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Ionics in Functional Biomaterials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Ionics in functional biomaterials is a branch of bioenergy and biodevices. In particular, this is important for the field of energy devices such as batteries, fuel cells, and so on. Ionic transport in biomaterials leads to new electrolytes for batteries, and the enzyme reaction gives rise to new concepts for the ionic reaction of electrodes. In addition, ion generation leads to the fuel of hydrogen energy. In this way, ionics in functional biomaterials is responsible for all parts of energy devices such as batteries, fuel cells, and so on, and will contribute to the development of a hydrogen society.

Prof. Dr. Yasumitsu Matsuo
Guest Editor

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Editor-in-Chief

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Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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