

Special Issue

Role of Ion Channels in Human Health and Diseases

Message from the Guest Editor

Ion channels are pathways across cell membranes. These channels are highly selective for ion permeability and exhibit different gating kinetics. Changes in the activity of these various ion channels can cause alterations in the cell membrane potential and the firing patterns of action potentials in electrically excitable cells. Recent data indicate that abnormalities in the function of these ion channels, whether regarding the loss of function or gain of function, are closely related to the mechanisms of many diseases and their pharmacological treatments. These specific diseases include epileptic disorders, different cardiac arrhythmias, and certain endocrine disorders. Therefore, we earnestly hope that researchers in this field will actively publish and share their latest and most interesting findings with us.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/211923

*International Journal of
Molecular Sciences*
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