



Advances in Multi-Tasked Macromolecules

Guest Editor:

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Message from the Guest Editor

The emergence of new diseases worldwide, i.e., COVID-19, has forced scientists to move their focus towards multi-tasked macromolecules with bio, macro, nano, pico, and Clark setups. These modern setups may provide strong physico-chemical properties, nanoenergy banking, color-changing ability, and self-healing characteristics with sensory–actuator functions at different scales. Several novel setups may come to the picture, including hydrogelic pico-polymers, Clark-ed biopolymers, smart polymers, reversible covalent bonding systems, self-assemble and self-control macromolecular, composited pico-macro molecular, RNA-based macromolecules, transition metal–gene–polymer-coordinated complexes, neural cross-linked supramolecular which can transfer electrical pulses with the ability of reformation after rupture, artificially intelligent networks, and so on. Through original research articles and review articles, this Special Issue focuses on the above topics and other relevant topics.





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Message from the Editor-in-Chief

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