



## Stimulus-Responsive Materials for Biomedical Applications

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Deadline for manuscript  
submissions:

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### Message from the Guest Editors

Shape memory polymers and alloys have maintained a strong presence and utility in industrial and medical applications for decades. Their ability to maintain a programmable shape for long durations and stimulated recovery are desirable for a variety of applications, especially in medical device optimization and tissue engineering. This Special Issue on “Stimulus-Responsive Materials for Biomedical Applications” focuses on the synthesis and design challenges of developing shape memory material structures and their potential use in medical therapies and tissue engineering. Original research and comprehensive reviews pertaining to existing and newly developed shape memory polymers and alloys for medical applications are appreciated. Aspects of medical device design and development such as material synthesis and characterization, device design, device performance evaluation, biocompatibility, biodegradation, and patient output will be explored with the only requirement being that the study motivation involve stimulus-responsive materials.





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## Editor-in-Chief

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