

## Special Issue

# Precision Approaches in Solid Tumor Oncology: From Molecular Pathways to Therapy Response

### Message from the Guest Editors

Solid tumors represent a highly heterogeneous group of diseases in which clinical behavior and treatment response are shaped by a complex interplay of molecular alterations and histopathological features. Recent advances in genomics, transcriptomics, and digital pathology have deepened our understanding of tumor biology, while classical and emerging histological and immunohistochemical approaches continue to play an essential role in accurate diagnosis, tumor characterization, and therapeutic decision-making. The integration of these complementary approaches is central to modern precision oncology. This Special Issue aims to showcase the latest developments in the characterization of solid tumors and their implications for individualized patient care. We welcome original research and review articles covering molecular mechanisms of tumor progression, predictive and prognostic biomarkers, therapeutic resistance, innovative diagnostic tools, and translational strategies that bridge basic science with clinical practice. Contributions related to histology, immunohistochemistry, multi-omics integration, liquid biopsy, spatial biology, and emerging therapeutic approaches are encouraged.

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### Guest Editors

Dr. Cristina Díaz del Arco

1. Department of Legal Medicine, Psychiatry and Pathology, School of Medicine, Complutense University of Madrid, 28040 Madrid, Spain
2. Department of Pathology, Hospital Clínico San Carlos; Health Research Institute of the Hospital Clínico San Carlos (IdISSC), 28040 Madrid, Spain

Dr. Luís Ortega-Medina

Department of Pathology, Hospital Clínico San Carlos, Health Research Institute of the Hospital Clínico San Carlos (IdISSC), 28040 Madrid, Spain

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### Deadline for manuscript submissions

31 October 2026



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

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Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

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