

## Special Issue

# Development and Characterization of Next-Generation Biomaterials from Basic to Bench Research

### Message from the Guest Editors

Biomaterials are used for medical devices, cell culture (including stem cells and primary tissue cells), and drug production. For this Special Issue, we welcome the submission of manuscripts related to biomaterial investigation at all stages, from basic research to bench research. Biomaterials of special interest include biomaterials for biosensor and diagnosis, biomaterials used in vaccine production (especially biomaterials used for SARS-CoV-2 vaccines), scaffolds for tissue engineering, cell culture biomaterials for stem cell or tissue cell culture and differentiation, and biomaterials for virus removal filters and blood purification in the current and next generations. However, we welcome any manuscripts related to biomaterials that will be used as “next-generation biomaterials”.

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### Guest Editors

Prof. Dr. Akon Higuchi

Prof. Dr. Jen-Ming Yang

Dr. Yingying Du

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### Deadline for manuscript submissions

closed (10 November 2022)



## Polymers

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**Impact Factor 4.9**  
**CiteScore 9.7**  
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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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