



FGF/FGFR Signaling Pathway in Development and Human Diseases

Guest Editor:

Prof. Dr. Roberto Ronca
Department of Molecular and
Translational Medicine,
University of Brescia, 25123
Brescia, Italy

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Message from the Guest Editor

Due to their pleiotropic nature, FGFs and FGFRs play important roles in different physiological and pathological settings, and contribute to cancer progression not only by triggering a pro-angiogenic response but also by acting directly on tumor cells via paracrine and autocrine loops of stimulation. Recently, new roles have been attributed to the FGF/FGFR system in the complex cross-talk existing among different cell populations that are present in the tumor microenvironment. Moreover, FGF/FGFR signaling has been associated with other cancer hallmarks such as stemness, invasiveness, metabolic rewiring, and resistance to therapies.

Even though the characterization of the biological function of the FGF/FGFR system in cancer is proceeding, its diagnostic and therapeutic exploitation is ongoing in preclinical and clinical studies with some promising and other contradictory results.

In an attempt to add new hints and make a “state of the art” point, this Special Issue “FGF/FGFR Signaling Pathway in Cancer” will cover a selection of recent research topics and current review articles in the field of FGF/FGFR biology applied to cancer research.





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Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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