

## 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.

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### Guest Editors

Dr. Michał Oczkowski

Prof. Dr. Joanna Gromadzka-Ostrowska

Dr. Katarzyna Dziendzikowska

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### Deadline for manuscript submissions

closed (31 May 2023)



## Biomedicines

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### 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.

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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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