



## Protein Scientist

### The Role

The company is seeking a Protein Scientist to join the team, with the role of:

- Leading the development of protein extraction processes and characterisation of sustainable feedstocks for Xampla's novel protein-based materials.
- Applying protein chemistry knowledge to improve the performance of Xampla's protein-based materials to meet performance requirements.
- Working with our Research Team to deliver a collaborative project with a lead customer and local agriculture institute to demonstrate our material as a biodegradable seed coating.
- Conducting lab-scale and pilot-scale experiments for the development of optimised protein extraction and purification process.
- Leading the development of protein analytical techniques.
- Supporting the techno-economic assessment of novel extraction processes and different protein feedstocks, including related techniques to improve the efficiency waste footprint.

### Candidate Experience

The company is seeking candidates with:

- An MSc in a protein biochemistry related discipline (or equivalent in skills and experience).
- Hands on experience with a range of protein extraction and purification techniques, as well as protein analytical techniques including gel electrophoresis, protein quantification, particle size analysis, DSC and FTIR.
- Demonstrated experience on plant-protein extraction and purification processes.
- In-depth knowledge of plant-protein structure and functional properties (solubility, aggregation, texture, emulsifying properties).
- Demonstrated ability to translate fundamental technical knowledge about plant-proteins into applications know-how.
- Experience with protein materials, or other biomaterials.

### Package

- £35,000-£40,000 p.a.
- Share options in a fast-growing Cambridge start-up
- Generous holiday package
- Training and development package