

Special Issue

Molecular Biology and Precision Medicine of Lung Cancer

Message from the Guest Editors

Lung cancer is a leading cause of cancer-related mortality worldwide. Upon diagnosis, 50% of patients have distant metastases with a 5-year survival rate that is lower than 5%. Most lung cancer patients are diagnosed at an advanced stage, meaning salvage therapy is recommended. Platinum-based chemotherapy is a standard therapy for advanced stage lung cancer but has only been proven to have modest clinical efficacy. Many new target therapies have been developed that have been proven to have better clinical efficacy compared with standard platinum-based chemotherapy. For example, several large-scale phase three clinical trials have shown that a tyrosine kinase inhibitor (TKI) received by lung cancer patients harboring susceptible epidermal growth factor receptor (EGFR) mutations had better clinical efficacy than platinum-based chemotherapy, as determined by the overall response rate, progression free survival (PFS) and quality of life. In this Special Issue on “The Biology and Management of Lung Cancer”, we would like to gather high-quality original research or review articles on lung cancer.

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Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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