

## Special Issue

# Application Progress of Liposomes in Drug Development

### Message from the Guest Editor

Liposomes are a field of intense research, with new developments in the field emerging each year. In the last few years, significant attention has been focused on this subject and noteworthy progress has been made, especially in using liposomes as site-specific drug-delivery systems. These lipid-based nanocarriers have the capacity to improve the retention and release of pharmacologically active compounds at the sites of action, minimizing the associated systemic side effects; they can also be used for the topical administration of drugs, improving penetration through the skin. Their characteristics of biocompatibility and physicochemical stability promote their potential for use as drug-delivery systems, increasing drug stability and bioavailability. Liposomes can also be used as cell models in drug development, for the study of the interaction and partition of drugs with biomembranes. Authors are kindly invited to submit original papers, communications, and reviews regarding the potential applications of different types of liposomes in Drug Development and Drug-Delivery Systems, to be published in this Issue of the International Journal of Molecular Sciences.

### Guest Editor

Dr. Carla Matos

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### Deadline for manuscript submissions

closed (12 May 2022)



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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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