

Protein carbohydrate interactions is an exciting area of research with huge potential for development and exploration. These interactions are both widespread and diverse in biological processes and many play a crucial role in cellular recognition, attachment and adhesion. This is particularly true for host-pathogen interactions that lead to infectious diseases as the surfaces of cells and pathogens display complex carbohydrate structures and carbohydrate binding proteins on their surface.

Protein-Carbohydrate Interactions in Infectious Diseases

provides a comprehensive overview of the subject, with contributions from leading experts in the field.

Beginning with a general introduction, subsequent sections include;

- Atomic Basis of Protein-Carbohydrate Interactions
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- Protein-Carbohydrate Interactions in Enterobacterial Infections
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- Synthetic Carbohydrate-Based Vaccines and Glycobiology

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