

Special Issue

Cutting Edge in Respiratory Disorders Biomarkers Research

Message from the Guest Editors

Respiratory diseases such as asthma, COPD and pulmonary fibrosis are complex and heterogeneous pathologies, and bring about an increase in morbidity, mortality and health-care expenses. The complexity of these diseases is linked to several mechanisms that are not present in all patients at any given time-point, or in the same patient at different time-points. The identification of definite phenotypes and endotypes, which recognize groups of patients with similar characteristics, prognosis or treatment, are very important to establish personalized therapies. Phenotypes and endotypes can be studied by looking for specific biomarkers. Often, heterogeneous disorders are not characterized by a single biomarker, and even diseases presenting a single genetic abnormality display multiple biomarkers. In general, a panel of biomarkers is required for an accurate description of the molecular aspects of a disease. The purpose of this Special Issue is to highlight recent findings regarding how biomarkers can help clinicians for diagnosis, prognosis and therapy in respiratory medicine.

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Deadline for manuscript submissions

closed (31 October 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/101204

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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