



Mechanisms of DNA Damage and Repair

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Book Condition: New. Publisher/Verlag: Springer, Berlin | Implications for Carcinogenesis and Risk Assessment | This book is based on the papers presented at the conference on "Mechanisms of DNA Damage and Repair: Implications for Carcinogenesis and Risk Assessment," held at the National Bureau of Standards on June 2-7, 1985. This volume deals with mechanisms of DNA damage and repair at the molecular level; consequences of unrepaired or misrepaired damage, with major emphasis on carcinogenesis; drugs which bind selectively to altered and potentially damaging DNA sequences; and potential utilization of DNA damage as an endpoint for assessing risks of UV light, ionizing radiations, chemicals, drugs, and hazardous agents in foods. Because the induction of mutations by radiation and genotoxic chemicals has been observed to follow one-hit kinetics in some instances, it is generally assumed that any level of exposure to a DNA-damaging agent may increase the risk of genetic disease or cancer in an exposed population. At the same time, however, there is evidence that although the DNA of living cells is continually damaged by natural background radiation, free radicals, and other naturally occurring processes, most of the damage is normally repaired. | to Mechanisms of DNA Damage and Repair....



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It is one of the most popular publications. It is actually written in easy words instead of confusing. You will like how the author created this book.
-- Art Gislason

This book is really gripping and fascinating. Of course, it is actually playful, nonetheless an interesting and amazing literature. You will not feel monotony at anytime of the time (that's what catalogs are for about if you request me).
-- Delbert Gleason