



Metabolites from Phototrophic Prokaryotes and Algae Volume 2

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Deadline for manuscript
submissions:

closed (30 June 2019)

Message from the Guest Editors

Dear Colleagues,

From both an ecological and biotechnological perspective, we need improved understanding on acclimation and adaptation strategies to both abiotic (e.g., nutrients, light, temperature and salinity) and biotic factors (e.g., microbial consortia interactions, predator-prey interactions and bacterial/viral infection). In particular, we need improved understanding on shifts in allocation between primary and secondary metabolism and metabolites and on carbon and nitrogen allocation.

For this Special Issue we welcome research papers and reviews based around metabolomics to improve knowledge on the metabolome and metabolism in algae with a focus on carbon and nitrogen resource allocation. We welcome papers from an ecological or from a biotechnological and/or waste water remediation perspective through from single cell analysis to complex microbial consortia systems. Analytical approach focused papers, including extraction, technical measurements and bioinformatics, are also welcome.

Dr. Carole Llewellyn

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Guest Editors





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Editor-in-Chief

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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