

Special Issue

Advanced Liposomes for Drug Delivery

Message from the Guest Editors

Liposomes are phospholipid-based nanostructures discovered in the early 1960s; they have been extensively discussed as drug delivery systems since 1976. The approval of DOXILTM, a doxorubicin liposomal formulation, in 1995, encouraged researchers to reach better outcomes regarding the safety and therapeutic efficacy of liposomes. In the last several decades, liposomes with several lipid compositions and surface modifications, and with the most extensive list of different kinds of encapsulated molecules (e.g., drugs, peptides, antibodies, nucleic acids) have been reported for most types of applications. However, the versatility of liposomes and their key role in health care technology advances continue to encourage research groups to develop new liposomal formulations. This Special Issue aims to present the new advances in liposome research and the current evidence of liposome use as drug delivery systems in the treatment and diagnosis of cancer, inflammation, or infectious disease. We look forward to receiving your contributions.

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