



*polymers*



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## Polymer Applications in Regenerative Medicine

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (20 December 2021)**

### Message from the Guest Editor

Applications and detections of polymers play important roles in the development of clinical medicine, bioengineering, bio-fabrication, tissue engineering and regenerative medicine, which impact the novel biomaterials synthesis, cell gene expression, signal pathways transition, etc.

The major objective of this Special Issue is to recruit polymer-related research used in tissue engineering and regenerative medicine, including nanofibers, hydrogels, scaffolds, etc., produced by various methods such as 3D bioprinting, electrospinning, freeze drying, coating, etc.. Furthermore, recent progress of these biomaterials in skin tissue engineering, vessel tissue engineering, urethra tissue engineering, organoid, and wound healing applications will be considered. Novel detection techniques for natural and synthetic polymers from basic research and clinical application are needed.



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**Special** Issue



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## Message from the Editor-in-Chief

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