
- Processing and analysing medical and/or biological information/data: extraction, grouping, graphic representation
- Monitoring specific the field of activity

Your skills:

Holder of a Master's or PhD degree with significant experience (between 1 and 4 years) in data management, in the field of clinical/ medical studies, you have a solid background in statistics and training in biology or medicine is highly recommended.

- Demonstrated experience in planning, conducting and analyzing non-interventional studies, planning and conducting advanced statistical analysis including interpretation of results
- Some experience with the following methods and the ability to quickly become familiar with the methods
- Propensity score methodology (e.g., matching, weighting)
  - Multivariate logistic regression model
  - Mixed model for repeated measurements
  - Survival analysis including Kaplan-Meier analysis, cumulative incidence function, Cox regression with time-varying covariates and complex exposure modelling
  - Marginal structural models
  - Methods to resolve missing data issues (e.g., interpolation, multiple imputation)
- Highly proficient in R and/or SAS software. (SPSS not accepted)
- Analytical, team and organizational skills are required to work as a project team and adapt to work methods and techniques
- You have management experience and excellent interpersonal skills
- Fluency in English (written / oral) level C1/B2 in a multicultural work environment

Any experience of participating in analyses as part of multicentre clinical studies or studies involving several partners would be an asset.
Do you recognize yourself? Apply!

More information:

By joining ImmunoConcept, you will work 100% on the EUSTAR project, within a multidisciplinary and multicultural team.

You will be working closely with the project's scientific team (including the laboratory's scientific leader and members of the EUSTAR International Board) and the administrative team (administrative director and managers).

Based in Bordeaux – access by tramway line A (stop « Saint Augustin ») buses, bike.
The laboratory very close to the centre of Bordeaux (10min) and about 60 Km of the Atlantic coast.

12 months fixed-term contract

Salary gross: from 2400€ to 3100€ according the salary grid

Job Benefits:
50 days of vacation from the first year of collaboration
Remote working possible according to needs and organization of the service
Refill of 75% of the subscription to the public transport
Participation in the private healthcare up to 15€ / month
Leisure, sport and culture for all staff
Disabled-friendly establishment
Possibility of staff parking
Sustainable mobility package for commuting – work

Recruitment process: Applications are reviewed as they arrive.
Candidates selected for an interview will be contacted by the Recruitment Officer for a first pre-qualification phone conversation. An interview with the supervisor will then be organised by videoconference.

Please note that to be admissible, you must apply to the job offer or send e-mail with your documents at: job-ref-561cjhm9h5@emploi.beetween.com