

## Special Issue

# Bio-Mimicked and Bio-Inspired Synthetic Polymers

### Message from the Guest Editors

Nature is replete with examples of processes that have been perfected through evolution to effectively use matter and to sustain life. Bio-mimicked and bio-inspired synthetic polymers, used in biology and medicine, will open new avenues in various areas, such as health, defence and nano(bio)technology. These polymers can “transcend Nature” by initiating improvements in biostability and bioavailability compared to their natural counterparts. Furthermore, useful parameters can be precisely and independently controlled for interrogating structure–activity relationships. In fact, many natural biological materials have been used as inspiration to develop innovative synthetic analogues for various areas. In this Special Issue, we focus on bio-mimicked and bio-inspired synthetic polymers, which are useful in many various areas.

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### Guest Editors

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### Deadline for manuscript submissions

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## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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