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Modern Studies on Drug-Membrane Interactions

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Deadline for manuscript submissions:
closed (20 September 2022)

Message from the Guest Editors

Since the target of many drugs is inside the cell, the study of drug interactions with cell membranes is at the heart of understanding the mechanism of drug action in organisms. Such studies open up new perspectives for rational drug design, based not only on the interaction of a drug molecule with the active site of an enzyme, but also on the interaction with a biological membrane (membrane permeability for a drug, the effect of a drug molecule on the structure and dynamics of biological membranes).

This Special Issue, titled “Modern Studies on Drug–Membrane Interactions” and published by the journal *Membranes*, seeks contributions to assess state-of-the-art research as well as future developments in the field of drug–membrane interaction studies. Topics include, but are not limited to, the interactions of drugs and natural compounds with biomimetic membranes, including liposomes, monolayers, and micelles; in-cell studies of drug–membrane interaction; new techniques and methods in the study of drug–membrane interactions. Authors are invited to submit their latest results; both original papers and reviews are welcome.

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

Membranes is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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