

Special Issue

Emerging Trends in Tumor Pathology and Precision Oncology

Message from the Guest Editors

The Special Issue focuses on the latest advancements that are transforming tumor pathology, with a particular emphasis on gynecologic pathology, pediatric pathology, and neuropathology as primary fields of interest. Utilizing molecular, digital, and biobanking technologies, this collection explores how these innovations are enhancing the understanding, diagnosis, and treatment of various cancers. Molecular pathology techniques, such as next-generation sequencing, are crucial for identifying genetic mutations, enabling targeted therapeutic strategies that improve patient care. Digital pathology, through tools like whole-slide imaging and AI-driven analysis, offers greater diagnostic accuracy and supports remote consultations. Meanwhile, biobanking serves as a vital resource for translational research, facilitating the development and validation of new biomarkers and treatment modalities. While focusing on gynecologic, pediatric, and neuropathology, the issue also welcomes contributions from other oncologic and pathologic subspecialties.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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