

**Title: Bioinformatics Scientist, multi-omics of Immune-Mediated Inflammatory Diseases, IMIDomics, Spain**

IMIDomics, Inc seeks to fill one full-time position:

**Postdoctoral Bioinformatics at IMIDomics**

We are looking for a highly motivated postdoctoral researcher to work in the multi-omic analysis of Immune-Mediated Inflammatory Diseases (IMIDs). The successful applicant will work in IMIDomics ([www.imidomics.com](http://www.imidomics.com)), a rapidly growing spin-off from the Vall d'Hebron Research Institute, that is focused on bringing the power of precision medicine to IMID patients. A fundamental strategy at IMIDomics is to integrate high-quality molecular data from large cohorts of well-characterized patients. The approach is therefore highly multi-omic, combining data from multiple levels including genetic, epigenetic, transcriptomic, metagenomic, proteomic and single-cell sequencing levels. The applicant will be responsible for the analysis of different types of sequencing data generated from these patients. The postdoc will work in a team of bioinformaticians and expert genomic scientists as well as medical researchers. We provide a highly stimulating environment with the use of state-of-the art technologies and unique career development.

**Tasks:**

- Development of QC, processing and analysis pipelines for multi-level biological data (i.e. RNA-Seq, GWAS, epigenomics, metagenomics, single cell RNA-Seq)
- Statistical association analysis and model construction
- Generation of results reports

**Desired skills and expertise**

- PhD in Bioinformatics, Computational Biology, Systems Biology or closely related areas
- Experience in analysis of next-generation sequencing data sets. Experience on single-cell RNA-seq data would be a valued asset
- Good communication skills
- Excellent programming skills. Fluency in R.

Applications including all relevant credentials should be sent to: e-mail: [toni@imidomics.com](mailto:toni@imidomics.com)

**Work conditions**

**Type:** Full time position

**Starting date:** Immediate



**Salary:** 45,000€ or higher, commensurate to the candidate's expertise and qualifications.