

## Special Issue

# Advancing Cancer Diagnosis: Integrating Molecular Pathology into Histopathology for Solid Tumors

### Message from the Guest Editor

The integration of molecular pathology with histopathology is transforming the diagnosis of solid tumors, enhancing precision and paving the way for personalized treatment strategies. Molecular techniques like Next-Generation Sequencing (NGS) allow comprehensive profiling of genetic alterations, while immunohistochemistry (IHC) and multiplex immunofluorescence reveal biomarker expressions essential for therapy selection. Digital pathology and AI offer improved accuracy and efficiency in tissue analysis, while liquid biopsies enable non-invasive monitoring of tumor dynamics. This multidisciplinary approach provides a deeper understanding of tumor biology, enabling tailored interventions for improved patient outcomes.

---

### Guest Editor

Dr. Giuseppe Broggi

Department of Medical and Surgical Sciences and Advanced Technologies "G.F. Ingrassia", Anatomic Pathology, University of Catania, 95123 Catania, Italy

---

### Deadline for manuscript submissions

closed (31 October 2025)



## Journal of Molecular Pathology

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.1  
CiteScore 2.3



[mdpi.com/si/223743](https://mdpi.com/si/223743)

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

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

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





# Journal of Molecular Pathology

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.1  
CiteScore 2.3



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Giancarlo Troncone  
Department of Public Health, University of Naples Federico II, 80131  
Naples, Italy

---

#### Author Benefits

##### Open Access:

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

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPus / SciFinder, and other databases.

##### Journal Rank:

CiteScore - Q1 (Health Professions (miscellaneous))