

# Symposium 11

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## Biotechnological applications of algae: algae as a source of food, drugs, energy

### Conveners

Dagmar Stengel, Freddy Guiheneuf

### Key-note speakers

Freddy Guiheneuf, Observatoire Océanologique de Villefranche sur Mer, France

Michael Lakatos, University of Applied Science Kaiserslautern , Germany

### Symposium description

Recent progress in algal biotechnology has gained significant international attention from across a number of commercial sectors, but is also thought to offer potential solutions to a range of global and societal challenges. Contributions to this symposium will discuss and review the recent advances and current trends in micro- and macroalgal biotechnology; oral and poster presentations are invited on topics in applied phycology ranging from algae as sources of bioactive for high-value applications (food/feed ingredients, pharmaceuticals, biostimulants, cosmeceuticals, biomedical devices) to integrated environmental technologies. Other key topics of interest are: algae as cell factories, algal cell engineering, and recent advances in synthetic biology.

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