



Checkpoint Responses in Cancer Therapy

By Wei Dai

Springer-Verlag GmbH Jun 2008, 2008. Buch. Condition: Neu. Neuware - Extensive research has uncovered a set of molecular surveillance mechanisms - commonly called 'checkpoints' - which tightly monitor cell-cycle processes. Today's anticancer drug development has identified many of these cell-cycle checkpoint molecules as effective targets. Research now promises to uncover a new generation of anticancer drugs with improved therapeutic indices based on their ability to target emerging checkpoint components. Checkpoint Responses in Cancer Therapy summarizes the advances made over the past 20 years, identifying components of cell-cycle checkpoints and their molecular regulation during checkpoint activation and validating the use of checkpoint proteins as targets for the development of anticancer drugs. This book's distinguished panel of authors takes a close look at topics ranging from the major molecular players affecting DNA synthesis and the response to DNA damage to advances made in the identification of chemical compounds capable of inhibiting individual mitotic kinases. Illuminating and authoritative, Checkpoint Responses in Cancer Therapy offers a critical summary of findings for researchers in the pharmaceutical and biotechnology industries and a valuable resource for academic scientists in cancer research and the study of cell-cycle regulation, signal transduction and apoptosis. 314 pp. Englisch.



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Reviews

It is an awesome publication which i actually have ever read through. it had been writtern really properly and valuable. I found out this book from my i and dad recommended this pdf to discover.

-- Doyle Schmeler

This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Brennan Koelpin