PDRA in Metabolomics and Biochemistry

Location: SAMS site, Dunbeg, near Oban

- Hours of work:37 per week

Salary range: Grade 5 £32,546- £34,132pa

Contract type: Fixed Term : 2.5 years

Company

The Scottish Association for Marine Science is an equal opportunity employer; we welcome applications from people with disabilities. We value the diversity of the people we hire and serve.

Diversity at SAMS means fostering a workplace in which individual differences are recognised, appreciated and respected, as well as responded to in ways that fully develop and utilise each person's talents and strengths.

Job Description

- Your main responsibilities will be:

• *Responsibility Areas*	• *Approx. %* • *of time*
• Development of media and methods for the cultivation of	• 35

thraustochytrids on marine biomass waste streams for the biotechnological exploitation of their metabolites.	
• Co-ordinate development and delivery metabolomic and biochemical methods and analyses to identify exploitable lipids and metabolites.	• 35
• Use of bioinformatic analyses to design cultivation media	• 10
• Prepare and write peer-reviewed publications to support project and contribute to future project proposals to su	• 15
• Lead report preparation and project meeting organisation.	• 5
• Contribute to wider SAMS activities in education (undergraduate and postgraduate teaching/mentoring), innovation and enterprise.	• Ongoing
• Be proactive in the application of SAMS Health and Safety Procedures.	• Ongoing

•

Knowledge, Skills and Experience we are looking for

- PhD in Metabolomics, Lipidomics, Biochemistry, Algal Biotechnology, Fermentation or related disciplines.

- Demonstratable expertise in cultivation of phototrophic or heterotrophic microorganisms

- Demonstratable expertise with sample preparation, instrument use and analysis of metabolomic data

- Good quantitative and statistical data analysis skills.

- Proficiency with genomic data and use of relevant software for bioinformatic analysis

- Relevant publication record relative to career stage.
- Desirable experience working with marine eukaryotic microorganisms, understanding of biorefineries and circular biotechnology.

How to Apply

Applications may be submitted by e-mail, handed in to our reception team or by postal mail no later than 12th October 2026.

Interviews will be held shortly after.

(Job Ref No: D17/26.DG)

(Scottish Association for Marine Science)

(SAMS, Dunbeg, Oban, Argyll, PA37 1QA)

(01631 559000)

(recruitment@sams.ac.uk)

(Vacancies — Scottish Association for Marine Science, Oban UK)

Attention: (SAMS HR team)