



Polymer Materials for Drug Delivery and Tissue Engineering II

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Message from the Guest Editors

The use of polymer-based biomaterials has played a pivotal role in the tremendous advances reported in the biomedical field. On the one hand, polymer-based materials are widely used in tissue engineering for the design and fabrication of biomimetic scaffolds that resemble the complex architecture of the defective tissues. On the other hand, polymers have been used for drug and gene delivery system fabrication. Moreover, functional polymer-based biomaterials with dual functions, scaffolds, and delivery vehicles for therapeutic agents and biological cues are currently an attractive modern approach in regenerative medicine. Independent of the targeted application, smart polymers currently represent a popular choice in the biomedical field, as these stimuli-responsive materials can adapt to the biological environment, thus providing a real opportunity for designing personalized biomedical products.

This Special Issue titled “Polymer Materials for Drug Delivery and Tissue Engineering II” will focus on the recent development of polymeric materials intended for tissue engineering or drug-delivery applications.





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