



Polymer-Liposome Complexes

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Message from the Guest Editor

From the 1960s to today, liposomes, first discovered by Bangham, have been paid close attention by scientists in various fields of science. Due to their unique structure, lipid vesicles can serve as nanocontainers for the delivery of both hydrophobic and hydrophilic biologically active molecules. To date, liposomal forms of antibiotics and antiviral and antifungal drugs are already on the market, and their number is growing.

On the other hand, liposomes are a simple and easy-to-study model of the cell membrane, the properties of which can be easily controlled by changing the lipid composition.

For this Special Issue, we would like to collect articles devoted to studies of the interaction of liposomes with synthetic and natural polymers, the study of the effect of adsorbed polymers on structural rearrangements in lipid bilayers, the visualization of interfacial complexes, modeling the interaction of polymer-lipid bilayers, the creation of complex nanocontainers for drug delivery, and many other aspects associated with polymer-liposome complexes.





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Message from the Editor-in-Chief

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