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Descrizione fisica	1 online resource (384 p.)
Collana	Ciba Foundation symposium
Altri autori (Persone)	WolstenholmeG. E. W (Gordon Ethelbert Ward) O'ConnorCecilia M <1927-> (Cecilia Mary)
Disciplina	600
Soggetti	Drug resistance in microorganisms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	DRUG RESISTANCE IN MICRO-ORGANISMS; CONTENTS; Chairman's opening remarks; Aspects of the problem of drug resistance in bacteria; Discussion; Indirect selection and origin of resistance; Discussion; Genetic aspects of drug resistance; Discussion; Inheritance in single bacterial cells; Discussion; Penicillin-induced resistance to penicillin in cultures of <i>Bacillus cereus</i> ; Discussion; Directed hereditary changes of fermentative properties of yeast by a specific substrate; Discussion; Multiple mechanisms of acquired drug resistance; Discussion Physiological (phenotypic) mechanisms responsible for drug resistanceDiscussion; Genetic and metabolic mechanisms underlying multiple levels of sulphonamide resistance in pneumococci; Discussion; The phenotypic expression of genes determining various types of drug resistance following their inheritance by sensitive bacteria; Discussion; Specific polyhydroxy compounds as cofactors of enzymic adaptation and its inheritance; Discussion; Development of resistance to streptomycin in <i>Serratia marcescens</i> ; Discussion Distribution of drug-resistant individuals in cultures of <i>Mycobacterium</i>

tuberculosisDiscussion; Physiological adaptation of bacteria to antibiotics; Discussion; Drug resistance of staphylococci with special reference to penicillinase production; Discussion; On the identification of genetic and non-genetic variation in bacteria; Discussion; The reactions of the mutagenic alkylating agents with proteins and nucleic acids; Discussion; Genetics of two different mechanisms of resistance to colicins: resistance by loss of specific receptors and immunity by transfer of colicinogenic factors

DiscussionGeneral Discussion; Chairman's closing remarks

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