Special Issue

Biopolymers for Tissue Engineering

Message from the Guest Editors

Every year millions of people suffer tissues/organs loss due to trauma and diseases. The body has a low regenerative potential; hence, tissue engineering tries to regenerate the impaired tissue properly. On-demand replacing the tissue/organs is beneficial for millions of people who suffer the impaired tissue and wait for transplantation. Scientists and clinicians, motivated by the need to develop safe and reliable sources of tissues/organs, have been improving therapies/technologies that can regenerate tissues and, in some cases, create new tissues altogether. Tissue engineering and/or regenerative medicine are fields of life science employing both engineering and biological principles to create and promote the regeneration of damaged or diseased tissues/organs. Current tissue regenerative strategies rely mainly on tissue repair by transplantation of the advanced biomaterials. Scientists endeavor to recapitulate tissue behavior using various types of scaffolds. Advanced biomaterials designed for tissue engineering are mostly biopolymers with well-controlled surface and bulk properties because of their multifunctional tasks, biomimic, biocompatible and tunable properties.

Guest Editors

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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

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