



Advanced Liposomes for Drug Delivery

Guest Editors:

Dr. Juliana De Oliveira Silva

Department of Pharmaceutical Products, Faculty of Pharmacy, Universidade Federal de Minas Gerais, Av. Antônio Carlos, 6627, Belo Horizonte 31270-901, Brazil

Dr. Caroline Mari Ramos Oda

Department of Pharmaceutical Products, Faculty of Pharmacy, Federal University of Minas Gerais, UFMG, Belo Horizonte 31270-901, Brazil

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Message from the Guest Editors

Dear Colleagues,

Liposomes are phospholipid-based nanostructures discovered in the early 1960s; they have been extensively discussed as drug delivery systems since 1976. The approval of DOXIL™, 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.

Dr. Juliana De Oliveira Silva

Dr. Caroline Mari Ramos Oda

Guest Editors





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Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

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Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
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