

DNA Topoisomerases in Cancer Therapy

Filesize: 5.51 MB

Reviews

This is the very best publication i actually have read until now. It really is packed with knowledge and wisdom I am happy to let you know that this is the very best publication i actually have read in my very own existence and could be he greatest pdf for ever. (Dr. Nelda Schuppe)

DNA TOPOISOMERASES IN CANCER THERAPY



To read **DNA Topoisomerases in Cancer Therapy** eBook, make sure you refer to the button below and save the document or gain access to additional information that are have conjunction with DNA TOPOISOMERASES IN CANCER THERAPY ebook.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Present and Future | In the mid 80's type I and II enzymes were found to be the intracellular targets of a number of efficacious anticancer drugs such as doxorubicin, mitoxantrone, etoposide and camptothecin as a result of a continued efforts of many investigators, especially Leroy Liu and his collaborators at Johns Hopkins University. Readers will find a series of chapters written by researchers actively engaged in the expanding field of topoisomerase and their inhibitors. The series of chapters cover review articles on pharmacology and the molecular mechanism of topoisomerase I- and II-targeting anticancer drugs in mammals and in the yeast Saccharomyces cerevisiae, which has proved to be a superb model organism for studies of anticancer drugs. This volume compiles up-to-date information on the topoisomerase-targeting compounds in clinical and preclinical development as a useful and important reference book for students and researchers in the field of pharmacology, toxicology, oncology and molecular biology. | Contributors. Preface. 1: Reflections on an accidental discovery; J.C. Wang. 1. A hectic year in the late 1960s. 2. An accidental finding. 3. A new enzyme. 4. An enzyme in search of a name. 5. A discovery missed? Postscripts. References. 2: Pharmacology of topoisomerase inhibitors; Y. Sasaki. 1. Introduction. References. 3: Mechanisms of topoisomerase I inhibition by anticancer drugs; Y. Pommier, J. Barceló, T. Furuta, H. Takemura, O. Sordet. 1. Introduction. 2. Molecular model for top1 inhibition: misalignment of the 5'-hydroxyl end of the cleaved DNA. 3. Cellular lesions induced by top1 cleavage complex. 4. Repair of top1 covalent complexes. 5. Molecular pathways implicated in the cellular responses to top1 cleavage complexes; determinants of response and resistance with potential clinical relevance. 6. Apoptotic response to top1 poisoning: balance between cell death and survival. References. 4: Mechanism of action of topoisomerase...

- Read DNA Topoisomerases in Cancer Therapy Online
- Download PDF DNA Topoisomerases in Cancer Therapy
- Download ePUB DNA Topoisomerases in Cancer Therapy

Other Books

	_		
	_	_	

[PDF] Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)

Click the hyperlink listed below to download "Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)" PDF document. Read Book »

_	

[PDF] DK Readers The Story of Muhammad Ali Level 4 Proficient Readers Click the hyperlink listed below to download "DK Readers The Story of Muhammad Ali Level 4 Proficient Readers" PDF document. Read Book »

[PDF] DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks

Click the hyperlink listed below to download "DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks" PDF document.

Read Book »

[PDF] DK Readers Robin Hood Level 4 Proficient Readers

Click the hyperlink listed below to download "DK Readers Robin Hood Level 4 Proficient Readers" PDF document.

Read Book »

[PDF] DK Readers Flying Ace, The Story of Amelia Earhart Level 4 Proficient Readers

Click the hyperlink listed below to download "DK Readers Flying Ace, The Story of Amelia Earhart Level 4 Proficient Readers" PDF document.

Read Book »

[PDF] DK Reader Level 4 Extreme Machines DK READERS

Click the hyperlink listed below to download "DK Reader Level 4 Extreme Machines DK READERS" PDF document.

Read Book »

PDF	[PDF] Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 Children's Literature 2004(Chinese Edition) Follow the hyperlink listed below to download and read "Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 Children's Literature 2004(Chinese Edition)" file. Read ePub »
PDF	[PDF] Computer Q & A 98 wit - the challenge wit king(Chinese Edition) Follow the hyperlink listed below to download and read "Computer Q & A 98 wit - the challenge wit king(Chinese Edition)" file. Read ePub »
PDF	[PDF] The Mystery of God s Evidence They Don t Want You to Know of (Paperback) Follow the hyperlink listed below to download and read "The Mystery of God s Evidence They Don t Want You to Know of (Paperback)" file. Read ePub »
PDF	[PDF] Comic Maths: Sue: Fantasy-Based Learning for 4, 5 and 6 Year Olds (Paperback) Follow the hyperlink listed below to download and read "Comic Maths: Sue: Fantasy-Based Learning for 4, 5 and 6 Year Olds (Paperback)" file. Read ePub »
PDF	[PDF] A Parent s Guide to STEM (Paperback) Follow the hyperlink listed below to download and read "A Parent s Guide to STEM (Paperback)" file. Read ePub »
PDF	[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee (Paperback) Follow the hyperlink listed below to download and read "Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee (Paperback)" file. Read ePub »