



## Novel Approaches to Studying Protein Structure/Function Relationships at the Molecular Level

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

The question of how a protein's structure influences its function has been a driving question for nearly as long as the field of protein chemistry has existed. Until the mid-1990s it was believed that function came from ordered structure, but demonstration of the existence of Intrinsically Disordered Proteins (IDPs) has expanded this view. This expanded view of protein structure/function has driven development of new tools to interrogate function at the molecular level, from an increased number of single-molecule techniques to improved structural techniques such as cryo-EM and time-resolved crystallography. These innovations have provided insights into structure-function relationships that were previously unobtainable. The focus of this Special Issue is to collect articles that highlight recent innovative advances in the study of protein structure/function relationships.





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