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Collana	Ciba Foundation symposium
Altri autori (Persone)	WolstenholmeG. E. W (Gordon Ethelbert Ward) O'ConnorCecilia M <1927-> (Cecilia Mary)
Disciplina	615.1
Soggetti	Drug resistance in microorganisms
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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 Bacillus cereus; 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 *Serratia marcescens*; Discussion
Distribution of drug-resistant individuals in cultures of *Mycobacterium tuberculosis* Discussion; 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
Discussion General Discussion; Chairman's closing remarks

Sommario/riassunto

The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.
