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Functional Alginate-Based Materials

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Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editor

Dear Colleagues,

Alginate is a natural polysaccharide derived from brown seaweed, which has been used in a variety of applications in the biomedical, energy, and industrial fields, including in food, textile printing, and others. This Special Issue will highlight a new polymeric formulation consisting of alginate or chemically modified alginate for 1) diverse biomedical research, such as that into controllable drug delivery, enhanced tissue sealing, and therapy responses applicable for acute/chronic diseases and 2) industrial manufacturing (e.g., 3D/4D printing). The articles will focus on preparation methods and the unique physicochemical properties and mechanical stability of those alginate formulations (e.g., hydrogels, films, and particles) followed by multi-functionality for further designed applications.

Prof. Dr. Mikyung Shin
Guest Editor

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Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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