

## Special Issue

# Genetic and Molecular Markers in Prostate Cancer

### Message from the Guest Editor

Prostate cancer (PCa) is the second most common malignancy in men and affects one in nine in the United States. While localized PCa is often treated successfully, metastatic disease remains lethal, with a five-year survival of ~31%. Androgen deprivation therapy (ADT) is standard for advanced disease, but many tumors progress to metastatic castration-resistant prostate cancer (mCRPC). Although androgen receptor pathway inhibitors (ARPIs) are used, resistance typically develops within a year, highlighting the need for new strategies. Recent advances—next-generation AR inhibitors, PARP inhibitors, radiopharmaceuticals, and immunotherapies—show promise, but resistance, lack of biomarkers, and uncertainty in treatment sequencing remain challenges. This Special Issue will focus on genetic and molecular markers driving PCa development, progression, and therapy response. We welcome studies that: identify biomarkers; investigate ADT/ARPI resistance; explore novel targets; and advance precision oncology. Our goal is to foster insights that improve clinical outcomes in prostate cancer.

### Guest Editor

Dr. Thaidy Moreno-Rodriguez

Department of Urology, University of California, San Francisco, San Francisco, CA, USA

### Deadline for manuscript submissions

19 February 2026



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/251532](https://mdpi.com/si/251532)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore  
- Q1 (Organic Chemistry)