

Special Issue

Recent Advances in Cellulose Chemistry

Message from the Guest Editor

Cellulose, a linear polymer of β -1,4-linked glucose moieties, is the most common and naturally occurring organic polymer on earth. It is considered an almost unabundant source of raw material for the production of environmentally benign and biocompatible products. The fascination of the cellulose biopolymer comes from its particular structure, diverse architectures, reactivities, and multi-functions. Cellulose constitutes the best example of the merging of carbohydrate and polymer chemistry. Consequently, the cellulose macromolecule is related to an extremely wide range of domains, including pure, polymer, fiber, paper, textile, pharmacy, and green chemistry fields. The present Special Issue is planned to publish original research and review articles on the recent advances dealing with the chemistry of cellulose from pure and applied points of views.

Guest Editor

Prof. Dr. Salah-Eddine Stiriba

Instituto de Ciencia Molecular/ICMol, Universidad de Valencia,
C/Catedrático José Beltrán 2, 46980 Valencia, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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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