

Special Issue

Frontiers in Protein Structure Research

Message from the Guest Editors

In recent years, new frontiers opened in protein structure research. Besides the traditional form of proteins, like folded water soluble proteins, transmembrane and membrane associated proteins, disordered proteins which able to fold on the surface of folded proteins or other stable macromolecules, new forms of proteins and protein complexes emerged. Among others, fuzzy complexes in which during physiological function at least one protein component is still in disordered form, mutual synergistic folding complexes in which two or more disordered proteins help each-other to fold, are new subclasses of proteins. Combination of the above mentioned proteins, like partially disordered proteins or proteins participating in liquid-liquid phase separation, represent new forms of proteins. These are all new and interesting fields of proteins structure research. As guest editors of the "Frontiers in protein structure" special issue of IJMS, we would like to invite you to contribute a paper related to protein structures.

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