

Opening for Microalgae/Cyanobacteria Biotechnologist

About CyanoCapture and role:

[CyanoCapture Ltd.](#) is Oxford based biotech start-up aiming to develop a sustainable and cost-effective solution for point source CO₂ capture by leveraging the potential of cyanobacteria. We are looking for a molecular biologist primarily responsible for designing and undertaking genetic engineering of cyanobacteria and microalgae for enhancing CO₂ capture. This is a hands-on role involving wet lab and *in silico* work, and will be largely focussed around manipulating primary metabolism genes in cyanobacteria. The incumbent will work as part of the biology team but will also closely work with engineers to complement the innovations in biology with process scale-up.

Essential qualifications:

1. A PhD or MS in Phycology/Microbiology/Synthetic Biology or similar areas and/or considerable experience working in the area of molecular microbiology or phycology.
2. Published peer review work in above mentioned scientific areas.
3. Ability to think innovatively and develop novel strategies to alter desired traits in algae via targeted genetic manipulations.
4. Ensure transformation and phenotyping of strains are conducted in a timely and organised manner, and meticulous records of clones and strains are maintained.
5. Responsible for day-to-day co-ordination of your lab activities with other lab members such as planning, execution and analysis of experiments.
6. Ability to communicate and work with others team members like engineers, management etc. in developing innovative and cost-effective methods in upstream and downstream processes.

Desired skills:

1. Experience working with CRISPR is desirable but not essential.
2. Experience of working in industry and/or with industry-led projects.
3. Cultivation of microalgae at lab and pilot scales.
4. Experience guiding interns or other graduate students.

Interested applicants please apply by sending CV and cover letter to david.kim@cyanocapture.com or uma.sagaram@cyanocapture.com explaining your interest and suitability to the position. Please note that the company won't be able to sponsor a visa for this role and the applicant must have an authorization to work in the UK.