



## Poly lactide-Based Materials: Synthesis and Biomedical Applications II

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submissions:

**closed (30 June 2024)**

### Message from the Guest Editor

Dear Colleagues,

The Special Issue “Poly lactide-Based Materials: Synthesis and Biomedical Applications II” will be focused on the synthesis of poly lactides and other polyesters with an emphasis on their self-assembly to nano- and microstructured materials. Research on complex structure formation via the self-assembly of block copolymers coupled with supramolecular interactions is welcome. Moreover, PLA and polyesters are biocompatible, and those macromolecules are approved by the Food and Drug Administration (FDA) for biomedical applications; therefore, it is frequently used for the construction of drug delivery systems or bioresorbable scaffolds for tissue engineering. It is desirable to show the preparation of nano- and microparticles from obtained macromolecules with methods such as microfluidics or spray-drying. Their anticancer, antimicrobial, or antiviral properties are the topic of interest. In summary, this Special Issue seeks original research and review articles concerning the synthesis and functionalization of polyester-based materials and their biomedical applications.

Dr. Marek Brzeziński

*Guest Editor*





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## Message from the Editor-in-Chief

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