



Polymer Biointerfaces

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Message from the Guest Editors

Polymer biointerfaces are considered a suitable alternative to the improvement and development of numerous applications. The optimization of polymer surface properties can control several biological processes, such as cell adhesion, proliferation, viability, and enhanced extracellular matrix secretion functions at biointerfaces.

This Special Issue on Polymer Biointerfaces is focused on fundamental and applied research on polymers and systems with biological origin. Submissions should contain both polymer material background and descriptions of interacting biological phenomena or relevance to prospective applications in biomedical, biochemical, biophysical, biotechnological, food, pharmaceutical, or cosmetic fields.

Special attention will be given to polymer bio-surface modification, bio-coatings, cell-polymer surface interactions, self-assembling monolayers on polymers, in-vivo and in-vitro systems, protein-polymer surface interaction, polysaccharide-polymer interactions, biotribology, bio chip, biosensors, nano-bio interfaces, coatings, biofilms, adhesion phenomena, and molecular recognition, among others.





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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 5.0.

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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