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Nanocellulose in Biomedicine and Food Products: Current Status and Future Prospects

Guest Editor:

Dr. Esteban E Ureña-Benavides
Department of Biomedical Engineering and Chemical Engineering, University of Texas at San Antonio, San Antonio, TX, USA

Deadline for manuscript submissions:
closed (20 December 2023)

Message from the Guest Editor

Dear Colleagues,

Nanocellulose is a fascinating material that has been the subject of extensive research for the last three decades. However, new discoveries and applications continue to emerge every year for cellulose nanofibers and nanocrystals. Some key nanocellulose properties, such as biocompabitliy, stiffness, light weight, low cost, and high surface area and surface activity, have led to the development of multiple biomedical and nutritional applications.

The purpose of this Special Issue is to highlight recent advances of nanocellulosic materials in the health industry ranging from food products and nutritional supplements to biomedical applications. A special interest is placed on any medical and food application in which the nanomaterials are intended to be in contact with a portion of the human organism. Fundamental and applied articles involving unmodified, functionalized, and other novel nanocellulosic materials are requested for this Special Issue. Full research articles, communications, and review papers are all welcomed.

Dr. Esteban E Ureña-Benavides
Guest Editor

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Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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𝕏@Materials_Mdpi