# Special Issue

# Molecular Insights into the Precision Medicine on Neoplastic Diseases: Challenges, Perspectives and Opportunities

## Message from the Guest Editor

Although precision medicine is very promising, there are still many barriers that hinder the acquisition of new insights. Indeed, pathological mechanisms are the result of several interconnected factors that contribute to the pathogenesis and evolution of a disease. This complexity results in the identification of a specific target that represents only a small piece of a wider mosaic. Moreover, in many diseases, after an initial therapeutic response, patients start to develop resistance to treatment due to the ability of tumor cells to activate new pathways able to escape drugs and uncontrollably proliferate. In quite a few cases, instead, what were considered promising and effective treatments during experimental phases show little or no benefit to patients.

There are many expectations, and there is a high potential for precision medicine in the treatment of many diseases. New advances on molecular mechanisms or pathophysiology are welcome, whereas descriptive or phenomenological studies, as well as papers containing only clinical trials/data, do not fall within the scope of IJMS and cannot be accepted.

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# About the Journal

## Message from the Editor-in-Chief

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