







an Open Access Journal by MDPI

Molecular Predictive Pathology in Advanced Non-small Cell Lung Cancer: Next-Generation Diagnostics and Treatments

Guest Editors:

Dr. Umberto Malapelle

Department of Public Health, University of Naples Federico II, Naples, Italy

Dr. Pasquale Pisapia

Department of Public Health, University of Naples Federico II, Naples, Italy

Dr. Maria Lucia Reale

Department of Oncology, AOU San Luigi Gonzaga, University of Turin, Orbassano, Italy

Deadline for manuscript submissions:

closed (25 March 2023)

Message from the Guest Editors

Dear Colleagues,

In recent years, the diagnostic and clinical management of advanced non-small cell lung cancer (NSCLC) patients has rapidly evolved. This increasing complexity is determined by the identification of novel biomarkers associated with novel targeted drugs. Thus, it is crucial to bring up-to-date healthcare personnel involved with advanced NSCLC patients on the most recent advances in the field of molecular predictive pathology and oncology in order to avoid leaving any patient behind. For this reason, this Special Issue plans to focus on both the molecular characterization and innovative molecular-based targeted therapies in advanced NSCLC patients, reporting the most recent progress in this changing landscape, critically discussing the strengths and weakness of the upcoming strategies and analyzing the current research challenges.

Dr. Umberto Malapelle Dr. Pasquale Pisapia Dr. Maria Lucia Reale

Guest Editors













an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. Cells encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us