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Sommario/riassunto	DNA is the most important biomolecule ever discovered. Indeed, this molecule bears genetic information from one generation to another. In this regard, DNA bases have a key role in transferring genetic information and data safely. However, there are cellular, genetic, and environmental factors that may damage the different parts of DNA molecules. These damages may result in mutations and cell death. As such, several DNA repair mechanisms have evolved. Over three sections, this book examines many of these mechanisms.