

Laboratory Technician



SuSeWi Ltd

Location:	London
Salary:	£19,000 to £24,000 depending on qualifications and experience
Hours:	Full Time
Contract Type:	Permanent
Job Reference:	AG3

About Us:

SuSeWi is a research and development company who has developed and tested a patented methodology to grow wildtype microalgae at scale, in controlled, land-based open raceway ponds, using free inputs such as Sun-Sea-Wind (hence Su-Se-Wi). Our London laboratory promotes interdisciplinary research between biology, chemistry, and engineering; with the aim to better understand the effects of environmental factors on algal physiology, productivity and stoichiometry. The research is relayed back to our production facility in Morocco to improve pond operations and enhance product yields.

About the Role:

We're recruiting a Lab technician to help work on our existing research projects, initially focusing on AGRI-SATT (Agricultural Growth using Remote-sensing, IoT, Satellite and Autonomous Telecommand Technology) is funded by Innovate UK from the ISCF Future food production systems grant. The aim is to combine newly available, high-resolution spatial and temporal satellite data with key environmental and algal productivity data to create an effective, scalable, CO₂ sequestration, protein and food production method on desert land. The project is led by SuSeWi and includes the collaboration of academic partners (SAMS and Southampton University) and several subcontractors (Environmental Systems, BSC Global and Feed Algae Maroc). The job will involve working closely with our laboratory team of scientists to assist in experimental setup and data collection.

Responsibilities:

- Maintenance and curation of our microalgae collection
- Preparation of growth media (f/2, YBCII, BG11 etc) and nutrient stocks
- Setting up experimental equipment
- Equipment calibrations and cleaning
- Troubleshooting and organising technical support for equipment repair
- Assisting with data collection (when needed)
- Managing inventory of lab consumables, chemicals, equipment etc
- Processing purchase orders and logging invoices in

Education, Training & Qualifications:

• BSc in Marine Biology, Microbiology, Plant Biology (or related subject)	Essential
• Experience and knowledge of growing algae and/or cyanobacteria	Essential
• Experience and knowledge of sterile microalgal cultivation techniques	Essential
• Basic IT (MS Office) and/or analytical chemistry skills (Benchtop sampling)	Essential
• Experience and knowledge of light microscopy	Essential
• Experience and knowledge of different cultivation methods (Batch, Chemostat, Turbidostat)	Desirable
• Experience and knowledge of seawater chemistry (carbonate and trace metal system)	Desirable

Specific Skills & Abilities:

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| • Good organisational skills | Essential |
| • Ability to prioritise and multitask | Essential |
| • Work well within a team environment | Essential |
| • Ability to effectively communicate findings | Essential |
| • Willingness to occasionally visit Moroccan production site (Assist in setup and training) | Essential |

The position is available at the earliest convenience. We offer standard pension contribution, holiday entitlement, and other optional benefits such as private healthcare. Please apply by submitting your CV and a Cover Letter to Raffael Jovine (raffael@susewi.life) and Toby Boatman (toby@susewi.life).
