



## Role of p53 Family in Targeted Therapy of Cancers

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Deadline for manuscript  
submissions:

**20 July 2024**

### Message from the Guest Editors

Dear Colleagues,

The p53 family comprises three transcription factors, p53, p63 and p73, that exhibit diverse biological activities. Their main function in normal cells is the maintenance of genome stability and cell homeostasis. However, their tumour suppressor function is abrogated in the majority of cancer cells due to mutations or altered expression of specific isoforms. p53 family isoforms form homotetramers or heterotetramers and this can change the function of canonical p53 proteins, thus influencing the p53 signalling pathway, causing cancer progression or even resistance to therapy. Accordingly, many p53 family members/isoforms are shown to be the modulators of acquired resistance to targeted cancer therapy.

This Special Issue focuses on the role of the p53 family members in cancer therapy, their function as modulators of the therapy response and their potential as predictive or prognostic markers as well as therapeutic targets.

This special issue is supervised by Dr. Ignacija Vlasic and Dr. Neda Slade, and assisted by our Topical Advisory Panel Member Dr. Anđela Horvat (Ruđer Bošković Institute, Croatia).





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