



## Biopolymers in Drug Delivery and Regenerative Medicine

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### Message from the Guest Editors

Dear Colleagues,

Biopolymers are of paramount interest in regenerative medicine, due to their availability, processability, and low toxicity. Moreover, the structuration of biopolymer-based materials at the nano and microscale along with their chemical properties are crucial in the engineering of advanced carriers for drug products. Finally, combination products including biopolymers for controlled drug release offer a powerful solution to improve the biological response of these materials. Understanding the drug delivery mechanisms, efficiency and toxicity of such systems may be useful for regenerative medicine and pharmaceutical technology.

This Special Issue aims at gathering recent advances on biopolymer research for biomedical applications, particularly in regenerative medicine, wound healing and drug delivery. Contributions can cover all aspects of biopolymer research, ranging from the chemical synthesis and characterization of modified biopolymers, their processing in different morphologies and hierarchical structures, as well as their assessment for biomedical uses.





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## Message from the Editor-in-Chief

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