

## Special Issue

# Advances in Liposomes for Drug Delivery

### Message from the Guest Editors

Liposomes are small spherical vesicular structures composed of one or more phospholipid bilayers. Liposomal drug delivery systems possess specific features, including nano size, biodegradability, hydrophobic/hydrophilic characteristics, biocompatibility, and low or no toxicity and immunogenicity, which can all lead to considerable efficacy in treating various types of diseases. The rationale for developing liposomal-based drug delivery systems is to improve the therapeutic efficacy of drugs by reducing drug toxicity, improving drug solubility and stability, enhancing drug delivery to specific targets, and/or increasing their permeation across biological barriers. This Special Issue welcomes studies that include (but are not limited to) all aspects of liposomal drug delivery systems including their design, development, and characterizations as well as their pharmacodynamic and pharmacokinetic properties and their use as strategies for the prevention or treatment of medical conditions such as cancer, infection, inflammation, oxidant-induced tissue injuries, dermatological diseases, etc. Original research articles and comprehensive reviews are especially welcome.

### Guest Editors

Prof. Dr. Sophia G. Antimisiaris

Dr. Athanasios Skouras

Dr. Antonia Marazioti

### Deadline for manuscript submissions

closed (31 January 2025)



## Pharmaceutics

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Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



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### Editor-in-Chief

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