



Advances in Microalgae Toxins: Production, Detection, and Application

Guest Editor:

**Dr. Juan Jose Gallardo
Rodriguez**

Department of Chemical
Engineering, Universidad de
Almería, 04120 Almería, Spain

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Message from the Guest Editor

Dear colleagues,

Dinoflagellate microalgae are an important source of marine metabolites. These toxins and bioactives are of increasing interest because of their influence on the safety of seafood and their potential medical and biotechnological applications. Nowadays, bioactive supply is still the main bottleneck due to the difficulty of growing dinoflagellates in photobioreactors. Only sparing quantities of dinoflagellate bioactives are available for researchers, hindering their characterization and evaluation for possible applications. Despite this, in recent years advances have been made in every aspect related to the biotechnological exploitation of this resource.

This Special Issue aims to provide insight into the potential of dinoflagellate's bioactives to develop bioprocess with these microalgae and the obstacles that remain. Accordingly, it will foster contributions focused on dinoflagellates that address biodiscovery, metabolite characterization, cell culture, and bioprocess optimization (upstream and downstream). This Special Issue is intended to be of interest for those involved in the field from different perspectives.





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Prof. Dr. Jay Fox

Department of Microbiology,
University of Virginia,
Charlottesville, VA, USA

Message from the Editor-in-Chief

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Toxins Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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