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Carbohydrate-Active Enzymes: Structure, Activity and Reaction Products

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 October 2019)

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



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Special Issue



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Message from the Editor-in-Chief

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