



# Introduction to Glycobiology

*By Maureen E. Taylor, Kurt Drickamer*

Download now

Read Online ➔

## **Introduction to Glycobiology** By Maureen E. Taylor, Kurt Drickamer

This is the first textbook which introduces the essential elements of glycobiology in a way that is readily accessible to undergraduates and other non-specialists. It will be of wide interest to graduate students, postdoctoral researchers and faculty members in related fields, who want an introduction to this important interdisciplinary field. Coherent stories about what sugars do for cells and organisms are the focus--particularly the importance of glycosylation in protein secretion and stability, cell-cell adhesion and signaling, and innate and adaptive immunity. The ways in which glycobiology explains human disease are discussed throughout the book, giving it a biomedical context. Illustrated throughout with all new custom-drawn figures, the book's simple organization, highlighted terms and annotated key reference lists make it readable and accessible. In addition, all the figures from the book will be available to download free from the companion web site at <http://www.oup.com/uk/best.textbooks/biochemistry/glycobiolo>

↓ [Download Introduction to Glycobiology ...pdf](#)

📖 [Read Online Introduction to Glycobiology ...pdf](#)

# Introduction to Glycobiology

*By Maureen E. Taylor, Kurt Drickamer*

## **Introduction to Glycobiology** By Maureen E. Taylor, Kurt Drickamer

This is the first textbook which introduces the essential elements of glycobiology in a way that is readily accessible to undergraduates and other non-specialists. It will be of wide interest to graduate students, postdoctoral researchers and faculty members in related fields, who want an introduction to this important interdisciplinary field. Coherent stories about what sugars do for cells and organisms are the focus-- particularly the importance of glycosylation in protein secretion and stability, cell-cell adhesion and signaling, and innate and adaptive immunity. The ways in which glycobiology explains human disease are discussed throughout the book, giving it a biomedical context. Illustrated throughout with all new custom-drawn figures, the book's simple organization, highlighted terms and annotated key reference lists make it readable and accessible. In addition, all the figures from the book will be available to download free from the companion web site at <http://www.oup.com/uk/best.textbooks/biochemistry/glycobiolo>

## **Introduction to Glycobiology** By Maureen E. Taylor, Kurt Drickamer Bibliography

- Sales Rank: #3407007 in Books
- Published on: 2003-01-09
- Original language: English
- Number of items: 1
- Dimensions: 6.60" h x .30" w x 9.60" l,
- Binding: Paperback
- 160 pages

 [Download Introduction to Glycobiology ...pdf](#)

 [Read Online Introduction to Glycobiology ...pdf](#)

## **Download and Read Free Online Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer**

---

### **Editorial Review**

#### **Review**

Overall it provides a comprehensive introduction to everything related to carbohydrates, focusing largely on mammalian systems including carbohydrate compositions, structures, biosynthesis and functions, along with description of the tools and procedures that are employed in their study.

Nature Structural Biology, Volume 10, Number 6 June 2003.

`Judging from the chapters that I read, I expect an excellent final product...I give this project my full endorsement'

Professor Steven Rosen, University of California, San Francisco

`There is a definite need for an introductory text on the subject for students of biology (and biochemistry)...I recommend the book strongly'

Professor Nathan Sharon, The Weizmann Institute of Science, Israel

#### **About the Author**

Maureen Taylor gained her BSc from King's College, University of London and went on to study for her PhD at the University of London. She was a Postdoctoral Research Fellow at Columbia University and is currently University Research Lecturer at the Glycobiology Institute in the Department of Biochemistry, and Fellow and Tutor of Biochemistry at Exeter College, University of Oxford. Kurt Drickamer studied for his BS at Stanford University, and then his PhD at Harvard. He was the Helen Hay Whitney Postdoctoral Research Fellow at Duke University and Cold Spring Harbor Laboratory before being appointed Assistant Professor of Biochemistry, University of Chicago and then Associate Professor of Biochemistry, Columbia University. He is currently Professor of Biochemistry and Wellcome Principal Research Fellow at the Glycobiology Institute in the Department of Biochemistry, University of Oxford.

### **Users Review**

#### **From reader reviews:**

##### **Robert Rios:**

Book is to be different for each grade. Book for children until adult are different content. As we know that book is very important normally. The book Introduction to Glycobiology has been making you to know about other knowledge and of course you can take more information. It is very advantages for you. The publication Introduction to Glycobiology is not only giving you more new information but also to get your friend when you really feel bored. You can spend your own personal spend time to read your e-book. Try to make relationship using the book Introduction to Glycobiology. You never experience lose out for everything in case you read some books.

##### **Michael Johnson:**

This Introduction to Glycobiology are generally reliable for you who want to be described as a successful

person, why. The reason of this Introduction to Glycobiology can be on the list of great books you must have is usually giving you more than just simple reading through food but feed an individual with information that perhaps will shock your prior knowledge. This book is handy, you can bring it everywhere you go and whenever your conditions in e-book and printed versions. Beside that this Introduction to Glycobiology forcing you to have an enormous of experience for instance rich vocabulary, giving you trial run of critical thinking that we all know it useful in your day task. So , let's have it and luxuriate in reading.

#### **William Ochoa:**

The book untitled Introduction to Glycobiology contain a lot of information on the idea. The writer explains your ex idea with easy means. The language is very easy to understand all the people, so do not worry, you can easy to read that. The book was authored by famous author. The author gives you in the new age of literary works. It is easy to read this book because you can please read on your smart phone, or program, so you can read the book within anywhere and anytime. In a situation you wish to purchase the e-book, you can wide open their official web-site and order it. Have a nice examine.

#### **Juanita Cooke:**

That reserve can make you to feel relax. This book Introduction to Glycobiology was bright colored and of course has pictures on the website. As we know that book Introduction to Glycobiology has many kinds or style. Start from kids until young adults. For example Naruto or Investigation company Conan you can read and think that you are the character on there. Therefore not at all of book are generally make you bored, any it can make you feel happy, fun and chill out. Try to choose the best book for yourself and try to like reading that.

**Download and Read Online Introduction to Glycobiology By  
Maureen E. Taylor, Kurt Drickamer #0MDAIB4HXUE**

## **Read Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer for online ebook**

Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer books to read online.

### **Online Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer ebook PDF download**

**Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer Doc**

**Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer Mobipocket**

**Introduction to Glycobiology By Maureen E. Taylor, Kurt Drickamer EPub**