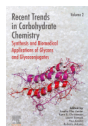


**ScienceDirect**

## Recent Trends in Carbohydrate Chemistry

### *Volume 2: Synthesis and Biomedical Applications of Glycans and Glycoconjugates*

**Book • 2020**

Edited by:

Amélia Pilar Rauter, Bjørn E. Christensen, ... Roberto Adamo

[Browse book content](#)[About the book](#)[Search in this book](#)[Search in this book](#)

---

## Table of contents

[○ Full text access](#)

Front Matter, Copyright, Contributors, Preface

- > Part One: Advances in chemical synthesis and biosynthesis of bacterial glycans
- > Part Two: Synthetic carbohydrate-based vaccines: present and future

Book chapter ○ No access

Index

Pages 413-426

 [Purchase](#)

## About the book

### Description

*Recent Trends in Carbohydrate Chemistry: Synthesis and Biomedical Applications of Glycans and Glycoconjugates* covers biomedically relevant bacterial cell wall carbohydrates including recent findings on biosynthetic aspects, advances in the chemical assembly of bacterial lipopolysaccharide fragments and teichoic acids, and modern NMR approaches to unravel structural details. The first part introduces and provides the relevant

[Show more](#) ✓

### Key Features

Highlights important features of bacterial glycoproteins

Illustrates modern chemical synthesis and structural analysis of bacterial glycans

Demonstrates the importance of carbohydrate chemistry for the synthesis of lipopolysaccharides and teichoic acid

[Show more](#) ✓

## Details

## ISBN

978-0-12-820954-7

## Language

English

## Published

2020

## Copyright

Copyright © 2020 Elsevier Inc. All rights reserved.

## Imprint

Elsevier

## No. of pages

438

## DOI

<https://doi.org/10.1016/C2019-0-02772-0>

You currently don't have access to this book, however you can purchase separate chapters directly from the table of contents or buy the full version.

[Purchase the book ↗](#)

# Editors

Amélia Pilar Rauter

Bjørn E. Christensen

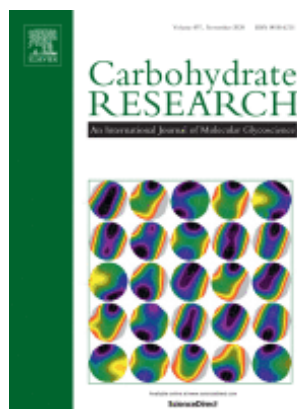
László Somsák

Paul Kosma

Roberto Adamo

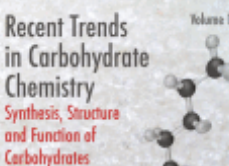
## Related publications

[Why related?](#)



Journal

Carbohydrate Research



## Recent Trends in Carbohydrate Chemistry

2020



## Tetrahedron Letters



Journal

Biochimica et Biophysica Acta (BBA) - Biomembranes



Copyright © 2020 Elsevier B.V. or its licensors or contributors.  
ScienceDirect® is a registered trademark of Elsevier B.V.

