

Special Issue

Recent Advances in Drug Nanocarriers and Targeted Delivery Systems: From Liposomes to Block Copolymer Micelles

Message from the Guest Editor

In this Special Issue, we expect articles that discuss the rational design of liposomes, both ordinary and those with molecular recognition of specific cellular receptors. We are interested in receiving papers which explore the correlation between molecular additives and liposome structure (characterization with appropriate structural instrumental methods) and stability; the application of micellar block copolymers—the influence of block copolymer structure on micellization equilibrium (with the incorporated drug) and in vivo drug release; and work toward increasing the selectivity of block copolymer micelles (SDDS). We also welcome papers which discuss the application of computers (molecular dynamics, docking, etc.) in the design of new block copolymers and those that explore whether the micelles and binary micelles of classical surfactants be additionally stabilized by employing polymer molecules (additives) to have the same efficiency as micellar block copolymers. Manuscripts can be in the form of original papers or review articles.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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