

## Special Issue

# Prostate Cancer: Molecular Biology, Prognostication and Treatment Approaches

### Message from the Guest Editors

Today, prostate cancer is the second most common cancer in the world. A common feature of prostate cancer is its high degree of heterogeneity, with clinical, morphological, and molecular variations ranging from slow progression to highly aggressive and ultimately fatal forms. Genetic mutations, particularly in DNA repair genes influence prostate cancer. Moreover, recent advancements in genetics and molecular studies have identified key genes involved in prostate cancer progression, such as TP53, PTEN, and the androgen receptor, revealing new targets for therapy by identifying critical pathways in tumor growth and metastasis. With a deeper understanding of prostate cancer oncogenesis and the personalization of diagnosis and treatment, emerging novel therapeutic approaches hold promise for both primary and metastatic prostate cancer.

Therefore, this Special Issue will contain a collection of manuscripts focused on prostate cancer research, encompassing investigations into its development, progression, diagnosis, risk assessment, prognosis, and treatment. These manuscripts will place particular emphasis on the underlying molecular features of the disease.

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### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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