

Refugee Job Description

Research and Development (protein science) Technologist

We are looking for a scientist or post doc in the physical chemistry of surfaces and interfaces/thin films to support the continuous innovation of all aspects of membrane technology which are at the core of our technology. The position is suitable for a creative, inquisitive, and motivated scientist with a strong expertise in biophysical chemistry of membranes, colloids/emulsions and interfaces, chemical modification of surfaces, selective surface wetting and de-wetting, and has a keen interest in their practical applications!

The successful candidate will design experiments, analyse data and communicate the results on projects to the group lead and other key stakeholders. The role will also require working within a team and collaborating with other groups within the organization and requires excellent communication and inter-personal skills. Preference will be given to candidates who thrive in fast-paced environments, who are highly organized, flexible and can efficiently manage their time, occasionally across multiple projects simultaneously

Key responsibilities include: To perform research and development on various aspects of our platform chemistry working closely with other team members and collaborators. Responsibilities may include project management, subject to experience.

Duties include, but are not limited to:

- Characterisation and modification of surfaces and interfaces to support improvements/innovation.
- Research novel membrane formulations
- Basic electrophysiology
- Data analysis, recording, reporting and interpreting experimental results
- Work alongside groups within the company to secure intellectual property
- Transfer processes and documentation to other departments
- Ensure any work being undertaken, either by themselves or by others they are managing, meets company H&S requirements
- Any other duties as might be required within the remit and responsibilities of the post

What We're Looking For...

We'll expect you to have a experience in Surface Science, Biophysics, Materials Chemistry or related field, 2+ years' experience either in academia or relevant industry and a strong output record.

Essential experience: - Hands-on experience and strong theoretical understanding of physical chemistry of membranes, surface chemical modification and selective surface wetting/de-wetting.

- Knowledge and experience in a variety of surface and interface characterisation techniques
- Previous experience in experimental design

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Desirable experience: - Manipulation of biological species (DNA, proteins, etc)
- Previous experience in project management
- Experience working on multiple projects simultaneously

In addition, you are someone creative, able to propose research ideas and to contribute to R&D towards division's goals and objectives. You have the capacity to analyse, interpret and present data in a clear and concise manner. You have strong teamwork and creative problem-solving skills. You are curious and passionate about science. You have a helpful, can-do attitude, you are a great teammate, flexible and open-minded, conscientious, self-directed and analytical