



Channels and Transporters in Cells and Tissues

Guest Editor:

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Message from the Guest Editor

Channels and transporters are membrane proteins that mediate the traffic of water, ions, and solutes across biological membranes and are crucial to maintaining homeostasis assuring cell survival upon intracellular or environmental stress. This Special Issue “Channels and transporters in cells and tissues” will focus on the function and regulation of membrane transport proteins across all living organisms, including their potential as drug targets. Authors are invited to submit original research and review papers addressing the topic of this Special Issue.

Keywords

- Membrane transport and regulation
- Structure–function relationship
- Water, ions, and solutes transport
- Membrane permeability
- Osmoregulation
- Chemical modulation
- Therapeutic application
- Drug discovery
- Disease
- Prokaryotic and eukaryotic cells





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Message from the Editor-in-Chief

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