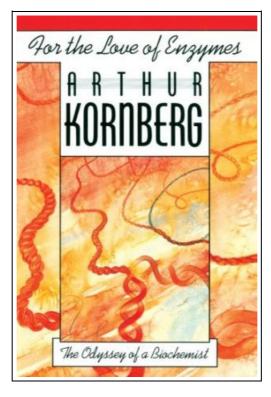
# For the Love of Enzymes: The Odyssey of a Biochemist



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## Reviews

A really awesome pdf with lucid and perfect information. It is loaded with wisdom and knowledge I am just effortlessly could get a satisfaction of reading a composed book.

(Claudine Jerde)

#### FOR THE LOVE OF ENZYMES: THE ODYSSEY OF A BIOCHEMIST



Harvard University Press. Paperback. Book Condition: New. Paperback. 352 pages. Dimensions: 9.0in. x 6.0in. x 0.9in.ln 1645 the Japanese samurai Musashi Miamoto wrote A Book of Five Rings, which described the attitudes necessary for individual success. Though he was a swordsman, his book was not limited to combat but addressed the much broader question of how to achieve excellence in life through study, discipline, and planning. It is still avidly read in Japan today. Arthur Kornbergs book is a modern-day Book of Five Rings that replaces the medium of swordsmanship with that of biochemistry, particularly enzymology. As Kornberg describes his successive research problems, the challenges they presented, and the ultimate accomplishments that resulted, he provides us with a primer in the strategies needed to do scientific work of great significance. Moreover, these strategies are played out in the context of solving some of the great biochemical problems of the twentieth century. The ability to manipulate and alter DNA fired a revolution that forever changed the nature of biology. Arthur Kornberg is a primary architect of that revolution, arguably one of the two or three most important biologists of this time. Prior to Kornberg, genetic information and later DNA were imbued by biologists with an almost vitalistic aura. Kornberg demonstrated that DNA is a molecule synthesized by enzymes, like all other chemical constituents of the cell. More important, he trained a school of scientists who focused on and discovered many of the enzymatic activities that act on DNA. It is these enzymes in particular that allow modern genetic engineering. For the Love of Enzymes does not describe a single lucky or hard-won accomplishment. Rather, it is the story of thirty years of decisive campaigns, nearly all of which led to insights of major significance. In relating his story, Kornberg never avoids...



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