Special Issue

Advances in Pulmonary Fibrosis

Message from the Guest Editor

Idiopathic pulmonary fibrosis (IPF) is a fibrosing interstitial lung disease characterized by a progressive decline in exercise capacity, difficulty breathing, recurrent infections, and a severe impairment in lung function, which makes the patients dependent on long-term oxygen treatment. Due to the lack of effective treatments, the median survival time of patients from diagnosis is 2–4 years. Currently, lung transplantation is the only therapeutic option and is carried out in fewer than 5% of IPF patients with a very severe stage of disease. Thus, there is an urgent need to identify novel mechanisms implicated in the onset and development of this disease, as well as potential therapies. Potential topics for inclusion in this Special Issue include the following:

- Novel biomarkers;
- Experimental therapeutics;
- Animal models (cellular and molecular pathophysiology and experimental therapies);
- The identification of novel mechanisms in IPF.

Guest Editor

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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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