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## Advance in Functional Biological Polymer Membranes

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submissions:

**closed (5 November 2023)**

### 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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**Special** Issue



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## Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

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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