



Advance in Functional Biological Polymer Membranes

Guest Editor:

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Message from the Guest Editor

Dear colleagues,

Functional polymer membranes represent a highly interdisciplinary frontier interfacing physics, chemistry, life science, and engineering. This Special Issue will be focused on the development of polymeric membranes with advanced or novel functions in the various membrane separation processes for liquid and gaseous mixtures (gas separation, reverse osmosis, pervaporation, nanofiltration, ultrafiltration, microfiltration) and in other important applications of membranes such as biomaterials, catalysis (including fuel cell systems) or lab-on-chip technologies.

The main purpose of this Special Issue is to gather a series of important works by leading experts on the subject and to provide a balanced collection of theoretical and experimental studies on functional polymer membranes. It is highly anticipated that the field can be promoted by reasonable and positive arguments within the community. As pointed out by Nobel Prize Laureate in chemistry Roald Hoffmann, “Science depends on arguments”.

Prof. Dr. Nikolai Bunkin
Guest Editor





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Message from the Editor-in-Chief

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