

## Special Issue

# Advanced Polymers for Medical Applications, 2nd Edition

### Message from the Guest Editor

Tissue engineering, currently in the medical field, has as a great challenge to develop research investigating new methods of treatments available in the face of injuries where reconstruction does not occur independently, with the objective of forming a new tissue with morphofunctional characteristics identical to the original tissue. This research, aiming at translational medicine, occurs in an interdisciplinary way within the medical area in various pathologies. Therefore, this Special Issue seeks to confront scientific barriers with innovations in polymeric materials, from their production, development, and pre-clinical and clinical studies, of natural or synthetic origin, which bring positive and beneficial effects from the bench to the bed. This Special Issue is dedicated to reviews, meta-analyses, clinical, and preclinical studies of the different uses of polymers in medicine.

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### Guest Editor

Prof. Dr. Daniela Vieira Buchaim

Postgraduate Program in Structural and Functional Interactions in Rehabilitation, Postgraduate Department, University of Marília (UNIMAR), Marília 17525-902, Brazil

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### Deadline for manuscript submissions

31 August 2025



## 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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