



The Long Reach of the Retinoblastoma Tumor Suppressor Pathway

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Message from the Guest Editors

Dear Colleagues,

The conventional retinoblastoma tumor suppressor (RB) pathway was defined over 25 years ago. While the subject has been intensely studied and plays a well-established role in cell cycle control, the biological impact of the RB-pathway has continued to expand. Recent studies have illustrated roles for RB in a spectrum of diverse, context-selective biology including cancer lineage states, metabolic programs, and immune responses. These findings have induced a re-appraisal of the mechanisms through which RB functions control gene expression beyond E2F transcription factors. Furthermore, it has become clear that the RB-pathway is a key determinant of tumor progression and therapeutic response. While CDK4/6 inhibitors directly impinge on RB, complex regulatory networks involving the RB-pathway are relevant for therapeutic responses or the emergence of acquired resistance in a number of distinct contexts.

This Special Issue explores new findings related to the breadth of the RB-pathway in tumor biology and therapy.





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Message from the Editor-in-Chief

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