



Ion Conductance and Ion Regulation in Human Health and Disease

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The gradients in ion concentration across the cell membrane are associated with many processes that define life. Therefore, the knowledge of ion conductance and ion regulation is vital to understanding cellular physiology and pathophysiology. This Special Issue deals with structures and functions of ion transport across membranes, with ion regulation based on intracellular ion stores and signaling processes involving ion transport. It includes studies of excitable cells but also covers non-excitable cells. Studies on model cells and cell lines as well as primary cells and tissue are welcome. This Special Issue covers original research and comprehensive reviews.

Since *IJMS* is a journal of molecular science, pure clinical studies will not be suitable for this Special Issue; however, clinical submissions with biomolecular experiments are welcome.





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Message from the Editor-in-Chief

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