

# Introductory Course in Algaculture for Biotechnology

Tuesday 30<sup>th</sup> – Wednesday 31<sup>st</sup> October 2018

SAMS, Oban, PA37 1QA, Scotland

Debatably the most diverse group of organisms on earth and responsible for the oxygen in every second breath you take; algae are still relatively untapped in terms of biotechnology. If you are currently working in algaculture, biotechnology or biofuels, or you require an understanding of the incredible potential of algae and phytoplankton, this two-day course provides a solid introduction.

The course is delivered by leading algal scientists in the Scottish Association for Marine Science (SAMS) associated with the Culture Collection of Algae and Protozoa.

## Who is it for?

The course has been designed particularly for early career researchers, PhD students and it is also perfectly suited to laboratory technicians and experienced researchers moving into algal biotechnology.

## What will I learn?

- Algal biodiversity, nutrition and photosynthesis. This will cover both micro and macro-algae.
- The afternoon of Day 1 will be spent in the laboratory; with practical algaculture sessions on isolating and maintaining algae and media preparation.
- An introduction into algaculture for biotechnology and what the future may hold.
- Phycology and genomics, followed by a session specifically looking at macroalgal cultivation.
- The afternoon of Day 2 will be spent in the laboratory with demonstrations of algal enumeration and quantification, and mass algaculture.

## Fee:

The course is free to PHYCONET members based in the UK. This includes lunch on both days and a course dinner on Tuesday 30<sup>th</sup> October. For more information on PHYCONET and to join for free see here:

<http://www.phyconet.org.uk/>

Overseas applicants – please contact us for details of fees.

Places will be awarded to the first 12 eligible applicants.

Course participants will be provided with bed and breakfast accommodation for the nights of 29<sup>th</sup> and 30<sup>th</sup> October. PHYCONET members can apply directly to PHYCONET for funds towards travel costs, but note that the deadline is **1<sup>st</sup> August**: <http://www.phyconet.org.uk/funding>

## Booking Information & Travel Details:

Please complete the attached application form and return to [ccap@sams.ac.uk](mailto:ccap@sams.ac.uk)

Location and travel information can be found here: [https://www.ccap.ac.uk/location\\_map.htm](https://www.ccap.ac.uk/location_map.htm)

For further questions please contact [ccap@sams.ac.uk](mailto:ccap@sams.ac.uk)

## Application Form:

### Introductory Course in Algaculture for Biotechnology

Tuesday 30<sup>th</sup> – Wednesday 31<sup>st</sup> October 2018  
SAMS, Oban, Scotland

Name:	
Email:	
Address: <i>The course is free to PHYCONET members based in the UK. Overseas applicants please contact us for details of fees.</i>	
Organisation:	
Position in Organisation:	
Current Research Area/Interest:	
I am a member of PHYCONET:	Yes / No

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