



Advances in Polymer Processing and Printing for Biomedical Applications

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Message from the Guest Editors

In recent years, polymers and their blends and/or nanocomposites are widely explored for the fabrication of devices for biomedical applications. Both synthetic and natural polymers or their combination are widely explored in these emerging fields. Each kind of polymer presents its inherent processing-related advantages and disadvantages. Based on the final applications of the material, several processing strategies were recently developed and customized in order to face the challenging requirements of biomedical devices, including post-processing bulk or surface chemical/structural modification.

This Special Issue aims to highlight the recent progress in polymer processing and printing approaches for biomedical applications either providing new insights about the interaction between processing, structure and properties of polymer or investigating hybrid technologies leading to advanced performances towards tissue engineering, drug release and biosensing applications. The latest research dealing with special biomedical application fields and/or proposing novel characterization protocols will also be of great interest.





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Message from the Editor-in-Chief

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