

Special Issue

Cardiotonic Steroids: From Toxins to Hormones—2nd Edition

Message from the Guest Editors

Cardiotonic steroids (CS), obtained from plants such as *Digitalis purpurea* and *Strophanthus*, and animals such as toad *Bufo Marinus*, were once widely used components of traditional medicine. The use of CS ouabain by Skou in the discovery of Na/K-ATPase consolidated the function of CS as inhibitors and regulators of Na/K-ATPase, opening a new era in the studies of these steroidal agents. The present issue of “Cardiotonic Steroids” is dedicated to recent findings related to the multifaceted role of these incredible molecules in health and disease.

Guest Editors

Dr. Alexei Y. Bagrov

Padakonn Pharma, 20309 Narva, Estonia

Dr. Olga V. Fedorova

Laboratory of Cardiovascular Science, National Institute on Aging, NIH, 251 Bayview Blvd, Baltimore, MD 21224, USA

Deadline for manuscript submissions

closed (20 February 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



mdpi.com/si/89532

*International Journal of
Molecular Sciences*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

mdpi.com/journal/

[ijms](https://ijms.mdpi.com)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



[mdpi.com/journal/](https://mdpi.com/journal/ijms)

ijms



About the Journal

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.

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

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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)