

JOB DESCRIPTION

LEAD SCIENTIST, BIOCHEMISTRY AND MOLECULAR BIOLOGY



ABOUT BIOMEMORY

Biomemory is a startup that develops a DNA-based data storage solution using synthetic biology processes to provide an alternative to current media (memory, disks, tapes) that are fragile, bulky and not very environmentally friendly.

The Biomemory team is composed of researchers and engineers in biotechnology.

To know more about us: www.biomemory-labs.com

JOB DESCRIPTION

As head of the R&D team, the lead scientist will be responsible for leading a team of engineers in biochemistry, molecular biology and synthetic biology in the context of Biomemory innovative projects. He/she will lead, train and guide the team to achieve the objectives set by the scientific directors.

His/her expertise in biochemistry and molecular biology will allow him/her to implement approaches for directed molecular evolution of enzymes, production and purification of enzymes and DNA, molecular characterization of enzymes and their integration into Biomemory processes. In addition, he/she will guide the continuous improvement of Biomemory's production processes.

PROFILE

With a degree in biochemistry and/or molecular biology, you have at least 5 years of post-doctoral experience in a laboratory or industry. You possess:

- A strong theoretical and practical expertise in protein biochemistry (structural analysis, enzymology, redesign, heterologous expression, purification)
- Theoretical and practical expertise in directed molecular evolution (in vitro and/or in vivo)
- A good theoretical and practical expertise in molecular biology and synthetic biology methodologies
- Knowledge or expertise in automation in biology would be a plus, for example: piloting pipetting and acoustic robots, microfluidics
- Knowledge of python programming would be appreciated
- Knowledge of 3rd generation sequencing techniques (Oxford Nanopore) would be appreciated
- Writing skills in the context of writing scientific and technical documents
- A level of English B2 to C1 (Common European Framework of Reference for Languages)
- Experience with Microsoft Office and Google Docs, as well as sequence manipulation software

OTHER COMPETENCIES

- Team work, team spirit
- People and Project Management
- Ability to work effectively independently
- Demonstrated proactivity
- Organizational skills
- Ability to be accountable, to ensure accountability
- Critical thinking, technical rigor
- Openness to criticism and suggestions
- Intellectual and personal rigor, honesty and integrity

LOCATION AND SALARY

- Requested diploma: PhD
- Permanent staff (French CDI), salary from 55 to 80 k€ gross/year according to experience
- Location: Paris

INTERESTED?

Send you CV and cover letter to stephane@biomemory-labs.com and pierre@biomemory-labs.com