

Special Issue

Clinical and Translational Approaches to Understanding Aging in Lung Disease

Message from the Guest Editors

Life expectancy has significantly increased over the past decade with the prevalence of lung disease increasing markedly with age. Physiological aging leads to molecular changes of the airways, pulmonary vasculature, and parenchyma, thereby causing diminished regenerative capacity and an increased susceptibility to lung infections and diseases. Therefore, studies exploring age-related changes in lung physiology and function are not only crucial for preventing or attenuating disease, but they are also key to better understanding the concept of healthy aging. This Special Issue will showcase clinical, basic, and translational research that explores aging, hallmarks and pathways of aging, and their connection to vascular and respiratory diseases (e.g., pulmonary fibrosis, bronchiectasis, and pneumonia). The goals of this Special Issue are to highlight the current knowledge regarding how aging influences diagnosis and treatment, to identify gaps in the existing literature, and to discuss research advances that may shape future clinical practice. We encourage the submission of reviews, research articles, and short communications on a broad spectrum of research topics mentioned above.

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