

about the book . . .

This comprehensive resource highlights and speculates on design-order and structure-function correlates of glycoconjugates—integrating structural and biosynthetic data with the functional role of glycoconjugates.

Summarizing significant contemporary information in understandable language, *Glycoconjugates* discusses **current** strategies to elucidating oligosaccharide structures *and* mechanisms of biosynthesis and turnover . . . presents the characteristics of macromolecules that interact with glycoconjugates . . . illustrates the specificity of recognition which cells have developed while using a relatively small array of monosaccharides . . . covers classical methodology of structural and biosynthetic analysis as well as **new** research in molecular biology of glycoconjugates . . . provides a guide to carbohydrate and glycoconjugate nomenclature . . . explores the role of model compounds in glycoconjugate chemistry and function . . . and more.

Containing more than 2800 literature references, *Glycoconjugates* is an important guide for biochemists; molecular, cell, developmental, and tumor biologists; immunologists; virologists; biotechnologists; microbiologists; physiologists; and upper-level undergraduate and graduate students in these disciplines.

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