

# The Sugar Code:

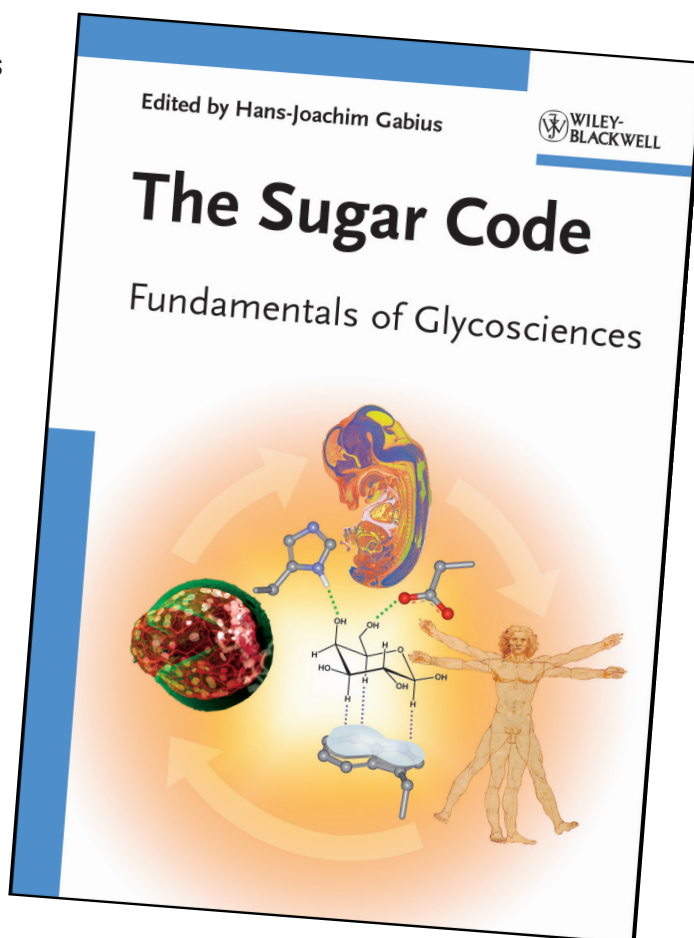
## Fundamentals of Glycosciences

**Edited By:**  
Hans-Joachim Gabius

A reader friendly, strategically structured introduction to glycosciences, guiding from the basics of the sugar alphabet and pertinent aspects of chemical/natural glycosylation to functional carbohydrate recognition (sugar code), with an eye on emerging medical relevance.

All chapters, intimately connected by cross-referencing, share the same interdisciplinary level to make the information readily digestible. The story-telling information boxes add an entertaining touch throughout.

The book gives an in depth introduction into the biochemistry of biologically relevant glycosylation of proteins as well as lipids. In addition, the physiological relevance of these glycomolecules is covered including recent examples of high medical relevance.



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*"Because of the diverse nature of this subject, this important and topical text belongs in the library of everyone working in the interdisciplinary field of glycosciences."*

- **Chemie in Labor und Biotechnik**

*"... a must-have for every library collection on carbohydrates and a great resource for chemistry and biology students curious for an entry into the rapidly growing area of glycosciences."*

- **ChemBioChem**

### Key Features:

- Provides a comprehensive introduction into glycobiology, an expanding field with increasing biomedical relevance, e.g. for infectious diseases or cancer
- One of few books to comprehensively cover the biochemistry of biologically relevant glycomolecules as well as their relevance in health and disease
- Written by leading experts in the field at an intermediate level making the book very attractive for advanced students in Life Sciences and Medicine.



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# Table of Contents

## The Sugar Code: Fundamentals of Glycosciences

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### CHEMICAL BASIS

The Biochemical Basis and Coding Capacity of the Sugar Code (Rüdiger, Gabius)  
 Three-dimensional Aspects of the Sugar Code (Kozar, André, Ulichny, Gabius)  
 The Chemist's Way to Synthesize Glycosides (Oscarson)  
 The Chemist's Way to Prepare Multivalency (Chabre, Roy)  
 Analytical Aspects: The Analysis of Protein-Bound Glycans (Nakagawa)

### NATURAL GLYCOSYLATION -

#### GLYCOPROTEINS

N-Glycosylation (Zuber, Roth)  
 O-Glycosylation: Structural Diversity and Functions (Patsos, Corfield)  
 Glycosylation of Model and "Lower" Organisms (Wilson, Paschinger, Rendic)  
 Glycosylphosphatidylinositol Anchors: Structure, Biosynthesis and Functions (Shams-Eldin, Debierre-Grockiego, Schwarz)

#### NATURAL GLYCOSYLATION - GLYCOLIPIDS, PROTEOGLYCANS, CHITIN

Glycolipids (Kopitz)  
 Proteoglycans (Buddecke)  
 Chitin (Merzendorfer)

### PROTEIN-CARBOHYDRATE INTERACTIONS

Protein-Carbohydrate Interactions: Basic Concepts and Methods for Analysis (Solis, Romero, Menéndez, Jiméñez-Barbero)  
 How to Determine Specificity: From Lectin Profiling to Glycan Mapping and Arrays (Tateno, Kuno, Hirabayashi)  
 The History of Lectinology (Rüdiger, Gabius)  
 Ca<sup>2+</sup>: Mastermind and Active Player for Lectin Activity (Including a Gallery of Lectin Folds) (Gabius)  
 Bacterial and Viral Lectins (Holgersson, Gustafsson, Gaunitz)  
 Plant Lectins (Rüdiger, Gabius)  
 Animal and Human Lectins (Gabius)  
 Routes in Lectin Evolution: Case Study on the C-Type Lectin-Like Domains (Greedy, Zelensky)  
 Carbohydrate-Carbohydrate Interactions (Bucior, Burger, Fernandez-Busquets)

### BIOMEDICAL ASPECTS AND CASE STUDIES

Diseases of Glycosylation (Hennet)  
 Animal Models to Delineate Glycan Functionality (Honke, Taniguchi)  
 Glycobiology of Fertilization and Early Embryonic Development (Habermann, Sinowatz)  
 Glycans as Functional Markers in Malignancy? (André, Kopitz, Kaltner, Villalobo, Gabius)  
 Small is Beautiful: Mini-Lectins in Host Defense (Lehrer)  
 Inflammation and Glycosciences (Schwartz-Albiez)  
 Sugars as Pharmaceuticals (Osborn, Turkson)  
 Platelet Glycoproteins as Lectins in Hematology (Hoffmeister, Falet)  
 Neurobiology meets Glycosciences (Ledeen, Wu)

### Companion Website:

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