

## Special Issue

# Dopamine and Androgen Receptor Signaling: Novel Insights in Cancer Biology

### Message from the Guest Editor

This Special Issue aims to explore the intricate interplay between dopamine and androgen receptor (AR) signaling pathways and their emerging roles in cancer biology. Recent studies have highlighted the significance of neurotransmitter and hormone receptor crosstalk in modulating tumor progression, metastasis, and therapeutic resistance, particularly in hormone-sensitive cancers such as prostate and breast cancer. By bringing together cutting-edge research, this Special Issue seeks to uncover novel molecular mechanisms, identify potential biomarkers, and evaluate therapeutic strategies targeting these signaling axes. A key focus will also be on the screening of new chemical libraries to identify compounds that modulate dopamine and AR signaling, offering promising avenues for drug discovery and development. Contributions that investigate the translational potential of targeting these pathways in cancer treatment are especially encouraged.

### Guest Editor

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### Deadline for manuscript submissions

31 December 2025



## Biomedicines

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## 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.

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### Editor-in-Chief

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