

Special Issue

Polymers: Bio-Based Medical Textile

Message from the Guest Editors

Medical textiles, often known as med-tech, is a new sector that has emerged as a result of the convergence of textile technology and medical science. The research and discovery of new materials derived from renewable sources is one of the crucial points for the growth of this field. The transition of medical textiles from synthetic to bio-based materials gives the medical textile sector tremendous opportunities in a variety of applications. With the development of new fibers and manufacturing technologies for yarns and fabrics, new areas of application for medical textiles have been identified. Therefore, this Special Issue will provide an open forum to draw the attention of academic researchers and industrial experts towards investigating different developments of medical textiles for potential medical applications. Topics in this Special Issue will include articles related, but not limited, to (i) bio-based polymers for medical textiles; (ii) textiles in healthcare and hygiene; (iii) non implantable and implantable medical textiles; (iv) drug-releasing medical textiles; (v) medical textiles for highly advanced medical devices, and (vi) advanced textile manufacturing technology.

Guest Editors

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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 4.9.

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

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