

### C3 BIOTECH Company Statement

C3 BIOTECH is a rapidly growing biomanufacturing company focussed on the production of clean and competitive fuels to meet Net Zero and sustainability needs.

At C3 BIOTECH we recognise the importance of global energy provision and the impact that human activity has on waste accumulation and climate change. We also recognise the increased pressure on global resources, including fresh water and agricultural land. At C3 BIOTECH, we are radically redesigning biomanufacturing routes to enable sustainable fuels production across multiple sectors and to meet Net Zero needs. By embracing radical redesign of fuels production systems, we aim to develop clean and competitive fuels production platforms that unite innovations from biology, chemistry and process engineering.

The C3 BIOTECH team is world-leading group of industrial chemists, biologists, process engineers and delivery managers, working together to bring to market the production of clean and competitive fuels. We are now looking to recruit a Senior Scientist to expand our team.

#### **Senior Scientist - Industrial Biocatalysis and Process Separations**

- Salary in the range of £45,000- £55,000 per annum (dependent upon experience) or above for exceptional candidates
- Duration: Full time
- Full Time (40hrs per week)

#### **About the role:**

We are seeking a highly motivated Senior Scientist to join our team. The appointee will have expertise in biocatalysis and separations science and work within the C3 BIOTECH Science and Engineering Teams to support the development and operation of pilot scale manufacturing platforms for chemicals production.

You will be responsible for the development and optimisation of biocatalytic platforms at scale and associated separations methods for product recovery. The role would suit qualified and ambitious individuals looking for an opportunity to support a forward thinking and rapidly expanding company that is leading the way in sustainable energy production.

#### **C3 Biotech research facility:**

Our laboratories are located at The Manchester Institute of Biotechnology (MIB), within the University of Manchester within the City of Manchester region and a new industrial facility in nearby Stockport, which will support process engineers, and scientists in pilot plant constructions and operations. The appointee will be based primarily at MIB, but will be expected to work also at the Stockport industrial facility, as appropriate.

## JOB DESCRIPTION

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### ORGANISATIONAL ARRANGEMENTS

Accountable to:

1. Principal Scientist
2. Chief Scientific Officer

### DUTIES AND RESPONSIBILITIES

Guided by a range of protocols and procedures and after discussion with the above, the post holder will be competent in the methodologies used within the laboratory in order to:

- Advance scaled biocatalytic platforms and separation methods, and to develop standard operating procedures for from the operation of bioreactors across multiple scales.
  - Perform analytical methods such as GC-MS and HPLC/UPLC and related methods to analyse the efficacy of separation methods and evaluate the purity of recovered compounds.
  - Record, format and analyse data using Excel and related software platforms; manage and archive data using collaborative platforms (e.g., SharePoint).
  - Explore 'Design of Experiments' and other statistical approaches in biocatalysis and separations science, and implement statistical analysis of data.
  - Support multiple projects, with a willingness to work across discipline boundaries.
  - Draft project reports, contribute to project meetings and present research and development outcomes in written and oral formats, as appropriate.
  - Provide specialist advice and guidance to C3 BIOTECH colleagues.
  - Prioritise workloads to respect project timelines; report to line managers at regular progress meetings; co-develop science programmes in collaboration with line managers and other C3 colleagues, as required.
  - Undertake any other duties as requested by line managers, which are commensurate with the level of the role.
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## PERSON SPECIFICATION

The successful candidate will be passionate about developing biocatalytic and biological approaches to manufacturing and hold a strong interest in developing sustainable processes within the fuels sector. The appointee will be highly motivated and flexible in approach to managing and prioritising day-to-day activities.

You should have a PhD or equivalent in a relevant Chemical, Biological, or Biochemical Engineering discipline. Expertise in biocatalysis and / or separations science is desired, although candidates from related backgrounds will also be considered. You will be a self-motivated and organised individual with a conscientious and meticulous approach to working practices.

The company pro-actively fosters a culture of inclusion and diversity in all its activities.

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## STANDARDS OF PERFORMANCE

- Work efficiently, cost-effectively and in a flexible manner.
- Meet objectives within pre-determined timescales.
- Communicate effectively with staff at all levels.
- Adhere strictly to company policies and procedures.
- Comply with Health & Safety requirements, and have an awareness of personal responsibilities to maintain a safe working environment.
- Use all equipment and laboratory infrastructure in a safe and appropriate manner.
- Be familiar with, and actively support, the Company's Equality and Diversity policies.
- Always strive to accomplish high quality work.
- Respect and maintain the confidential nature of company's work.

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## TO APPLY

To apply please submit your CV to [hr@c3biotech.com](mailto:hr@c3biotech.com)

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**C3 BIOTECH**

ENERGISING A LOW CARBON WORLD