



JOB PROFILE

JOB TITLE

Biostatistician or physician/pharmacist biostatistician

Service de Biostatistique-Bioinformatique des Hospices Civils de Lyon (HCL)

LOCATION

Address: Service de Biostatistique-Bioinformatique des Hospices Civils de Lyon
- Site Lacassagne : 162, avenue Lacassagne - 69424 Lyon Cedex 03
- Site Centre Hospitalier Lyon Sud : pavillon 4D - 165, Chemin du Grand Revoyet 69495 Pierre-Bénite

THE TEAM AND ITS MISSIONS:

The Service de Biostatistique-Bioinformatique is one of the departments that support research activities at Hospices Civils de Lyon and part of Pôle d'Activité Médicale 'Santé Publique'. Its main mission is to provide assistance in statistics for clinical research, epidemiology, bioinformatics, and artificial intelligence. Currently, the department employs 23 persons: two PU-PH (university professor-hospital practitioner), two MCU-PH (senior lecturer-hospital practitioner), one AHU (university hospital assistant), one PH (hospital practitioner), 13 research engineers (10.5 full time equivalents), one scientific editor, and three secretaries. The department supports research activities from study conception (design, sample size, feasibility) through statistical analyses (intermediate and final) to publication (editorial assistance with report/article drafting and poster presentation). Its services include simple or complex statistical analyses according to the study needs (modelling, simulations). Some projects require the development of new biostatistical methods; this constitutes the team's own research work.

The expertise of the department is sometimes solicited by external entities such as university laboratories, INSERM units, CNRS units, DRASS, Santé publique France, Institut National du Cancer (INCa), Agence de Biomédecine, Expertise France, and other public or private institutions. The department is also the partner of regional platforms PARCC-ARA (Plateforme d'Aide à la Recherche Clinique en Cancérologie d'Auvergne Rhône Alpes) and PRABI (Pôle Rhône-Alpes de Bioinformatique).

The department has close relationships with Université Claude Bernard (Lyon 1) via Équipe Biostatistique Santé of Laboratoire de Biométrie et Biologie Évolutive (UMR CNRS 5558). This ensures a tight link between hospital and university research activities. The themes of the department research activities in biostatistics methodology are:

- *Incidence, Mortality, Survival*
- *Modelling patient trajectories*
- *Development of compartment models to model the spread of epidemics or the changes in flows of patients with chronic diseases*
- *Biomarkers for medical decision-making*
- *Models and learning algorithms for big data analysis*
- *Innovative statistical methods for clinical trials*

DESIRED PROFILE:

All applications from public health physicians or pharmacists with good understanding of biostatistics (minimum Master 2 degree but preferably PhD in Sciences – specialty Biostatistics) will be seriously considered, especially that an open-ended 'Praticien Hospitalier' position will be open within three years. However, profiles with expertise that allows ensuring the following missions are also welcome:

- Help with statistical methodology
- Conduction/supervision of statistical analyses

- Identification of necessary statistical developments
- Literature monitoring
- Project evaluation
- Possibly, participation in teaching and training activities

The activity of the selected person will focus on clinical trials.

WORKING CONDITIONS

Contract duration: One year, renewable, fixed-term contract ('CDD'), full-time job

Status - Salary: Employee under contract according to the salary scale of Hospital Practitioners (PH)

Job start date: **November 1, 2019**

CONTACT:

Please send a CV and a cover letter to:

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+ CC to:

Pr Pascal Roy, PU-PH Biostatistiques
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This job profile change according to changes in the department's activities and organization.