



Functional Biomaterials from Marine Diatoms

Guest Editors:

**Dr. Uluvangada Thammaiah
Uthappa**

School of Chemical Engineering,
Yeungnam University, 280
Daehak-Ro, Gyeongsan 38541,
Korea

Dr. Ilaria Rea

Institute of Applied Sciences and
Intelligent Systems (ISASI),
National Research Council, 80131
Napoli, Italy

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Message from the Guest Editors

Dear Colleagues,

Biomaterials have shown tremendous growth and development in a variety of scientific and technological domains, including drug delivery and tissue engineering fields. Among various reported biomaterials, diatoms are an extremely diverse group of algae and display a diversity of patterns and structures at the nano- to millimetre scale.

In view of all these facts, exploration of “Functional Biomaterials from Marine Diatoms” with unique properties exhibits unprecedented advantages over existing biomaterials. This Special issue is proposed to provide selected contributions on surface functionalizations, characterizations, and applications of diatoms with regard to drug delivery and tissue engineering applications. research groups from all over the world are invited to submit reviews, research articles and short communications.





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Editor-in-Chief

Prof. Dr. Bill J. Baker

Department of Chemistry,
University of South Florida, 4202
E. Fowler Ave., CHE 205, Tampa,
FL 33620-5250, USA

Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

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Marine Drugs Editorial Office
MDPI, St. Alban-Anlage 66
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