

# Contents

Foreword	9
----------	---

PART I	<i>DNA • Function and Structure: the elucidation of the structure of deoxyribonucleic acid, the genetic material</i>
--------	--

CHAPTER 1	"He was a very remarkable fellow. Even more odd then, than later."	19
-----------	--	----

CHAPTER 2	"DNA, you know, is Midas' gold. Everybody who touches it goes mad."	70
-----------	---	----

CHAPTER 3	"Then they ask you, 'What is the significance of DNA for mankind, Dr. Watson?' "	147
-----------	--	-----

EXHIBIT	"Molecular Structure of Nucleic Acids: A Structure for Deoxyribose Nucleic Acid," by J. D. Watson and F. H. C. Crick. <i>Nature</i> , vol. 171 (25 April 1953), pages 737-738	196
---------	---	-----

## INTERLUDE

CHAPTER 4	On T. H. Morgan's Deviation and the Secret of Life	201
-----------	--	-----

PART II	<i>RNA • The Functions of the Structure: the breaking of the genetic code, the discovery of the messenger</i>
---------	---

CHAPTER 5	"The number of the beast"	225
-----------	---------------------------	-----

CHAPTER 6	"My mind was, that a dogma was an idea for which there was <i>no reasonable evidence!</i> You see?"	285
-----------	---	-----

8 • *The Eighth Day of Creation*

CHAPTER 7 "The gene was something in the minds of people as inaccessible as the material of the galaxies."

34

CHAPTER 8 "He wasn't a member of the club."

44

PART III *PROTEIN • Structure and Function: the solution of how protein molecules work*

CHAPTER 9 "As always, I was driven on by wild expectations."

49

CHAPTER 10 "I have discovered the second secret of life."

56

AFTERWORD "Always the same impasse"

60

APPENDIX A Postcard from Mount Fourier

61

NOTES

61

INDEX

67