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Altri autori (Persone)	GeacintovNicholas E BroydeSuse
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Chemistry and biology of DNA lesions -- pt. 2 New frontiers and challenges : understanding structure-function relationships and biological activity.
Sommario/riassunto	Bringing the power of biochemical analysis to toxicology, this modern reference explains genotoxicity at the molecular level, showing the links between a DNA lesion and the resulting cellular or organismic response. Clearly divided into two main sections, Part 1 focuses on selected examples of important DNA lesions and their biological impact, while the second part covers current advances in assessing and predicting the genotoxic effects of chemicals, taking into account the biological responses mediated by the DNA repair, replication and transcription machineries. A ready reference for bio