



## **Job Description: Assistant CEO/CTO in Bioinformatics and Biostatistics**

**Company:** XEGEN (<http://www.xegen.fr>)

**Location:** GEMENOS 13420

**Job Type:** Full-time, on-site

**Start Date:** October/November 2024

### **About XEGEN:**

XEGEN is an innovative company specializing in bioinformatics and biostatistics, dedicated to transforming omics data into high-value biological insights. Our main activity consists of providing comprehensive services, including project scope specification, identification of analysis strategies, data analysis implementation, and contextualized interpretation of results.

Our areas of expertise include genomics (WES, WGS, Targeted), transcriptomics (RNA seq, Bulk, Single cell), epigenetics, metagenomics, etc. Our goal is to support the projects of academic laboratories, biotech firms, or pharmaceutical companies by addressing their biological questions and providing high-quality insights to guide their projects toward success. At XEGEN, we develop advanced, interoperable, and user-friendly software to automate data analysis with a high level of expertise. Our tailored solutions integrate seamlessly into workflows to standardize analyses, facilitate production management, while enhancing speed and accuracy. Our rigor and experience enable us to develop sophisticated and innovative algorithms that guarantee reliable and reproducible results.

Our company has been ISO 13485 certified since 2020, reflecting our commitment to complying with the quality and regulatory standards of our sector, enabling us to market healthcare software, including as in vitro diagnostic medical devices.

### **Job Summary:**

We are offering a position for a highly qualified scientist as an assistant to the Chief Technology Officer (CTO) - Bioinformatics and Biostatistics.

### **Your Responsibilities:**

- Assist the CTO in the daily management of ongoing projects and tasks, providing your expertise.
- As a senior scientist, you will play a key role in the development and validation of our internal research and development (R&D) projects.
- Stay up-to-date with the latest advancements in bioinformatics, biostatistics, and related fields to incorporate innovations into our projects.
- Work closely with our clients to understand their specific challenges, design tailored analysis strategies, rigorously analyze their data, interpret results, and communicate transparently at every stage of the project.
- Contribute to the specification, development, and validation of cutting-edge software solutions.
- Help develop our software platform to create innovative diagnostic solutions.

September 6 th, 2024

**Qualifications:**

- Ph.D. in bioinformatics, biostatistics, or computational biology.
- Experience in bioinformatics and biostatistics with a solid biological understanding.
- Proficiency in programming languages such as Java, R, Python, and relevant bioinformatics tools.
- Experience in analyzing and interpreting high-throughput sequencing data.
- Excellent problem-solving skills and ability to work independently and collaboratively.
- Excellent communication skills, both written and verbal, with the ability to explain concepts and results to clients.
- Familiarity with medical diagnostics and regulatory standards (e.g., ISO 13485) would be a plus.

**Differentiating Skills:**

- Motivation to contribute to the growth of the company!
- Rigor and autonomy.
- Proficiency in English (reading, speaking, and writing).

**What We Offer:**

- Opportunity to work on cutting-edge projects in a collaborative and innovative environment.
- Professional development and continuous learning opportunities, with growing responsibilities.
- A dynamic and supportive team committed to scientific excellence and customer satisfaction.

**How to Apply:**

Interested candidates are invited to submit their CV and a cover letter, along with the contact details of 1 or 2 references (by email at [job@xegen.fr](mailto:job@xegen.fr)). Please include "Bioinformatics / Biostatistics Application" in the subject of your email.