



New Insights into β -Subunits of the Sodium-Pump

Guest Editor:

Dr. Shoshani Liora

Department of Physiology
Biophysics and Neurosciences,
Center for Research and
Advanced Studies, CINVESTAV-
IPN, Mexico City 07360, Mexico

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

Dear Colleagues,

We would like to invite you to participate in a Special Issue of the *International Journal of Molecular Sciences* entitled “New Insights into β -Subunits of the Sodium-Pump”.

Na^+/K^+ -ATPases have been studied intensively for nearly 70 years. Nonetheless, they are still at the center of research in various disciplines. In addition to its central role related to the pumping activity of the α -subunit, a wide range of functions are related to the β -subunit of the pump. In this Special Issue, our aim is to publish research and review articles describing the current knowledge and data on the structure–function relationship of the β -subunits of the Na^+ pump and on protein–protein interactions that involve $\beta 1$ and $\beta 2$ isoforms in homotypic and heterotypic interactions. We are looking for articles that explore the roles played by β -subunits at the molecular, biochemical, physiological, pharmacological, and genetic levels and how they impact the development, normal structure and function, and pathology of epithelial and cerebral tissues.





an Open Access Journal by MDPI

Editor-in-Chief

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

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI