

1. Record Nr.	UNINA9910455133003321
Autore	Bishop J. Michael <1936->
Titolo	How to win the Nobel Prize [[electronic resource]] : an unexpected life in science. // J. Michael Bishop
Pubbl/distr/stampa	Cambridge, MA ; ; London, : Harvard University Press, 2004
ISBN	0-674-02097-9
Edizione	[1st Harvard University Press pbk. ed.]
Descrizione fisica	xiii, 271 p. : ill
Collana	The Jerusalem-Harvard lectures
Disciplina	610.92
Soggetti	Medical scientists - United States Oncogenes Nobel Prizes Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- List of Illustrations -- Preface -- 1. The Phone Call -- 2. Accidental Scientist -- 3. People and Pestilence -- 4. Opening the Black Box of Cancer -- 5. Paradoxical Strife -- Notes -- Credits -- Index
Sommario/riassunto	In 1989 Michael Bishop and Harold Varmus were awarded the Nobel Prize for their discovery that normal genes under certain conditions can cause cancer. In this book, Bishop tells us how he and Varmus made their momentous discovery. More than a lively account of the making of a brilliant scientist, How to Win the Nobel Prize is also a broader narrative combining two major and intertwined strands of medical history: the long and ongoing struggles to control infectious diseases and to find and attack the causes of cancer. Alongside his own story, that of a youthful humanist evolving into an ambivalent medical student, an accidental microbiologist, and finally a world-class researcher, Bishop gives us a fast-paced and engrossing tale of the microbe hunters. It is a narrative enlivened by vivid anecdotes about our deadliest microbial enemies--the Black Death, cholera, syphilis, tuberculosis, malaria, smallpox, HIV--and by biographical sketches of the scientists who led the fight against these scourges. Bishop then provides an introduction for nonscientists to the molecular

underpinnings of cancer and concludes with an analysis of many of today's most important science-related controversies--ranging from stem cell research to the attack on evolution to scientific misconduct. How to Win the Nobel Prize affords us the pleasure of hearing about science from a brilliant practitioner who is a humanist at heart. Bishop's perspective will be valued by anyone interested in biomedical research and in the past, present, and future of the battle against cancer.
