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Advanced Nanocellulose-Based Materials: Production, Properties and Applications II

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Deadline for manuscript submissions:
closed (10 July 2023)

Message from the Guest Editors

Dear Colleagues,

Cellulose nanocrystals (CNCs), cellulose nanofibers (CNFs) and bacterial nanocellulose (BNC) are three nanometric forms of cellulose, the most abundant natural polymer, and are presently in the spotlight in manifold domains of modern science and technology.

Following the enormous success of the first Special Issue, titled "Advanced Nanocellulose-Based Materials: Production, Properties, and Applications", the aim of the present Special Issue, "Advanced Nanocellulose-Based Materials: Production, Properties, and Applications II", is to pursue the bringing together of a collection of original research and review papers from scientists working with nanocellulose. Therefore, research that is illustrative of recent developments in dealing with the production methodologies, properties and applications of nanocellulose-based materials, such as nanocomposites, hybrids, hydrogels, films and fibers, is welcomed to this Special Issue. See more information in

https://www.mdpi.com/si/116429

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Editor-in-Chief

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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