# Special Issue

# Feature Papers in Smart and Functional Polymers

### Message from the Guest Editors

This Topic Collection focuses on recent advances in smart and functional polymers. Smart polymers are synthetic polymers designed to mimic biopolymers with biological intelligence. This class of polymers can exhibit special functions in response to external conditions, which are similar to the biological intelligence observed in nature. Smart polymers have many important applications. Functional polymers are macromolecules with unique features and applications. Depending on their functional groups, macromolecular architectures and supramolecular structures, functional polymers find a variety of applications such as separation, electronic conductance, photo- and electro-luminescence, energy storage and conversion, tissue engineering, and control release. Smart and functional polymers are a fast-growing field in polymer science. In recent years, there have been many new and fascinating results in research in this field, and it is believed that this topic of research will become increasingly attractive. This Special Issue aims to reflect the advances in this field.

### Guest Editors

Prof. Dr. Sixun Zheng
Prof. Dr. Xianhu Liu
Prof. Dr. Guang Yang

### Deadline for manuscript submissions

closed (10 March 2024)

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*Polymers*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/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 4.9.

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
Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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