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Autore	Holmes Frederic Lawrence
Titolo	Reconceiving the gene [[electronic resource] ] : Seymour Benzer's adventures in phage genetics // Frederic Lawrence Holmes ; edited by William C. Summers
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Descrizione fisica	1 online resource (352 p.)
Altri autori (Persone)	SummersWilliam C
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Nota di bibliografia	Includes bibliographical references (p. [303]-329) and index.
Nota di contenuto	Classical mendelian genetics -- Genetics and the phage biologists -- The physicist becomes a phage biologist -- To Paris and back -- Teaching and research at Purdue -- Entering the rII region -- Crossing into the fine structure -- Is gene a dirty word? -- The survival of the "gene".
Sommario/riassunto	This book relates how, between 1954 and 1961, the biologist Seymour Benzer mapped the fine structure of the rII region of the genome of the bacterial virus known as phage T4. Benzer's accomplishments are widely recognized as a tipping point in mid-twentieth-century molecular biology when the nature of the gene was recast in molecular terms. More often than any other individual, he is considered to have led geneticists from the classical gene into the molecular age. Drawing on Benzer's remarkably complete record of his experiments, his correspondence, and published sources, this book reconstructs how the former physicist initiated his work in phage biology and achieved his landmark investigation. The account of Benzer's creativity as a researcher is a fascinating story that also reveals intriguing aspects

common to the scientific enterprise.

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