



## **Process Development Technician**

In order to sustain the growth of the company, Delphi Genetics is recruiting a PD technician with fermentation experience for its Industrialization team. Join an international and highly dynamic team with opportunities to develop your career, and experience the fast-growing environment of Delphi Genetics, contributing to our core business of plasmid DNA development and production for gene therapy.

### **Position Summary**

Main tasks and responsibilities are linked to our upstream processes, although depending on the needs, the candidate might work on downstream process development as well. The candidate is expected to:

- Define, develop, optimize and validate fermentation processes for microbial products in shake flasks and bioreactors.
- Scale-up fermentation from laboratory to production scale.
- Identify and leverage advances in microbiology fermentation research, new technologies as well as processes and equipment to maintain our company as a leader in the field.
- Perform experiments and routine lab analysis following established protocols with limited explanation and supervision.
- Maintain accurate and complete records according with company policies.
- Keep track and maintain laboratory equipment, consumables and supplies and ordering as needed.
- Be an active member of the industrialization team in particular, and of the whole company in general.
- Recognize potential problems in advance and troubleshoot.
- Multitask and be resistant to stress generated by deadlines.

### **Specific tasks**

- Setting up the fermenters, preparing seed flasks, monitoring/controlling fermentation process, harvesting culture, cleaning up fermenters, and maintaining the fermentation system and its supporting equipment.
- Processing samples for yield assessment (midiprep, agarose gels).
- Designing and performing experiments to evaluate culture medium formulations and feeding strategies to improve product yield in small scale and pilot scale bioreactors.
- Prepare tech transfer documents and manage tech transfer activities from pilot to production scale.
- The candidate is expected to work off hours occasionally to deliver results within tight timelines.
- 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 and Experience

- Basic scientific, engineering, and analytical principles obtained through academic training and/or experience.
- Previous experience, knowledge and hands-on experience on the principles, practices and techniques of fermentation and bioreactors' technology is highly desirable.
- Hands-on experience working with bacteria, preferably but not exclusively *E. coli*.
- Experience in developing novel fermentation processes and upscaling is a big plus.
- Experience working in a GMP environment is advantageous.
- Basic chromatographic methods knowledge.
- 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 Industrialization team.
- Ability to transmit passion and enthusiasm about your work, in order to build a positive team environment.

## Other Skills

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

## Application

If you are interested, please send your CV and motivation letter to [csavels@delphigenetics.com](mailto:csavels@delphigenetics.com), before December 20th 2019.



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