# **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 Al 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**

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# Deadline for manuscript submissions

closed (31 October 2025)



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