1.	Record Nr.	UNINA9910144668403321
	Titolo	Mutation as cellular process [[electronic resource]] : a Ciba Foundation symposium / / edited by G.E.W. Wolstenholme and Maeve O'Connor
	Pubbl/distr/stampa	London, : J. & A. Churchill Ltd., 1969
	ISBN	1-280-58848-9
		9786613618313
		0-470-71971-0
		0-470-71734-3
	Descrizione fisica	1 online resource (258 p.)
	Collana	Novartis Foundation Symposia ; ; v.996
	Altri autori (Persone)	WolstenholmeG. E. W (Gordon Ethelbert Ward)
		O'ConnorMaeve
	Disciplina	575.2/92
		575.292
	Soggetti	Mutagenesis
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"With 48 illustrations"--T.p. verso.
	Nota di bibliografia	Includes bibliographical references and indexes.
	Nota di contenuto	MUTATION AS CELLULAR PROCESS; Contents; Chairman's opening remarks; Influence of the host on the induction and expression of mutations in phage kappa; Discussion; Influence of cellular physiology on the realization of mutations-results and prospects; Discussion; Enhancement and diminution of ultraviolet-light- initiated mutagenesis by post-treatment with caffeine in Escherichia coli; Allele-specific responses t o factors that modify U.V. mutagenesis; Discussion; Analysis of a case of mutagen specificity in Neurospora crassa; Discussion
		Repair of latent T5-resistant mutants in chemostat culturesDiscussion; General Discussion; The nature and influence of ultraviolet and hydroxylamine lesions in nucleic acids and the enzymic repair of the former; Discussion; Nature of alkylation lesions and their repair: significance for ideas on mutagenesis; Discussion; The effect of ribosome alterations on ribosome function, and on expression of ribosome and non- ribosome mutations; Discussion; Aspects of modification of nucleic acids in mutational processes; Discussion;