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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; Relationships between recombination and mutation; Discussion

General Discussion  
Observed mutation frequency in mice and the chain  
of processes affecting it; Discussion; Final Discussion; Author index;  
Subject index

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