

Special Issue

Polymer-Liposome Complexes

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.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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