



## **Upstream Process Development Scientist in DNA bioproduction for gene therapy**

In order to sustain the growth of the company, Delphi Genetics is recruiting a USP Scientist with bacterial fermentation experience to join its Process Development team.

Join a highly dynamic CDMO with opportunities to develop your career and contribute to the expansion of DelphiGenetics “plasmid DNA development and production” core business, for gene therapy.

### **Position Summary**

Main tasks and responsibilities relate to fermentation/upstream process development.

The candidate is expected to:

- Define, develop and optimize microbial fermentation processes, using bioreactors.
- Scale-up fermentation from laboratory to production scale.
- Actively participate to process transfer from R&D department to GMP production department
- Deliver USP processes and process flowcharts in a timely manner
- Identify and implement new technologies and solutions for *E.coli* fermentation processes
- Perform experiments and routine lab analysis following established protocols, autonomously.
- Maintain accurate and complete records according with company policies.
- Anticipate potential problems and perform troubleshooting analysis and experiments.
- Multitask and resistant to stress generated by project deadlines.

### **Specific tasks**

- Setting up bioreactors or shake-flasks. Monitoring / controlling fermentation process, harvesting culture, cleaning up fermenters, and maintaining the fermentation system and its supporting equipment.
- Analyze samples for productivity assessment (plasmid DNA extraction, gel electrophoresis,...).
- Designing and performing experiments to optimize culture medium recipes and feeding strategies to improve product yield.
- Prepare tech transfer documents and manage tech transfer activities from development to production scale.
- A successful candidate also needs to communicate effectively with co-workers and partners on a daily basis.



### **Delphi Genetics SA**

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## Education & Experience

- Master Scientist, BioEngineer or PhD in Biology, chemistry or equivalent, through education and/or experience.
- Previous experience, knowledge and hands-on experience on the principles, practices and techniques of fermentation and bioreactors' technology.
- Hands-on experience working with microorganisms, preferably *E. coli*.
- Experience in developing novel fermentation processes and upscaling is a big plus.
- Experience working in a GMP environment is a plus.
- High degree of personal accountability being able to work and handle multiple assignments independently with broad guidance from leadership, and deliver results within project specific timelines.
- Ability to read, analyze and interpret scientific articles and technical procedures.
- Ability to communicate and present data to the team.
- Ability to transmit passion and enthusiasm

## Other Skills

- Computer skills: Office package. Experience with data management and statistics software is a plus.
- The candidate must be fluent in French, English knowledge is a plus.
- Interpersonal skills: team player, rationally creative, communicative, committed, flexible, organized, problem-solver, stress resistant to project deadlines, optimistic, resilient.

## What we offer

- A full-time permanent contract.
- An attractive package according to your experience level.
- A dynamic working environment in a fast-growing company.

## Application

If you are interested, please send your CV and motivation letter to [secretariat@delphigenetics.com](mailto:secretariat@delphigenetics.com)



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