

## Special Issue

# Transporters in Health and Disease

### Message from the Guest Editor

Transporter proteins play a crucial role in maintaining cellular physiology, metabolism, and signaling by facilitating the movement of water and various solutes, such as inorganic and organic ions, hormones, amino acids, sugars, and other substances, across biological membranes. Additionally, they can mediate the transport of environmental toxins, xenobiotics, and drugs across the plasma membrane. This is particularly important for hydrophilic drugs, which often rely on transporters to reach their target sites or be effectively cleared from the body. Alterations in the function or expression of these transporters can lead to cellular dysfunction and contribute to the development of diseases. Conversely, the presence of disease can also impact the expression and function of transporters. This Special Issue will compile the latest insights into the role of transporters in health and disease and their pharmacological and toxicological implications. We invite submissions of original research articles and reviews.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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