

## Special Issue

# Antimicrobial Polymers and Polymeric Composites

### Message from the Guest Editors

Microbial infestation remains one of the biggest concerns in many fields, particularly in medical devices, drugs coating, health care and hygiene applications, water purification systems, surgery types of equipment, textile/clothing, food packaging, and storage.

Antimicrobial polymers are materials capable of killing or inhibiting microbial growth on their surface or vicinity. These materials gain interest in academic research and industry due to their potential to provide value and protection to many products. The use of antimicrobial polymers promises to enhance the efficacy of some existing antimicrobial agents and minimize the environmental problems accompanying conventional antimicrobial agents by reducing the residual toxicity of the agents, increasing their efficiency and selectivity, and prolonging the lifetime of the antimicrobial agents. The current special issue focuses on the research and review articles on the synthesis and application of antimicrobial polymers for biomedical, tissue engineering, food packaging, protective clothings, filtration media, and other related fields.

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### Guest Editors

Dr. Azeem Ullah

Prof. Dr. Ick-Soo Kim

Dr. Muzamil Khatri

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### Deadline for manuscript submissions

closed (25 March 2024)



## Polymers

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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

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