

Special Issue

Pulmonary Disease and Transplant Pathology: From Molecular Mechanisms to Diagnosis

Message from the Guest Editors

Although the underlying mechanisms of human lung pathology leading to end-stage lung disease have historically been poorly studied, in recent years significant advances have been made, in particular using genomic approaches in addition to well-established investigative methods. However, little is known about how the underlying molecular mechanisms leading to end-stage lung disease impact the pulmonary allograft and outcome of lung transplantation. This Special Issue aims to showcase original research and reviews on the latest innovations in diagnostic tools to classify the underlying cause of end-stage pulmonary disease, the relevance for patient management, medical therapy, adverse events and the outcome of the pulmonary allograft in view of lung allograft dysfunction. Through this Special Issue, we aim to provide a platform for clinicians, pathologists, researchers and other professionals to highlight advances and emerging trends in this field, enhancing knowledge and directing the development of biomarkers, including machine learning and artificial intelligence. Alternatively, you may choose our Joint Special Issue in the Journal of Respiration for publication.

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Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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