

Symposium 16

Algal culture collections in the -omics age

Conveners

Christine Campbell, Lorenz Maike

Key-note speakers

Willie Wilson, Marine Biological Association, Plymouth, UK

Muriel Gugger, Pasteur Culture Collection, Paris, France

Symposium description

Research in phylogeny and biodiversity is traditionally linked to type and reference material with related data such as that held in the algal culture collections. Molecular data underpinning this research is exponentially growing with the recent developments of the -omics age. The increasing accessibility of these methods influences almost all phycological disciplines, including research on ecosystems and biogeography as well as for algal biotechnology and microbiome studies. Data, however, often fails to relate to the actual sustainable biological material. Algal culture collections not only provide such references and metadata but add their specific expertise to this and other developing fields such as analytics and preservation methods, biotechnology and Access and Benefit Sharing. We invite contributions related to these and other culture-collection related topics. Abstracts for posters presenting algal culture collections will also be welcome.

