



Marine Polymeric Materials and Biomimetics

Guest Editor:

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Deadline for manuscript submissions:

closed (31 March 2020)

Message from the Guest Editor

This Special Issue will focus on the use of metabolites, biomolecules and enzymes from organisms living in aquatic environments and/or on marine-inspired principles to develop materials (i.e. by mimicking the functionality and structure of marine organisms), which can potentially solve current societal and environmental problems such as pollution, disposal of hazardous materials, and more. It will focus on the biodiversity of the marine environment and on the key properties of residues and by-products as high added-value materials for achieving biomedical, pharmaceutical, cosmetic, food and nutrition and biotechnological applications.

The topics are not limited to these studies, and can cover all research areas concerning marine polymeric materials and marine inspiration/biomimetics. I would like to bring together a collection of wide-reaching reviews from leading experts and cutting edge research from prominent groups in the community in order to provide a general overview of this interesting research topic. This Special Issue will publish full research papers, letters, communications, and review manuscripts.





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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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