Special Issue

Advances in Molecular Landscape and Pathology of Lung Diseases

Message from the Guest Editor

Various molecular alterations in the lung can affect tumoral and non-tumoral diseases. Pulmonary fibrosis can reveal molecular signatures that can enable the use of more targeted therapies. Lung cancer is still one of the leading causes of death worldwide. Lung cancer shows massive genetic variety, with relatively few recurrent mutations occurring at high frequency, affecting targeted signaling pathways. In recent years, new revolutionary treatments have been offered based on the tumor genotype. Identifying significant genetic alterations in lung cancer can activate or inactivate tumor suppressor genes, potentially providing therapeutic opportunities.

This special issue will increase our understanding of the molecular landscape and the use of precision medicine in lung diseases, enabling better patient care. In this Special Issue, research areas may include (but not limited to) the following: the molecular landscape of pulmonary fibrosis and infectious diseases, lung cancer targeted therapies and the range of emerging biomarkers of lung diseases.

I look forward to receiving your contributions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Over the last decade, the amount of information pertaining to thoracic structures has been unprecedented. The thorax is unique in terms of the different structures that involve the respiratory system—lungs, pleura, upper and lower respiratory tract—all located in the mediastinum that by itself represents a different compartment with its own wealth of conditions, and that also includes the Thymic gland. Therefore, we believe that the availability of a new open access journal, *JoR*, dedicated to highlighting and disseminating information related to the respiratory system is not only timely but is also absolutely necessary. As we can see, the information related to the respiratory systems is vast and there could not be anything more and better than to have a journal that is dedicated to the promotion, dissemination, and efficient publication of timely articles on the respiratory system including all its structures.

Editor-in-Chief

Prof. Dr. Cesar A. Moran
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