

Jayaraman, N., 2009, "Multivalent ligand presentation as a central concept to study intricate carbohydrate-protein interactions", *Chem. Soc. Rev.*, 38, 3463 – 3483.

The article focuses on one of the major advancements pertaining to the studies of the carbohydrate-protein recognitions, namely, the multivalent interactions. The understanding of the multivalent interactions has come through as a result of sustained efforts to uncover the details by chemists, biochemists and biologists alike. The article is thus summarized in a manner which takes the topic through developments that have occurred through the chemical, biochemical and biological studies. Being a *Tutorial review* article, emphasis is provided on the very nature of the issue and the methods that allowed studies to uncover the finer details of these interactions. The mechanisms operating the multivalent interactions are also presented, covering the important aspects of the interactions. The article is presented with a careful selection of leading references that contributed immensely to the current advancements.