

Special Issue

Ion Channels: Intersection of Structure, Function and Pharmacology

Message from the Guest Editor

the structural determination of several voltage-gated, ligand-gated and polymodal ion channels has increased our understanding of ion permeation, which underlies electrical signaling in cells. Computational approaches to study ion channel dynamics and ion channel-ligand interactions blurred the boundary between pharmacology and structural biology. This issue now aims at fostering studies at the intersection of structure, function, and pharmacology of ion channels to unravel new facets of these fascinating membrane proteins and to provide key concepts to guide the rational design of innovative therapeutics.

Guest Editor

Dr. Yann Percherancier

IMS Laboratory (CNRS UMR 5218) , Bordeaux University, Talence, France

Deadline for manuscript submissions

closed (28 February 2023)



International Journal of Molecular Sciences

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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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