Special Issue

Antibacterial Active Polymeric Materials

Message from the Guest Editors

As bacteria colonize a surface, the development of biofilms may occur. The growth of bacteria and biofilms on medical equipment such as catheters or prosthetic limbs is one of the biggest problems with bacterial growth on surfaces and biofilm formation. Considering those issues, several antibacterial active polymer materials must be designed to stop bacterial growth and the formation of biofilms. Thus, this Special Issue will publish studies on antibacterial active polymers, their design, synthesis, processing, characterization, properties, and applications in several research areas, including but not limited to:

- Antimicrobial polymers for prosthetic materials;
- Antimicrobial polymers for medical devices;
- Dressings polymers;
- Release of antimicrobial agents from polymers;
- Antimicrobial polymers for tissue engineering;
- Antimicrobial polymers for food science;
- Antimicrobial polymers for the textile industry;
- Antimicrobial polymers for the electronic devices industry;
- Biomimetic 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.

Editor-in-Chief

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