

Organizational Context

INEOS Bio is a newly created organization responsible for the commercialization of a new bio-fuels technology. INEOS Bio will research, develop, license and deliver this technology, on a global basis, to third parties; will market proprietary bio-catalysts; and will identify and facilitate business development and investment opportunities.

Job Description

The successful candidate will be working with one or more PhD scientists in support of their research projects. He or she will be responsible for conducting experiments on several anaerobic bacterial strains and developing new molecular biology, cell biology and biochemistry techniques, as well as for conducting bacterial fermentations in bench top reactors. It is expected that the incumbent will also be involved in the preparation of buffers, reagents, bacterial growth medium, and with lab maintenance. A strong work ethic, good communication skills, and the ability to work in a team environment are essential.

Responsibilities & Accountabilities

- Manipulation of anaerobic bacterial strains under aseptic conditions.
- Nucleic acid extraction, amplification and quantitation.
- Microbial analysis of samples by digital microscopy.
- Operation and maintenance of bench top bioreactors.
- Sample preparation for chromatographic and other chemical analysis.
- Preparation of chemical reagents and liquid/solid bacterial growth medium.
- Maintenance of lab equipment; performing quality assurance audits.
- Documentation of experiments and data, including proper lab notebook maintenance.
- Generate or assist in the generation of SOPs and reports, when required.
- Basic interpretation of biochemical and analytical data, including processing data for subsequent review and reporting by supervisor.
- Compliance with all lab safety requirements and procedures.
- Assisting with general lab operations, including autoclaving waste and ordering supplies.

Skills, Education, & Knowledge Required

- BS/MS in Microbiology or Biotechnology, or equivalent.
- 3 – 5 years hands-on professional lab experience using modern cell biology, molecular and microbiological techniques.
- Highly proficient in the use of microscopes and associated Image acquisition/analysis software.
- Excellent computer skills with special emphasis on familiarity with Word and Excel softwares.
- A strong working knowledge of molecular biology, microbiology and cell biology.
- Ability to work safely with chemicals and microorganisms.
- Strong organizational and people skills, with ability to work in a team environment
- Ability to independently execute parallel projects and work under timelines.
- Strong written and verbal communication skills.
- Ability to organize, analyze, and deliver information in a concise, accurate, and professional manner.
- Attention to detail with excellent record-keeping skills.
- Demonstrated ability to quickly learn and apply new concepts and techniques.
- Ability to interpret experimental results and to develop solutions to problems with minimal guidance.

How to Apply / Additional information

Please submit your resume to biocareers@ineos.com and mention the job you are applying for in subject line.