



Molecular Mechanisms of Steroid Hormone Action—2nd Edition

Guest Editor:

Prof. Dr. Omar Cauli

Frailty and Cognitive Impairment
—FROG Research Group,
University of Valencia, 46010
Valencia, Spain

Deadline for manuscript
submissions:

closed (31 October 2025)

Message from the Guest Editor

Steroid hormones are a versatile and structurally diverse class of molecules. They exert their effects as hormones, as cellular building material, and as signaling molecules in multiple processes. Recent studies have shown that steroids have pleiotropic effects and previously unknown physiological functions. They are involved in disease pathophysiology and play a pivotal role in inflammatory processes. Steroid-based therapy is frequently used in the treatment of several disorders, such as endocrine disorders, auto-immune diseases, inflammatory disorders, and cancer. Consolidated pharmacological approaches, as well as new clinical indications, are emerging for steroid-based therapy, and basic studies on their new mechanisms of action are warranted. This Special Issue is devoted to providing an update on research into steroid actions in the body and steroid-based therapy, from molecular perspectives to preclinical and clinical studies.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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*, *CAPus / SciFinder*, and other databases.

Journal Rank: JCR - Q2 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](https://twitter.com/Biomed_MDPI)