

## Special Issue

# Emerging Topics in Male Reproductive Health

### Message from the Guest Editors

The worldwide prevalence of infertility is increasing, and in 50% of infertile couples the cause of infertility is attributed to the male partner. There are numerous causes that alter the quality of sperm parameters and thus affect male fertility, including the presence of varicoceles, hypogonadism, genetic disorders, metabolic diseases and many other disorders. Over the past few years, new evidence has emerged showing that men with sperm parameters that are apparently within normal ranges may have underlying molecular abnormalities that decrease fertility. It is necessary to deepen the knowledge about metabolic and signaling pathways involved in sperm function; mechanisms involved in its maturation and capacitation; the adaptation of sperm to different environments during transit in the male and female reproductive tracts; damage to sperm DNA and its causes; among many other molecular mechanisms that lead to fertilization failure. This Special Issue will primarily focus on aspects related to the molecular biology and laboratory medicine of male reproductive health, and thus papers containing only clinical outcomes and lifestyle are not acceptable.

### Guest Editors

Dr. Marco G. Alves

Dr. Raquel L. Bernardino

Prof. Dr. Pedro F. Oliveira

### Deadline for manuscript submissions

closed (31 July 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

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