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Double Helix

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The Double Helix: A Personal Account of the Discovery of the Structure of DNA. James D. Watson. Atheneum, 1980 - Science - 226 pages. 19 Reviews. Since its publication in 1968, The Double Helix has given countless readers a rare and exciting look at one highly significant piece of scientific research- Watson and Crick's race to discover the ...

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The classic personal account of Watson and Crick's groundbreaking discovery of the structure of DNA, now with an introduction by Sylvia Nasar, author of A Beautiful Mind. By identifying the structure of DNA, the molecule of life, Francis Crick and James Watson revolutionized biochemistry and won themselves a Nobel Prize. At the time, Watson was only twenty-four, a young scientist hungry to ...

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The Double Helix A Personal Account of the Discovery of the Structure of DNA Watson, James D. Published by Penguin Books, Harmondsworth, Middlesex, England (1986)

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Short, interesting, personal and important but also sexist, biased, & according to Crick "a. ¶In the end, though, science is what matters; scientists not a bit.¶. ¶ Steve Jones in, James D. Watson's The Double Helix. I gave it three stars last night (DNA night, thanks Riku), but that just didn't seem right.

~~The Double Helix by James D. Watson — Goodreads~~

An amazingly frank, and admittedly personal, perspective on the discovery of the double helix and the events that led up to it. For the serious students of science and biology, the book provides great insight into the options, challenges, iterations, frustrations, subterfuge and competition involved in a race among

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some of the great scientists of the time (many of whom were to receive the Nobel). Stent

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The Double Helix: A Personal Account of the Discovery of the Structure of DNA is an autobiographical account of the discovery of the double helix structure of DNA written by James D. Watson and published in 1968. It has earned both critical and public praise, along with continuing controversy about credit for the Nobel award and attitudes towards female scientists at the time of the discovery.

~~The Double Helix - Wikipedia~~

The Double Helix: A Personal Account of the Discovery of the Structure of DNA: 0 (Norton Critical Editions) by Watson, James D.; Stent, Gunther S. at AbeBooks.co.uk - ISBN 10: 0393950751 - ISBN 13: 9780393950755 - W. W. Norton & Company - 1980 - Softcover

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The Double Helix: A personal account of the discovery of the structure of DNA. We appreciate the impact a good book can have. We all like the idea of saving a bit of cash, so when we found out how many good quality used books are out there - we just had to let you know!

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The Double Helix: A Personal Account of the Discovery of the Structure of DNA (Scribner Classics) by Watson, James D. at AbeBooks.co.uk - ISBN 10: 0684852799 - ISBN 13: 9780684852799 - Prentice Hall & IBD - 1998 - Hardcover

In his 1968 memoir, *The Double Helix* (Readers Union, 1969), the brash young scientist James Watson chronicled the drama of the race to identify the structure of DNA, a discovery that would usher in the era of modern molecular biology. After half a century, the implications of the double helix keep rippling outward; the tools of molecular biology have forever transformed the life sciences and medicine. The *Annotated and Illustrated Double Helix* adds new richness to the account of the momentous events that led the charge.

The classic personal account of Watson and Crick's groundbreaking discovery of the structure of DNA, now with an introduction by Sylvia Nasar, author of *A Beautiful Mind*. By identifying the structure of

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DNA, the molecule of life, Francis Crick and James Watson revolutionized biochemistry and won themselves a Nobel Prize. At the time, Watson was only twenty-four, a young scientist hungry to make his mark. His uncompromisingly honest account of the heady days of their thrilling sprint against other world-class researchers to solve one of science's greatest mysteries gives a dazzlingly clear picture of a world of brilliant scientists with great gifts, very human ambitions, and bitter rivalries. With humility unspoiled by false modesty, Watson relates his and Crick's desperate efforts to beat Linus Pauling to the Holy Grail of life sciences, the identification of the basic building block of life. Never has a scientist been so truthful in capturing in words the flavor of his work.

Now completely up-to-date with the latest research advances, the Seventh Edition retains the distinctive character of earlier editions. Twenty-two concise chapters, co-authored by six highly distinguished biologists, provide current, authoritative coverage of an exciting, fast-changing discipline.

