

## Special Issue

# Molecular Pathophysiology of Chronic Lung Diseases: Mechanisms and Therapeutics

### Message from the Guest Editor

Chronic lung diseases, including asthma, COPD, pulmonary fibrosis, and bronchopulmonary dysplasia, represent a major global health burden due to their complex and multifactorial pathophysiology. This Special Issue of the International Journal of Molecular Sciences seeks to highlight cutting-edge research that elucidates the molecular and cellular mechanisms underlying chronic pulmonary disorders. We welcome original research articles and comprehensive reviews that explore inflammation, tissue remodeling, epithelial and immune cell signaling, hypoxia, and neural regulation of lung function. A particular emphasis will be placed on studies investigating the role of vagal sensory neurons in modulating respiratory physiology and pathology, as emerging evidence suggests their involvement in airway reflexes, immune responses, and disease progression. By integrating diverse perspectives, this Special Issue aims to foster a deeper understanding of the molecular pathophysiology of chronic lung diseases and identify novel therapeutic targets.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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