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Fibroblast Growth Factors: Pathophysiology and Therapeutics

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Message from the Collection Editor

Dear Colleagues,

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.

Prof. T.K.S. Kumar

Guest Editor



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Topical Collection



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