

Special Issue

Protein-Protein Interactions in Cellular Function

Message from the Guest Editor

Numerous protein-protein interactions occur in cells to effectively dictate function. Often these complexes associate and dissociate with KD's in the micromolar range depending on their physiological concentration and their overall intra- and inter-cellular environment. Here, we focus on small molecule effector proteins galectins and chemokines, their structural interactions as homo- and hetero-oligomers, ligand binding effects, and interactions with their cell receptors. Inter-molecular interactions are discussed in the context of the biophysical techniques (e.g. X-ray, NMR, Cryo-EM, MD simulations) used to elucidate structural information, as well as the impact of their interactions on physiological function.

Guest Editor

Prof. Dr. Kevin H. Mayo

Department of Biochemistry, Molecular Biology & Biophysics, University of Minnesota, Minneapolis, MN 55455, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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