



## Novel Insights into Molecular Biology of Urological Cancers

Guest Editor:

**Prof. Dr. Giuseppe Lucarelli**

Andrology and Kidney  
Transplantation Unit,  
Department of Emergency and  
Organ Transplantation—Urology,  
University of Bari “Aldo Moro”,  
70124 Bari, Italy

Deadline for manuscript  
submissions:  
**closed (31 March 2022)**

### Message from the Guest Editor

Kidney, prostate, and bladder cancers are among the ten leading tumor types for the new estimated cancer cases in males, according to the American Cancer Society.

In recent years, many studies have provided novel insights into the molecular mechanisms involved in urological tumor pathogenesis, leading to the identification of potential biomarkers for early diagnosis, risk assessment, and outcome prediction. Moreover, the introduction of high-throughput technologies has led to a greater understanding of the pathways underlying the development and progression of these tumors and the identification of novel potential therapeutic targets. This Special Issue of the *International Journal of Molecular Sciences* will be dedicated to the application of different omics approaches for understanding the perturbations of biological systems occurring in the pathogenesis of the genitourinary system.





an Open Access Journal by MDPI

## 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

## 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.

## 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 (Inorganic Chemistry)

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI