

Special Issue

Hormonal Regulation of Male Reproductive System

Message from the Guest Editors

Normal functioning of all organs is dependent on a wide range of signaling molecules, including hormones. The hypothalamic-pituitary-testis axis is crucial for control of androgen biosynthesis and spermatogenesis. Steroid hormones are also involved in regulating of organ systems development, physiological processes, energy metabolism, and behavior *via* molecular and cellular mechanisms. The scientific discoveries of recent years have also confirmed that the regulation of male reproductive functions also depends on the action of other hormones synthesized by extragonadal tissues. The Special Issue of “Hormonal regulation of male reproductive system” will include high-quality original research articles as well as review articles addressing various aspects of pathological condition on hormonal regulation of male reproductive function contributing to infertility and other disorders, as well as on therapeutic in endocrine dysfunctions. We very welcome *in vitro* and animal model studies.

Guest Editors

Dr. Michał Oczkowski
Prof. Dr. Joanna Gromadzka-Ostrowska
Dr. Katarzyna Dziendzikowska

Deadline for manuscript submissions

closed (31 May 2023)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/107428

Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

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





Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



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



About the Journal

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.

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).