



Bioactive Supramolecular Assemblies

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Message from the Guest Editors

In recent years, polymers have enabled the development of novel and hybrid supramolecular assemblies. Some of their important applications in biomedical research include vaccine design, optimization of antimicrobial action against resistant microbes, and the protection of active principles against biodegradation. Polymeric-based constructions often rely on non-covalent, multipoint intermolecular interactions between polymers and a variety of biomolecules, surfactants, antigens, drugs, antibiotics, and so forth.

The interdisciplinary character of this research area requires contributions from physical and organic chemists, pharmacists, biologists, immunologists, microbiologists, engineers, and medical doctors. Thus, this ambitious Special Issue will combine different fields of knowledge to paint a cohesive picture of the multiple roles of polymers in a variety of biotechnological, biomedical, and pharmaceutical applications. Innovative approaches and broad and comprehensive reviews are especially welcome.





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