

Special Issue

Protein Folding, towards the Comprehensive Understanding from Various Aspects

Message from the Guest Editor

The great progress in the 3D structural prediction of proteins has been achieved in recent years. The main issue is turning to the elucidation of the folding mechanism of a protein to its native structure. The folding mechanisms of proteins have been studied by many researchers using experimental, theoretical and computational tools, but we do not have a general and unified view on protein folding. On the other hand, protein misfolding sometimes causes diseases such as amyloidosis. For the therapy of such a disease, the understanding of protein folding mechanisms are indispensable. Thus, we are planning this Special Issue for the aim of comprehensive understanding of protein folding and misfolding in the various aspects, that is, experiment, theory, computation evolution, medical issues and so on. We are also interested to understand the relationships of folding to functions of various proteins.

https://www.mdpi.com/journal/molecules/special_issue/s/Protein_Folding_Aspects

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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