Special Issue

Advance of Polymers Applied to Biomedical Applications: Cell Scaffolds

Message from the Guest Editors

Since the pioneering work by Langer and Vacanti, in vitro mimicry of the juxtacrine interactions has been achieved mainly through the use of polymers in regenerative medicine and cell therapy. Although the primary function of polymeric scaffolds was initially structural, providing the physical sites for cell adhesion and growth in a 3D form, scientific and technological developments have advanced to enable the manipulation of cell behavior and function, ultimately controlling cell fate, by the use of polymers, including supramolecular hydrogels. The purpose of this Special Issue is to highlight the recent achievements in the use of polymers as cell scaffolds on a broad scale, not only limited to the use of polymers as cell-culture scaffolds, but also including polymer-based approaches for controlling interfacial interactions of cells in vitro.

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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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