

Special Issue

Membrane Transport and Drug Permeation

Message from the Guest Editors

We are pleased to announce a Special Issue of *Pharmaceutics* focused on “Membrane Transport and Drug Permeation”. This issue aims to showcase research that explores mechanisms and applications of membrane transport in drug delivery and highlights its significance in drug development and clinical practice. We welcome original research articles or reviews that address, but are not limited to, the following topics:

- **Mechanisms:** Passive diffusion, facilitated diffusion, active transport, and vesicular transport mechanisms in drug permeation.
- **Emerging Technologies:** Advances in techniques for studying membrane transport, such as high-throughput screening and computational modeling.
- **In Vitro and In Vivo Models:** Experimental models studying drug transport, such as cell cultures, artificial membranes, and animal models.
- **Drug Delivery Strategies:** Nanoparticle-based and targeted drug delivery approaches exploiting membrane transport mechanisms.

We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

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Editor-in-Chief

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