

Special Issue

Single-Cell Analysis of Inflammatory Lung-Related Pathologies

Message from the Guest Editors

Chronic inflammation of the airway tract can emerge under different conditions leading to life threatening situations. Lung cancer is a heterogeneous disease, all types affected by smoking-related inflammation with different extent. We call authors studying both cancer cells and the components of the tumor stroma of the lung. Smoking, dust, gases generate inflammation in the airway tract via chronic inflammatory response to irritants, frequently leading to chronic obstructive pulmonary disease (COPD). The COPD and pulmonary fibrosis are result of ongoing inflammatory processes of the lung making the patient unable to breath.

Irrespective to the smoking habit, COVID-19 in line with the overwhelming immune reaction fuel lung inflammation which is frequently fatal. We call authors to publish their latest results related to diseases such as lung cancer, COPD or lung pathologies caused by COVID-19 with special focus on inflammation. State of the art single cell technologies may reveal unprecedented features of cellular sub-types linking different phenotypes with biological significance. Review articles with clear focus are also considered for peer-review.

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Deadline for manuscript submissions

closed (31 March 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/73535

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About the Journal

Message from the Editorial Board

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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