

Special Issue

Research on Molecular Chaperones: Role and Targeting in Health and Disease

Message from the Guest Editors

We are pleased to invite you to submit original articles to a Special Issue entitled “Research on molecular chaperones: role and targeting in health and disease”. Molecular chaperones, most of which are heat shock proteins (HSPs), are part of phylogenetically related families and are essential in living cells. Molecular chaperones play a variety of roles, including assisting the folding of nascent polypeptides, supporting protein repair or degradation, and driving protein translocation through membranes. Chaperones are induced after stress, which changes their localization and function. For example, they can be expressed in cell membranes or secreted extracellularly where they may interact with the immune system. Due to the central role of molecular chaperones in different biological processes, their dysregulation or malfunction may cause several diseases. The goal of this Special Issue is to collect original research papers, reviews that focus on the role of molecular chaperones in human diseases and highlight the diagnostic and therapeutic applications of these chaperones.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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