

## Special Issue

# FGF/FGFR Signaling Pathway in Development and Human Diseases

### 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.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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