

Special Issue

Polymer Biointerfaces

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.

Guest Editors

Dr. Marián Lehocký

Centre of Polymer Systems, University Institute, Tomas Bata University in Zlín, Trida Tomase Bati 5678, 760 01 Zlín, Czech Republic

Prof. Dr. Petr Humpolíček

1. Faculty of Technology, Tomas Bata University in Zlín, Zlín, Czech Republic

2. Centre of Polymer Systems, Tomas Bata University in Zlín, Zlín, Czech Republic

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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