

R&D Technician

MiAlgae applies leading advances in science and technology to improve food security and reduce the impact of humanity on the planet.

Company Profile

Founded in 2016, MiAlgae leverages cutting-edge science and technology to tackle global food security and environmental challenges. Our breakthrough innovation lies in eliminating the need for wild-caught fish as a source of Omega 3, by harnessing microalgae, a sustainable and potent alternative.

Our production process recycles by-products from the food and drink industry to grow Omega 3 rich microalgae, returning clean water in the process and supporting a truly circular economy.

We are proud to be a diverse, family-friendly and inclusive employer, committed to equity and belonging in everything we do. We welcome applications from all backgrounds and are open to discussing flexible working arrangements that suit both you and the role.

The Opportunity

This is a full-time R&D Technician role based in Edinburgh, working within MiAlgae's Research & Development team and reporting to a Principal Scientist.

The successful candidate will work to identify promising microbial strains and support their development towards commercial-scale production. You will be responsible for performing strain screening and development workflows for a wide variety of microorganisms: preparing media, microbiological plating, optimising growth conditions and analysing fermentations for high-value molecules using analytical techniques including gas chromatography. You will be responsible for data management and documentation, and communication of scientific findings to both technical and non-technical audiences.

You will support the wider team with reagent preparation and equipment calibration and general laboratory maintenance – giving exposure to a wide variety of microbiological, fermentation, and engineering biology techniques. You will additionally contribute to safe lab operations by completing COSHH and risk assessments and participating in the development of standard operating procedures.

Training will be provided as needed – this an ideal role for a new graduate looking for industrial experience and the chance to make an impact in a growing organisation.

About You - Experience & Qualities

We don't expect candidates to meet every requirement listed — if you're excited about this role and have most of the experience we're looking for, we'd love to hear from you.

Essential Experience

- Undergraduate, MSC, or equivalent industrial experience in biology, biochemistry, biotechnology, or a related discipline
- We're open to other backgrounds, provided you are good with your hands, organised, interested in our mission, and eager to learn!
- Excellent communication and collaboration skills, with experience working effectively within teams
- Ability to maintain detailed scientific documentation
- Ability to communicate technical information clearly to a broad audience

Desirable

- Experience with microbiology, aseptic handling, molecular biology, or strain development
- Experience working with multiple microbial hosts, including two or more of yeast, bacteria and microalgae
- Experience independently performing research projects from start to finish – design, execution, analysis, and communication
- Excellent problem-solving skills, with the ability to offer solutions
- Strong organisational and time management skills
- Interest in making a positive environmental impact

Details

Location: Edinburgh, UK

Employment type: Full-time

What We Offer

- **Competitive Compensation:** A market-aligned salary (as noted). We reward high performance and business impact.
- **Holidays:** 32 days holiday per year (including bank holidays) to recharge and refresh, plus flexible working arrangements to support work-life balance. Additional annual leave per complete year of service – up to 5 additional days. Our holiday purchase scheme offers even more flexibility, allowing you to buy extra days when you need them.
- **Pension & Benefits:** 5% company pension contribution. We also offer a Cycle to Work and Electric Car salary sacrifice schemes. Free on-site parking is available for all employees.
- **Wellness Perks:** 50% company contribution to gym membership to support your health and wellbeing - terms apply. You'll also enjoy regular social events and team activities - because at MiAlgae, it's all about the folk and celebrating our successes together.
- **Growth & Development:** Join a high-growth, purpose-driven business where you can shape your own career path. We offer professional development support and opportunities to collaborate cross-functionally, helping you deliver results and make an impact.
- **Mission & Impact:** Be part of a pioneering biotech company delivering innovation with purpose - reducing reliance on wild-caught fish, supporting the circular economy, and driving a more sustainable pet food industry. Your work will directly contribute to creating a healthier planet.

Ready to Apply? If you're excited by the opportunity to help shape a more sustainable future, we'd love to hear from you.

Please send your CV and a cover letter explaining your interest to careers@mialgae.com.

Grangemouth Job Prioritisation Scheme (GJPS). If you wish to be considered under the Grangemouth Job Prioritisation Scheme, please indicate this when applying.

How to apply

Please provide your CV, cover letter explaining your interest to:
careers@mialgae.com