

# Untangling The Double Helix: DNA Entanglement And The Action Of The DNA Topoisomerases By James C. Wang

By James C. Wang

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is a fundamental property of the DNA double helix , James C. Wang; Untangling the Double Helix: DNA Entanglement and the Action of the DNA Topoisomerases.

<http://www.sciencedirect.com/science/article/pii/S0300908412003124>

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E. coli has four DNA topoisomerases: Wang James C. Untangling the Double Helix: DNA Entanglement and the Action of the DNA Topoisomerases.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3070380/>

## **Book review: The Double Helix | DNAcoil.com -**

were a major inspirational source for the construction of the double helix in DNA. Untangling the Hairball by O Donoghue (ICSB13)

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James C. Wang (2009) Untangling the Double Helix: DNA Entanglement and the Action of the DNA Topoisomerases; 0879698799; Cold Spring Harbor Laboratory Press

<http://www.researchbooks.org/0879698799/UNTANGLING-DOUBLE-HELIX-ENTANGLEMENT-ACTION/>

**' Untangling the Double Helix' [image] | -**

The cover of "Untangling the Double Helix" shows the prominent association of a DNA topoisomerase with the X-Y chromosome pair during meiosis in a mouse testis cell

<http://www.eurekaalert.org/multimedia/pub/13516.php>

**Cellular roles of DNA topoisomerases: a molecular -**

Cellular roles of DNA topoisomerases: require the catalytic action of one or more DNA topoisomerases. Wang, J. C. Moving one DNA double helix through

<http://www.nature.com/articles/nrm831>

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**New Mechanistic and Functional Insights into DNA -**

New Mechanistic and Functional Insights into DNA Topoisomerases problems of DNA entanglement that occur Wang JC. 1998. Moving one DNA double helix through

<http://www.annualreviews.org/doi/full/10.1146/annurev-biochem-061809-100002>

**Doing Magic with DNA - Science -**

Untangling the Double Helix DNA Entanglement and the Action of the DNA Topoisomerases by James C. Wang Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY

<http://www.sciencemag.org/content/325/5948/1626.1.short>

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James C. Wang was the first to A type I topoisomerase cuts one strand of a DNA double Untangling the Double Helix. DNA Entanglement and the Action of the

<http://www.digplanet.com/wiki/Topoisomerase>

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Untangling the Double Helix: DNA Entanglement and the Action of the DNA Topoisomerases [Paperback] [2009] (Author) James C. Wang on Amazon.com. \*FREE\* shipping on

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2009. Pris 407 kr. K p Untangling the Double Helix duplication of DNA was recognized shortly after the proposal of the DNA double helix structure

<http://www.bokus.com/bok/9780879698799/untangling-the-double-helix/>

**Topoisomerase - Wikipedia, the free encyclopedia -**

James C. Wang was the first to discover a topoisomerase when he Untangling the Double Helix. DNA Entanglement and the Action of the DNA Topoisomerases,

<http://en.wikipedia.org/wiki/Topoisomerase>

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<http://dictionary.sensagent.com/Topoisomerase/en-en/>

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problems caused by the double helix, topoisomerases bind to either single-stranded or double-stranded DNA and cut the Topoisomerases are isomerase enzymes

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### **New book, ' Untangling the Double Helix,' explores -**

and Molecular Biology James C. Wang. Wang has written The book, entitled Untangling the Double Helix, subfamilies of DNA topoisomerases,

[http://www.geneticstimes.com/research/New\\_book\\_Untangling\\_the\\_Double\\_Helix\\_explores\\_enzymes\\_responsible\\_for\\_maintaining\\_genome\\_integrity.asp](http://www.geneticstimes.com/research/New_book_Untangling_the_Double_Helix_explores_enzymes_responsible_for_maintaining_genome_integrity.asp)

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