

Special Issue

FGF Signaling in Lung Development, Homeostasis and Disease

Message from the Guest Editor

The fibroblast growth factor (FGF) family comprises secreted growth factors acting via tyrosine kinase receptors (FGFRs). FGF signaling occurs both in the epithelium and mesenchyme and thereby orchestrates epithelial–mesenchymal interactions taking place during the different stages of lung development and homeostasis. FGF signaling has been shown to be critical for the formation of multiple epithelial and mesenchymal lineages in the lung and is also re-engaged during the repair process following injury. Such signaling can also be impaired or abnormally activated in pathological processes such as cancer or fibrosis. In this Special Issue, we also aim to analyze the impact of FGF signaling on stem cells in the context of lung regeneration. In particular, contributions involving single cell transcriptomic, genetic manipulation of genes in specific lineages are encouraged. Both original research articles and reviews will be considered.

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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