



Biopolymers for Potential Applications

Guest Editor:

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submissions:

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Message from the Guest Editor

In addition to specific viscoelastic and mechanical properties that these biopolymers have, many biopolymers also have a more fascinating set of electromagnetic, photonic, and optical properties; furthermore, due to the underlying presence of quantum phenomena (such as quantum tunneling), in addition to the abovementioned properties, some of these biopolymers can be useful in the creation of flexible devices where higher and potentially metal-like electrical conductivity is desired. This Special Issue of *Materials* (ISSN 1996-1944) on "Biopolymers for Potential Applications" aims to focus on the recent progress in the development and design of various biopolymers, including (but not limited to) biopolymers, conductive biopolymers, composite biopolymers, biomimetic materials, biopolymers for flexible devices, biopolymers for neuroprosthetics, biopolymers with optical properties, semiconducting biopolymers, biophotonics, and advanced biopolymers for spintronics applications. Original manuscripts that focus on the elastic properties and the nanodesign of these biopolymers for the abovementioned applications are particularly welcome.





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Message from the Editor-in-Chief

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