

## Job Description

**ADmit THERAPEUTICS S.L.**, is a company focused on the development of a novel early Alzheimer's Disease detection technology in blood samples using Next Generation Sequencing techniques (Illumina platform). The company has received important investments from the EU commission (H2020 programme – EIC Accelerator) and the Alzheimer's Drug Discovery Foundation, among other recognized private investors since its inception at the end of 2017.

**We are looking for a *Bioinformatician*** with a background in IT (computer scientist, informatics, telecommunications engineer or similar) and knowledge of biostatistics. The successful applicant will be at the core of our bioinformatics and data science department. (S)he will collaborate with a multidisciplinary team focused on bringing early detection technology to AD.

## Main Duties

The main responsibilities of the position include:

- Data processing and analysis in cutting edge Alzheimer's disease and other dementia disorder projects, including among other support on experimental design, quality assessment of raw and tidy data, mapping reads, features quantification, and downstream analyses.
- Review and update databases hosting biomedical data generated by the company.
- Participation in improving the degree of automation of the established workflows and processes of analysis.
- Participation in implementing new workflows, pipelines and tools.
- Contribution to technical documents and reports.
- Participate in derived possible research tasks that will be identified over time.

## Professional Experience

- At least 1 year of demonstrable experience in omics data analysis.
- Experience with Linux, Mac and Windows computing environments.
- Excellent programming skills in R and Python programming languages.
- Knowledge on other programming languages (e.g. C++, Java, and/or PHP).
- Knowledge on the use of relational databases (MySQL, MariaDB, PostgreSQL, etc).
- Knowledge on Version Control Systems (GitLab, GitHub, Cloud Source Repositories, etc).

## Desirable but not required

- Knowledge on molecular biology and the main concepts on molecular mechanisms of neurodegenerative diseases.

### Education and Training

- Be in possession of a Bachelor's degree in Bioinformatics, Omics Data Science (or in equivalent field).
- *Applicants with formal education in Biology/Biochemistry (or in equivalent background) will NOT be considered for the selection process.*

### Desirable but not required

- Postgraduate or Master's in Bioinformatics (or Omics Data Science)

### Languages

- Demonstrate a high level of knowledge in English, both spoken and written.

### Competences and Soft Skills

- Technical development-oriented and fun-with-data.
- An analytical bent of mind, an attention to detail, and creative vision.
- Patience, collaborative, and a good team player.
- Honest, reliable, hard-working and curiosity about learning.
- Good problem-solving and time management skills.

### Contract Benefits

- Full-time position (40 hours/week)
- The Gross annual salary will be commensurate to the candidate's expertise and qualifications.

### Required Information and Contact

All applications **MUST include**:

1. A motivation letter addressed to Dr. Marta Barrachina.
2. A complete CV including contact details.
3. Contact details of two referees.

All candidates must be addressed to: [info@admit-therapeutics.com](mailto:info@admit-therapeutics.com)

Please include "**Bioinformatician**" in the subject of your email.

**Application deadline: March 31st, 2022.**