Special Issue

Membranes for the Purification of Biotherapeutics

Message from the Guest Editors

This Special Issue will highlight recent developments in the use of membranes for the purification and polishing of biologics, including, but not limited to, tangential flow filtration, diafiltration, ultrafiltration, microfiltration, and membrane chromatography. This includes the use of membranes in a flow-through mode for removing process and product impurities and in a bind-and-elute mode for product capture. We seek papers describing new ideas and membrane approaches for purifying a broad range of biologics, including antibodies, antibody fragments, peptides, viral vectors, and mRNA and DNA for gene therapies. Of particular interest are quantitative comparisons of membrane-based processes incorporating resin chromatography, as measured by process productivity, overall process times, process mass intensity, eCO2emissions, and applications of single-use technologies.

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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