



mTOR Pathway and mTOR Inhibitors in Cancer Therapy (Hardback)

By -

Humana Press Inc., United States, 2010. Hardback. Condition: New. 2010 ed.. Language: English . Brand New Book. The main objective of this book is to provide an up-to-date survey of the rapidly advancing field of cancer therapy. Moreover, since our knowledge in this area rapidly evolves, some data have got obsolete during the process of book editing. Our understanding of the mechanisms involved in cancer genesis and progression underwent unprecedented expansion during the last decade, opening a new era of cancer treatment - targeted therapy. The surge in this area results in no small part from studies conducted jointly by basic health scientists and clinical investigators. It is our hope that this book will help foster even further collaboration between investigators in these two disciplines. The target of rapamycin (TOR) was first identified in *Saccharomyces cerevisiae* and subsequently in mammals (mTOR) as a conserved atypical serine/threonine kinase. In mammalian cells, mTOR exists in at least two multi-protein complexes that have critical roles in regulating cellular homeostasis and survival. As with many other areas of science, discovery of TOR signaling was fortuitous. Rapamycin was isolated as a product of the soil bacteria *Streptomyces hygroscopicus*, identified in a soil sample...

DOWNLOAD



READ ONLINE
[6.63 MB]

Reviews

It is one of the most popular ebooks. It usually fails to price an excessive amount of. It has been printed in an extremely basic way in fact it is merely right after I finished reading through this book in which really altered me, change the way I believe.

-- **Sigrid Brown**

Absolutely one of the best pdfs we have ever read. I really could comprehend every little thing using this written ebook. I am easily could get a satisfaction of reading a written publication.

-- **Dr. Odie Hamill**