

Special Issue

Applications of Polymer Nanomaterials in Biomedicine

Message from the Guest Editor

Polymer nanoparticles play a vital role in tumor theranostics because of their following characteristics: improved targeting, reduced side effects and excellent biocompatibility. To realize the diagnosis and treatment of tumors, polymer nanoparticles can load diagnostic reagents and drugs via chemical conjugation and physical encapsulation. In addition, these nanoparticles can be synthesized from polymers that possess theranostic capabilities on their own. This Special Issue aims to cover the recent progress and insights into polymer nanoparticles for tumor imaging and treatment. Original research articles and reviews are welcome. The research areas may include (but are not limited to) the following: 1) novel polymer nanoparticles for drug delivery; 2) synthesis of functional polymers for tumor imaging and therapy; and 3) polymer drug delivery systems for combination therapy. I look forward to receiving your contributions.

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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