Special Issue

The Role of Scaffold Proteins in Human Diseases

Message from the Guest Editors

Scaffold proteins play a crucial role in the organization and regulation of cellular signalling pathways. They act as molecular platforms that bring together various signalling molecules, facilitating their interaction and coordination. The significance of scaffold proteins in human diseases is vast, as they can influence the development, progression, and treatment of various conditions. Understanding the role of scaffold proteins in different cellular processes is essential for unravelling the molecular mechanisms underlying diseases, such as cancer progression, neurological disorders, immune system regulation, cardiovascular diseases and metabolic disorders. Targeting scaffold proteins or their associated signalling pathways may offer new therapeutic strategies for the treatment of various disorders. However, it is important to note that proteomic/epigenomic/genomic research in this field is ongoing, and our understanding of scaffold proteins and their implications in diseases continues to evolve.

In this Special Issue of Biomolecules, we will provide an open access platform for reviews and research papers describing all aspects of research on scaffold proteins in human diseases.

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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