

## Special Issue

# Advanced Research in Lung Injury and Lung Fibrosis

### Message from the Guest Editors

The persistent activation of immune cells such as neutrophils and macrophages is the hallmark of acute and chronic lung injury, leading to alveolar epithelial cell death and the impairment of gas exchange. However, immune cells also secrete growth factors critical for epithelial cell and fibroblast proliferation as well as differentiation to facilitate the repair. Dysregulated lung repair can lead to pulmonary fibrosis, a devastating disease currently without effective treatment. The most common one, idiopathic pulmonary fibrosis (IPF), has a medium survival time of 3–5 years. Thus, understanding the dynamic crosstalk between these cells could help to identify new therapeutic targets for both lung injury and pulmonary fibrosis. We invite you to submit original research articles or relevant topic reviews on lung injury and fibrosis, focusing on intercellular crosstalk and metabolism.

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### Guest Editors

Dr. Chao He

Dr. Huachun Cui

Dr. Pulin Che

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### Deadline for manuscript submissions

closed (31 March 2024)



## Biomedicines

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### Message from the Editor-in-Chief

*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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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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