

Symposium 5

Life cycles and life strategies of micro- and macroalgae

Conveners

Wim Vyverman, Susana Coelho

Key-note speakers

Mark Cock, Station Biologique de Roscoff; CNRS-Sorbonne Université, France

Miguel Frada, The Hebrew University Eilat, Israel

Symposium description

Growth, survival and reproduction strategies determine the life history of all organisms. Micro- and macroalgae present an enormous, but as yet incompletely understood, diversity in types of life cycle and reproductive systems, and in the ways they have optimized life history characteristics to adapt to their environment and the organisms they interact with. In this symposium, we invite contributions covering all aspects of life cycle regulation and life history strategies in algae. These include new insights into the mechanisms underlying life cycle control and how they are affected by the interaction with the environment and other organisms, the role of life history traits in adaptation to novel or changing environments and phylogenetic analyses of life strategy evolution.

