Special Issue

Multifunctional Nanoparticles for Biomedical Applications

Message from the Guest Editor

Great efforts have been made in order to develop new functional nanomaterials useful for bio-applications, such as diagnosis, therapy, drug delivery, tissue engineering, antimicrobial devices, etc. To reach this goal, nanoparticle surfaces can be opportunely tuned in order to improve their bio-compatibility and their performances in specific conditions and/or targets. The use of biocompatible, biodegradable natural or synthetic polymers together with the functionalization with specific ligands and/or biomolecules is an elegant manner to improve the targeted activity of nanoparticles. The aim of this Special Issue is to publish high quality research papers focusing on the design and application of opportune and novel functional nanosystems for biomedical applications. A particular focus should be addressed, but not limited, to nanoparticles design, coating, and surface functionalization to improve their specific application in biomedicine.

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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