



Bioprocess Engineer

Location : Suresnes (92), France

Contract type : full time

Starting : ASAP

Phagos is on a mission to create a cleaner, more sustainable future by using bacteria's natural predator, the bacteriophage, to win the fight against antibiotic resistance and to cure infectious diseases in animal farming.

To make our vision a reality, we are seeking a highly skilled and motivated Process Engineer to join our biotechnological company. As a bioprocess engineer, you will play a critical role in leading the scale-up of bacteriophage production, which presents a promising alternative to antibiotics. This position requires a deep understanding of bacterial fermentation principles. If you are looking to get in at the start of something novel and world changing, we would love to chat!

Responsibilities:

- Assist in the scale-up process of bacteriophage production, ensuring efficient and optimized production lines.
- Apply your expertise in bacterial fermentation principles to develop and optimize processes for bacteriophage production.
- Help define processes for downstream purification of bacteriophage lysates.
- Conduct rigorous analysis of process data, identify areas for improvement, and implement necessary changes to enhance productivity and quality.
- Develop and implement standard operating procedures (SOPs) for production processes, ensuring adherence to regulatory requirements.
- Troubleshoot and resolve process-related issues to maintain continuous and uninterrupted production.
- Stay updated with industry advancements, scientific literature, and technological innovations relevant to bacteriophage production.

Requirements:

- Master's degree in Chemical/Biological Engineering, Biochemistry, Biotechnology, or a related field.
- Proven experience in scaling up biotechnological production processes, preferably in the field of bacteriophages or microbial fermentation.
- Strong understanding of bacterial fermentation principles and knowledge of related analytical techniques.
- Knowledge in quality control (QC) principles and implementation.

- Excellent problem-solving skills and the ability to troubleshoot process-related issues effectively.
- Familiarity with regulatory requirements and guidelines related to biotechnological production processes.
- Strong communication and collaboration skills, with the ability to work effectively in cross-functional teams.
- Detail-oriented mindset and the ability to analyze and interpret complex process data.
- Adaptability and a continuous learning mindset to stay updated with advancements in the field.