

Special Issue

Biomedical Applications of Polylactide (PLA) and its Copolymers

Message from the Guest Editors

The special Issue "Biomedical Applications of Polylactide (PLA) and its Copolymers" will be focused on current experimental research on the use of PLA, blended or functionalized with other biopolymers, for potential biomedical applications such as in the production of cell or drug delivery systems, applicable in controlled and/or targeted drug release, and in the fabrication of bioresorbable scaffolds for tissue engineering in regenerative medicine. Currently, PLA is already approved by the Food and Drug Administration (FDA) as a component in a wide range of biomedical and pharmaceutical products. This favorable approval arises from its excellent properties, such as biocompatibility, biodegradability and tunable mechanical and physicochemical properties, whereby it can be appropriately processed and engineered to allow a desired biomedical application.

Guest Editors

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