

Contents

Foreword	9	
PART I	DNA • Function and Structure: the elucidation of the structure of deoxyribonucleic acid, the genetic material	
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	RNA • The Functions of the Structure: the breaking of the genetic code, the discovery of the messenger	
CHAPTER 5	"The number of the beast"	225
CHAPTER 6	"My mind was, that a dogma was an idea for which there was no reasonable evidence! 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