

## Special Issue

# Carbohydrate-Active Enzymes: Structure, Activity and Reaction Products

### Message from the Guest Editor

This Special Issue aims at gathering new research results to broaden our understanding about carbohydrate-active enzymes, their mutants and their reaction products at the molecular level. It focuses on enzymes active in the biosynthesis, modification and degradation of oligo and polysaccharides, and glycoproteins and glycolipids. Authors are invited to submit their original research and review articles.

#### Keywords

- Biochemistry
- X-ray crystallography
- NMR
- Enzyme engineering
- Directed evolution
- Protein Glycosylation
- Lipid Glycosylation
- Glycosyltransferase
- Glycoside hydrolase
- Polysaccharide lyase
- Carbohydrate esterase
- Oligosaccharide
- Polysaccharide
- Glycoprotein
- Glycolipid
- Structure and function relationship

### Guest Editor

Prof. Dr. Stefano Benini

Free University of Bozen-Bolzano, Bioorganic Chemistry and Bio-Crystallography laboratory (B2C1), Bozen-Bolzano, Italy

### Deadline for manuscript submissions

closed (31 October 2019)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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