



## Carbohydrate-Active Enzymes for Valuable Product Creation

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue will cover recent developments in the field of carbohydrate-active enzyme technology, focusing on solutions to create valuable compounds. Examples of biocommodity engineering include enzymatic depolymerization or extraction of defined carbohydrate structures, for example to increase the product value or improve product properties compared to the starting material. The scope also covers enzymatic technologies to synthesize carbohydrates, for example transglycosylation or use of glycosyltransferases. This Special Issue aims to include examples of more than one of these strategies and welcomes research that compares different routes to production of defined carbohydrates. Recent developments in the field include diverse research areas, such as enzyme discovery, protein engineering, computational modelling methods, carbohydrate analysis, development of appropriate enzyme cocktails, and bioprocess engineering.

Thus, I invite you to submit your research on these topics, in the form of original research papers or insightful review articles.

Dr. Birgitte Zeuner  
*Guest Editor*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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