Post-doctoral fellow in Bioinformatics (M/F)

Servier is an international pharmaceutical company governed by a non-profit Foundation and headquartered in France. With a strong international presence in 149 countries and a turnover of 4.2 billion euros in 2018, we employ over 22,000 people worldwide and more than 2,000 in R&D, in Paris area.

Being completely independent, we reinvest 25% of turnover (excluding generics) in Research and Development and use all our profits in growth. We are specialized and driven by our constant search for innovation in five major areas: cardiovascular disease, cancer, diabetes, immuno-inflammatory disease and neuropsychiatry, as well as by our activities in high-quality generic drugs. Servier also offers e-health solutions that go beyond drug development.

Autoimmune diseases (AIDs) are a significant source of worldwide chronic illnesses, disabilities, and deaths. Specifically, Systemic lupus erythematosus (SLE) and Sjogren syndrome (SjS) are two highly heterogeneous diseases characterized by chronic inflammation and tissue destruction, targeted for drug development. The understanding of underlying deregulated biological processes is key for the identification of personalized treatments and is the major goal of this project.

We are looking for a bright and highly motivated post-doctoral fellow to join our teams in studiying the deciphering deregulated pathways in autoimmune diseases at the patient level.

You will be involved in the analysis of large cohorts of patients with available RNASeq data from tissue or blood samples. You will be involved in the identification of key deregulated pathways and gene networks in AIDs patient for building hypothesis of treatment strategies. To pursue this goal, you will use existing bioinformatics methods and develop new methods if necessary, for interrogating gene expression profiles in large RNASeq datasets.

Desired Profile

- PhD in Bioinformatics/Biostatistics/Computational Science with a good knowledge of molecular biology, functional enrichment analysis.
- Strong experience in molecular data analysis, specifically transcriptomics and pathway enrichment analyses
- Strong collaborative skills and ability to work with multidisciplinary skills
- Previous Experience in RNAseq data analysis
- Previous experience in immune-related diseases is a plus
- Good level of scientific english (oral, written)
- Good knowledge of R, linux, python or perl, NGS data analysis
- ideally, you just finish your PhD or your first postdoc