Carbohydrate Drug Design

Carbohydrates play a fundamental role in normal cell functions as well as in major disease pathologies including cancer, cardiovascular. To improve pharmacokinetic and dynamic properties of peptidic, bioactive compounds they can be derivatized with carbohydrate building. Carbohydrates as Drugs Peter H. Seeberger Springer Discovery and design of carbohydrate-based therapeutics. In addition, carbohydrates are recognized as differentiation markers and as antigenic determinants. Due to their relevant biological role, carbohydrates are promising candidates for drug design and disease treatment.