

Special Issue

Precision Medicine for Acute Respiratory Distress Syndrome (ARDS)

Message from the Guest Editor

Acute respiratory distress syndrome (ARDS) is the most severe form of respiratory failure, significantly affecting the morbidity and mortality of critical care patients. ARDS is caused by various lung-injuring factors, leading to seemingly similar clinical manifestations requiring uniform management. However, the disease course and outcomes usually significantly differ in terms of the type of injury, intensity, and time of action of the factor. Differences can also be found between patients suffering from the same injury. Phenotypic divisions of ARDS related to extrapulmonary and pulmonary causes can be considered some of the most clinically relevant. ARDS is based on two principal pathways leading to lung injury and, among other issues, encompasses different responses to therapeutic interventions. Phenotypes of ARDS are nowadays one of the leading ARDS-related topics. In this Special Issue, we welcome authors to submit papers concerning various injury-specific types of ARDS, focusing on pathophysiologic and phenotypic differences and the relationship with possible future changes in diagnostic and treatment approaches.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).