

Biochemical roles of eukaryotic cell surface macromolecules: 2011 ISCSM proceedings

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Abstrak

Cell surface molecules are critically important in regulating cell structure and function. Recent advances on the functional role of cell surface molecules, particularly glycoconjugates are presented in this book. Comprising of 22 chapters from the 2011 International symposium on biochemical roles of eukaryotic cell surface macromolecules, it covers topics on the analysis of glycome, biophysical approaches to study cell surface molecules, glycoconjugate metabolism and its dysregulation, and molecular mechanisms involved in cell-cell and cell-matrix interaction.