Special Issue

3D-Printed Polymers for Tissue Engineering or Bioelectronics

Message from the Guest Editors

This Special Issue focuses on the latest in 3D-printed polymers for tissue engineering and bioelectronics. Research on new polymer bioinks, breakthroughs in 3D printing for biomimicry and vascularization, and advancements in bioelectronic device integration is encouraged. Topics include novel polymer synthesis, biofabrication techniques, organ-on-a-chip models, organ regeneration, wearable biosensors, and bioadhesives for wound healing. Here are some examples of relevant topics:

- Development of novel polymers, biomaterials, and bioinks for tissue engineering and bioelectronics applications;
- Innovation in 3D bioprinting and other biofabrication technologies;
- Organ-on-a-chip, drug screening, and disease modeling;
- Tissue engineering, organoids, and organ regeneration;
- Wearable and implantable bioelectronic devices including biosensors, wearable devices, electroceuticals, and electronic skins;
- Bioadhesives and wound healing.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker
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