



Intelligent Self-Assembled Polymer for Targeted Cancer Treatment

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Deadline for manuscript
submissions:

closed (20 October 2022)

Message from the Guest Editor

This Special Issue on Intelligent Self-Assembled Polymers for Targeted Cancer Treatment is specifically devoted to the solicitation of high-quality original articles, short communications, and comprehensive reviews on recent and front-line developments in this interdisciplinary and multidisciplinary field. A large number of smart polymers and biopolymers, which are characterized with important biodegradability features, have been recently developed for biomedical applications.

Polymeric materials have recently attracted significant interest from researchers for targeted delivery and biomedical applications, possibly due to their many advantages over other traditional materials, including their inexpensive and easy synthesis, suitability for work in aqueous solutions, and possibility to facilitate large responses to weak stimuli. Chemotherapy still has huge downsides such as low specificity for tumor cells, high toxicity at local areas, and a lack of aqueous solubility. New areas, such as polymer-based nanomedicine and smart self-assembled materials, are promising for improving targeted delivery with fewer disadvantages than traditional drug delivery.





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Message from the Editor-in-Chief

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