



Polymer Materials in Cell Therapy

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Message from the Guest Editors

Dear Colleagues,

The use of polymer materials has been a key technology for cell therapy and regenerative medicine. In addition, the application of the polymer materials enables one to tune cell attachment, cell proliferation, etc. The opportunity to use polymer materials to influence cell activity is based on the adhesion and selective spatial arrangement of diverse cell types on a specific polymer material with preferential chemical composition, surface charge, wettability, and morphology. The latest studies have reported the application of polymer materials to control cell properties for efficient cell therapy. Additionally, a multidisciplinary approach with the integration of different scientific fields is necessary to enable a more comprehensive understanding of the mechanisms of cell therapy, as well as the development of more robust techniques for regenerative medicine.

In this Special Issue, we will gather articles that explore the use of biocompatible polymer materials on cell therapy. Original articles reporting studies as well as review articles on the current state-of-the-art are welcome.

Dr. June-seok Heo

Guest Editor





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