Topical Collection

Fibroblast Growth Factors: Pathophysiology and Therapeutics

Message from the Collection Editor

Fibroblast growth factors (FGFs) are a family of cytokines that play crucial roles in the regulation of key cellular processes such as cell proliferation, cell differentiation, tissue morphogenesis, angiogenesis, wound repair, and tumor growth. These endocrine FGFs have been demonstrated to be critical regulators of glucose and lipid metabolism, vitamin D biosynthesis, and phosphate homeostasis and, hence, have attracted an immense amount of interest as therapeutics against diabetes, obesity, osteoporosis, cardiovascular and kidney diseases, and a wide array of diseases associated with the liver–gut axis. In addition, the availability of structural information on the structure–activity relationship of FGFs has opened new avenues to the rational design of drugs against FGF-mediated pathogenesis. In this context, this Special Issue of Cells provides an exciting open-access platform for original research articles, shorter perspective articles, and comprehensive reviews on significant recent advances in FGF pathophysiology and therapeutics against the plethora of types of FGF-related pathogenesis.

Collection Editor

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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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