

Special Issue

The Role of miRNAs in Healthy Lungs and Chronic Lung Diseases

Message from the Guest Editor

The aim of this Special Issue is to provide an overview of the differential expression of miRNAs in various chronic lung diseases, such as interstitial pulmonary diseases, COPD, asthma, and lung neoplasms, compared to healthy lungs. This analysis highlights how these differential expression patterns in each pathology could serve as potential regulatory points and therapeutic targets.

This Special Issue invites manuscript submissions that explore the mechanisms underlying miRNA dysregulation and its impact on various pathways in healthy lungs. For example, the maturation process of miRNAs, from pri-miRNA to pre-miRNA, remains poorly explored. This process involves key regulators such as Drosha/DGCR8, Exportin, and Dicer. Additionally, the effects of RNA editing mechanisms, particularly those involving adenosine deaminases, are also insufficiently studied.

The general goal of this Special Issue is to enhance knowledge about the regulatory mechanisms of miRNAs and their relationship with pathological processes in the lungs.

Dr. Ángeles Carlos-Reyes (reyes_cardoso@yahoo.com) is the Assistant, and Dr. Ángeles Carlos-Reyes helps manage this Special Issue.

Guest Editor

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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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