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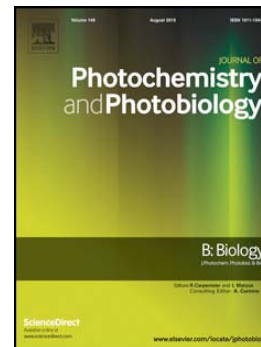
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Exploration of Electrostatic Interaction in the Hydrophobic Pocket of Lysozyme: Importance of Ligand-Induced Perturbation of the Secondary Structure on the Mode of Binding of Exogenous Ligand and Possible Consequences

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Abstract

Exogenous ligand binding can be adequate to alter the secondary structure of biomolecules besides other external stimuli. In such cases, structural alterations can complicate on the nature of interaction with the exogenous molecules. In order to accommodate the exogenous ligand, the biomolecule has to unfold resulting in a considerable change to its properties. If the bound ligand can be unbound, the biomolecule gets the opportunity to refold back and return to its native state. Keeping this in mind, we

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