Special Issue

Intelligent Self-Assembled Polymer for Targeted Cancer Treatment

Message from the Guest Editor

This Special Issue on Intelligent Self-Assembled Polymers for Targeted Cancer Treatment is specifically devoted to the solicitation of high-quality original articles, short communications, and comprehensive reviews on recent and front-line developments in this interdisciplinary and multidisciplinary field. A large number of smart polymers and biopolymers, which are characterized with important biodegradability features, have been recently developed for biomedical applications. Polymeric materials have recently attracted significant interest from researchers for targeted delivery and biomedical applications, possibly due to their many advantages over other traditional materials, including their inexpensive and easy synthesis, suitability for work in aqueous solutions, and possibility to facilitate large responses to weak stimuli. Chemotherapy still has huge downsides such as low specificity for tumor cells, high toxicity at local areas, and a lack of aqueous solubility. New areas, such as polymer-based nanomedicine and smart self-assembled materials, are promising for improving targeted delivery with fewer disadvantages than traditional drug delivery.

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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