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Membrane Processes for the Purification of Biopharmaceutics

Guest Editor:

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Message from the Guest Editor

Membranes have important uses in the downstream purification of biotherapeutics (i.e., monoclonal antibodies and fusion proteins) for initial clarification, sterile filtration, virus removal, product concentration, and formulation. These membrane processes are operated in either normal-flow filtration (NFF) or tangential-flow filtration (TFF) modes as needed. In the significantly increased market of biopharmaceutics with the recent development of biosimilar and biobetter products, membranes play a key role in these purification processes.

This Special Issue on "Membrane Processes for the Purification of Biopharmaceutics" of *Membranes* seeks contributions to assess the state-of-art technologies and future developments for continuous downstream processes in the field of membrane bioseparation, including but not limited to sterile filter, virus filter, and ultrafiltration (UF)/diafiltration (DF) processes.

Keywords

- biotherapeutics
- sterile filter
- virus filter
- ultrafiltration (UF)
- diafiltration (DF)
- microfiltration (MF)

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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.

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