

Special Issue

Biomembranes and Cell Signaling in Health and Disease

Message from the Guest Editors

Biological membranes are dynamic and complex structures of phospholipids and proteins, including lower amounts of neutral lipids and carbohydrates. Their role is not restricted to the preservation of the integrity of cells and cell organelles; they also have an active involvement in important biological functions through alterations of molecular composition and physicochemical properties in the entire membrane or in specific patches that facilitate the activation of signaling processes or the maintenance of homeostasis. The aim of this Special Issue is to present the state of the art in the contribution of biological membranes in cellular homeostasis, in the pathophysiology of serious disorders such as inflammation, cancer, and age-related diseases, and in diagnostic or therapeutic schemes and strategies.

Guest Editors

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About the Journal

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 access journal 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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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