

Special Issue

Impact of Endothelial Dysfunction on Cardiovascular and Pulmonary Diseases

Message from the Guest Editors

The complexity and diversity of conditions that involve the pulmonary and systemic vasculature are often closely related to differences between, and changes in, the endothelium of pulmonary and systemic arteries and veins. In this Special Issue on endothelial dysfunction in cardiovascular and pulmonary diseases, the authors focus on endothelial dysfunction as a pathologic feature of pulmonary hypertension, pulmonary embolism, venous thrombosis, and peripheral and myocardial arterial disease. By focusing on pathophysiologic similarities and differences between these conditions, we hope to provide readers useful summary of the current understanding of disease states, standard and experimental treatment approaches, common challenges in management, and future directions. These are conditions that are associated with a marked reduction in patients' quality of life, can be disabling, and are often accompanied by high mortality rates.

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Deadline for manuscript submissions

closed (31 October 2025)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.9
CiteScore 4.6
Indexed in PubMed



mdpi.com/si/213914

Medicina
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