

Special Issue

Lung Disease: From Molecular Mechanism to Therapeutic Opportunities

Message from the Guest Editor

New techniques, including single-cell RNA sequencing, proteomics, and pathway analysis, have allowed for an improved understanding of a broad array of pulmonary diseases, including their molecular mechanisms at both the tissue and cellular levels and cellular crosstalk. New disease pathways and novel biomarkers have been identified, which can be used for diagnosis, to follow the course of disease, to determine prognosis, and to be used as targets in the design of novel therapeutic agents. Due to the rapidly expanding findings from research, periodic updates are necessary to review novel findings, provide context, discuss new therapeutics, and develop a focus for future research endeavors. This Special Issue will highlight advances in the pathophysiologic mechanisms of individual lung diseases and the novel therapeutics being examined to treat these diseases. It also aims to outline future research directions with a focus on important unanswered questions.

Guest Editor

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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