

## Special Issue

# Molecular Mechanisms of Tumor Progression and New Therapeutic Strategies for Urological Cancers, 2nd Edition

### Message from the Guest Editors

Urological tumors comprise bladder, prostate, renal, upper urinary tract, and germ-cell tumors, among others. The incidence of urological tumors has increased significantly over the past 40 years. In fact, all of them rank in the top ten list of human cancers and account for up to 33% of malignancies affecting the male population. Their different pathogenetic mechanisms and their varied diagnostic and therapeutic approaches represent a challenge in clinical practice. Thus, treatment for urologic cancers depends on several factors, such as the tumor's grade and stage. Common options include surgery, chemotherapy, and radiation therapy. This Special Issue of the International Journal of Molecular Sciences encompasses original and review articles on the molecular mechanisms leading to tumor progression and resistance to current treatment options, new therapeutic strategies, as well as new prognostic and predictive biomarkers for urological tumors.

Pous

---

### Guest Editors

Dr. Vicenç Ruiz de Porras

Department of Pharmacology, Toxicology and Therapeutic Chemistry, University of Barcelona, 08028 Barcelona, Spain

Dr. Albert Font

Badalona-Badalona Applied Research Group in Oncology (B-ARGO), Catalan Institute of Oncology, 08916 Badalona, Spain

---

### Deadline for manuscript submissions

closed (20 April 2025)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/174711](https://mdpi.com/si/174711)

*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)* 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, and molecular biophysics. *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. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

---

### 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, CAPus / SciFinder, and other databases.

#### Journal Rank:

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