Special Issue

Responsive Biomaterials for Applications in Disease Diagnosis and Drug Delivery

Message from the Guest Editor

Responsive biomaterials are commonly regarded as biomaterials whose properties may change with exposure to external stimuli, such as heat, light, biomarkers and pH. Such a feature makes them suitable for disease diagnosis and drug delivery. Disease sites usually have unique features compared with normal tissues, including the overexpression of specific biomarkers, or abnormal pH or oxygen levels. Well-designed responsive biomaterials may respond to these dysfunctions and further lead to the release of drugs or generation of signals, making both the diagnosis and therapy more precise. In the past decades, researchers have developed a variety of responsive biomaterials for precise diagnosis and medicine, which show great promise. The purpose of this Special Issue is to collect these studies and present them to a wider academic community to further promote the development of responsive biomaterials.

Guest Editor

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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
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