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Lymphatic Vascular Growth and Remodeling in Pathophysiology-New Findings and Avenues

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Message from the Guest Editors

Within the last decade or so, more research was performed to understand the role of lymphatics in lymphedema, cancer, and obesity pathologies. Together, these findings showed that the lymphatic system not only actively drains fluids, immune cells, and lipids but also plays a major role in multiple pathophysiological conditions involving different organ systems such as the heart, the brain, the kidneys, the lungs, the liver, and skin, to mention a few. An impaired lymphatic function has been implicated in several pathologies such as cancer, lymphedema, cardiovascular diseases, hypertension, atherosclerosis, inflammation, obesity, inflammatory bowel disease, asthma, emphysema, chronic obesity, glaucoma, Alzheimer's disease, and several others.

This Special Issue aims to summarize our current progress and to provide a better understanding of the molecular and pathological aspects of lymphatics in different organ systems. This issue also invites cutting-edge research findings that shed light on several unanswered questions that were raised in lymphatic research during the recent decade.













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