

## Special Issue

# 3D Printing Polyesters, Hydrogels and Composites for Medical Applications II

### Message from the Guest Editors

Many issues have been encountered in replacing or regenerating organs from organ transplants due to potential risks of complications, limited donors, biological compatibility, and injuries due to body rejection. Today, numerous strategies to replace tissues and organs use synthetic and biological materials. Three-dimensional (3D) printing technology using commercial or homemade printing plotters has been applied to solve limitations in the traditional manner such materials are assembled. In this Special Issue, we will assemble original research and review papers from experts worldwide discussing recent progress, strategies, problems, and case studies using 3D printing and bioprinting technology for tissue engineering purposes. The issue will also include papers on the future of 3D printing (such as emerging work in 4D printing in which the 4th dimension is time to change the shape of 3D-printed scaffolds after implantation to ensure success), as well as promises and pitfalls of such research.

### Guest Editors

Prof. Dr. Anderson de Oliveira Lobo

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### Deadline for manuscript submissions

closed (25 October 2021)



## Polymers

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**Impact Factor 4.9**  
**CiteScore 9.7**  
**Indexed in PubMed**



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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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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