

## Special Issue

# Medical Applications of Polymer Fibers

### Message from the Guest Editors

Medical polymer fiber production is a rapidly growing industry as applications are being introduced worldwide, mainly for medical implants and suture materials to relieve a number of problems ranging from organ dysfunctions to tissue defects. Polymer fibers used as implant materials must have reliable properties, such as a sufficient degree of biocompatibility, abrasion resistance, and biodegradability. These are some of the most valuable medical products because they come into direct contact with the human body and play an important role in the success and safety of medical operations and procedures. Thus, the production of polymer fibers has great potential for the global medical market. This Special Issue provides a comprehensive and valuable resource on recent scientific progress, highlighting the application and use of polymeric fibers in medical applications.

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### Guest Editors

Dr. Rita Rynkevic

Dr. Elisabete Silva

Prof. Dr. Antonio Augusto Fernandes

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### Deadline for manuscript submissions

closed (15 July 2024)



## 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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