



Special Issue on Advances in Carbohydrate Chemistry

Call for Papers

Carbohydrates are a common class of simple organic compounds. Recently, with the development of modern separation and analysis techniques, the importance of carbohydrate compounds in biological activity has been increasingly recognized. Carbohydrates are implicated in intercellular recognition, bacterial and viral infection processes, the fine tuning of protein structure, the inflammation event and some aspects of cancer. This broadening of carbohydrate activity has caused a renaissance in structure determination and synthetic activity. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **carbohydrate chemistry**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **advances in carbohydrate chemistry**. Potential topics include, but are not limited to:

- Synthesis of carbohydrate compounds
- Reactions of monosaccharides
- Glycoconjugates and glycobiology
- Separation and purification of carbohydrates
- Protecting groups in carbohydrate
- Analysis and structural characterization of carbohydrate
- Carbohydrate-based drugs
- Applications of polysaccharide (Medicine, Biology, Food science, Biochemistry, etc.)

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Advances in Carbohydrate Chemistry**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	January 22nd, 2015
Publication Date	March 2015



Scientific Research
Open Access

International Journal of
Organic Chemistry
ISSN Online: 2161-4695

Guest Editor:

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