

# Special Issue

## Growth and Division in Algae

### Message from the Guest Editor

Algae represent a phylogenetically diverse group thriving in different habitats ranging from fresh and marine waters to environments with extreme salinity, temperature or pH. Additionally, body shapes and sizes are quite diverse as the group encompasses both microscopic (microalgae) and macroscopic algae. Algae have been quite important as primary producers in the ecosystem and are widely studied in ecology. In recent years, there has been an increased interest in growing algae in the rapidly evolving field of algal biotechnology. Furthermore, thanks to their evolutionary position and simplicity, algae remain important models in various research fields from the study of photosynthesis to cell cycle regulation. In all these fields, algal growth and division are prerequisites for any study. This Special Issue "Growth and division in algae" aims to cover various topics related to algal growth and division. We would like to explore the diversity of algae and their various research applications to overview their contribution to the advancement of biological sciences.

- algae
- growth
- division
- ecology
- biotechnology
- photosynthesis
- cell cycle

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### Guest Editor

Dr. Kateřina Bišová

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### Deadline for manuscript submissions

closed (15 July 2022)



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## About the Journal

### Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Copenhagen, Denmark

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#### Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

