Special Issue

Polysaccharide-Based Nanomaterials and Their Applications

Message from the Guest Editors

The 6th EPNOE International Polysaccharide Conference was an initiative of EPNOE, the Cellulose and Renewable Division of the American Chemistry Society (ACS), and the Cellulose Society of Japan (CSJ) and was hosted in Aveiro, Portugal (https://epnoe2019.sciencesconf.org/). The ambition of the EPNOE International Polysaccharides Conferences is to bring together researchers from academia and industry working on or interested in polysaccharide-related R&D topics, to disseminate results and to promote a networking platform for close interactions between academia and industry. The scientific program was structured in Thematic Sessions covering different areas where polysaccharides have a relevant role, including several topics on polysaccharide-based nanomaterials, co-organized by scientific experts in each field. The event provided an opportunity for delegates to discuss and share knowledge, ideas, and expertise with colleagues and peers.

Guest Editors

Prof. Dr. Amparo López-Rubio

Prof. Dr. Manuel A. Coimbra

Prof. Dr. Carmen S. R. Freire

Dr. Antonio Martínez-Abad

Deadline for manuscript submissions

closed (20 December 2020)

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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