

Special Issue

Biopolymer-Based Nanosystem for Drug Delivery

Message from the Guest Editors

Nowadays, the priority is the development of new vaccines. Recently, nanoformulated vaccines have saved and are continuing to save the lives of hundreds millions of people during the COVID pandemic.

Researchers have to find new appropriate biopolymers that are biodegradable, biocompatible, non-immunogenic, improve the bioavailability of active cargos, and protect the active ingredient in the bloodstream. Depending on the formulation, the nature of the release of the active ingredient is a key factor. The main value is the precise targeting of the “cargo” to the cancer cells and the avoidance of healthy cells. This goal can be achieved by developing nanoformulation systems. The economic strength of this subdivision within the pharmaceutical industry is well known; however, R&D innovation in the biotech segment requires more time and effort compared to in other fields. This is why a professional risk analysis will be taken into consideration.

Scientists are encouraged to send relevant research for submission in this Special Issue.

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