

Special Issue

Bioactivity and Toxicity in Marine Cyanobacteria

Message from the Guest Editors

Marine cyanobacteria produce a wide array of secondary metabolites with biological activity, including toxins. In comparison with freshwater cyanobacteria, not much is known about the diversity of toxins in marine species, although the range of environmental conditions in marine systems contribute to the production of a high diversity of compounds. The isolation of new cyanobacteria marine strains will surely continue to reveal novel bioactive compounds. Moreover, culture-independent approaches to uncovering new chemical diversity are increasingly being adopted for cyanobacteria. Alongside the flow of new molecules with strong bioactivities lies the challenge for the coming years of translating this potential into pharmaceuticals, nutraceuticals, cosmeceuticals, or antifouling products. Prof. Dr. Vítor Vasconcelos

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