An authoritative history of the race to unravel DNA's structure, by one of our most prominent medical historians. James Watson and Francis Crick's 1953 discovery of the double helix structure of DNA is the foundation of virtually every advance in our modern understanding of genetics and molecular biology. But how did Watson and Crick do it--and why were they the ones who succeeded? In truth, the discovery of DNA's structure is the story of five towering minds in pursuit of the advancement of science, and for almost all of them, the prospect of fame and immortality: Watson, Crick, Rosalind Franklin, Maurice Wilkins, and Linus Pauling. Each was fascinating and brilliant, with strong personalities that often clashed. Howard Markel skillfully re-creates the intense intellectual journey, and fraught personal relationships, that ultimately led to a spectacular breakthrough. But it is Rosalind

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Franklin--fiercely determined, relentless, and an outsider at Cambridge and the University of London in the 1950s, as the lone Jewish woman among young male scientists--who becomes a focal point for Markel. *The Secret of Life* is a story of genius and perseverance, but also a saga of cronyism, misogyny, anti-Semitism, and misconduct. Drawing on voluminous archival research, including interviews with James Watson and with Franklin's sister, Jenifer Glynn, Markel provides a fascinating look at how science is done, how reputations are undone, and how history is written, and revised. A vibrant evocation of Cambridge in the 1950s, Markel also provides colorful depictions of Watson and Crick--their competitiveness, idiosyncrasies, and youthful immaturity--and compelling portraits of Wilkins, Pauling, and most cogently, Rosalind Franklin. *The Secret of Life* is a lively and sweeping narrative of this landmark discovery, one that finally gives the woman at the center of this drama her due.

Unraveling the Double Helix covers the most colorful period in the history of DNA, from the discovery of "nuclein" in the late 1860s to the publication of James Watson's *The Double Helix* in 1968. These hundred years included the establishment of the Nobel Prize, antibiotics, x-ray crystallography, the atom bomb and two devastating world wars—events which are strung along the thread of DNA like beads on a necklace. The story of DNA is a saga packed with awful mistakes as well as brilliant science, with a wonderful cast of heroes and villains. Surprisingly, much of it is unfamiliar. The elucidation of the double helix was one of the most brilliant gems of twentieth century science, but some of the scientists who paved the way have been airbrushed out of history. James Watson and Francis Crick solved a magnificent mystery, but Gareth Williams shows that their contribution was the last few pieces of a gigantic jigsaw puzzle assembled over several decades. The book is comprehensive in scope, covering

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the first century of the history of DNA in its entirety, including the eight decades that have been neglected by other authors. It also explores the personalities of the main players, the impact of their entanglement with DNA, and what unique qualities make great scientists tick.

In 1953 Watson and Crick discovered the double helical structure of DNA and Watson's personal account of the discovery, *The Double Helix*, was published in 1968. *Genes, Girls and Gamow* is also autobiographical, covering the period from when *The Double Helix* ends, in 1953, to a few years later, and ending with a Postscript bringing the story up to date. Here is Watson adjusting to new-found fame, carrying out tantalizing experiments on the role of RNA in biology, and falling in love. The book is enlivened with copies of handwritten letters from the larger than life character George Gamow, who had made significant contributions to physics but became intrigued by genes, RNA and the elusive genetic code. This is a tale of heartbreak, scientific excitement and ambition, laced with travelogue and '50s atmosphere.

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world of brilliant scientists with great gifts, very human ambitions, and bitter rivalries. With humility unspoiled by false modesty, Watson relates his and Crick's desperate efforts to beat Linus Pauling to the Holy Grail of life sciences, the identification of the basic building block of life. Never has a scientist been so truthful in capturing in words the flavor of his work.

This unique look at the study of DNA goes beyond the science and explores the lives of four great scientists: James Watson, Francis Crick, Maurice Wilkins, and Rosalind Franklin. It was through their complex personal interactions and their devotion to the science that led to breakthroughs surrounding the structure of DNA and our modern understanding of genetics. Readers can learn that science is not about one individual and his or her discoveries, but is the work of many. Numerous scientific breakthroughs can be attributed to competition and rivalry.

Candid, provocative, and disarming, this is the widely-praised memoir of the co-discoverer of the double helix of DNA.

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