

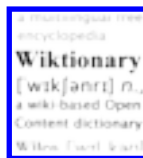
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# Genotoxic

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**Genotoxic** substances are those [chemical compounds](#) capable of causing [genetic mutation](#) and of contributing to the development of [tumors](#). [Radiation](#) is also considered to be genotoxic.



Look up [Genotoxic](#) in [Wiktionary](#), the free dictionary.

Typical genotoxins like [aromatic amines](#) are believed to cause mutations because they are [electrophilic](#) and form strong [covalent bonds](#) with [DNA](#), preventing accurate replication.

## [\[edit\]](#) References

- [Environ Health Perspect 104\(Suppl 6\):1219-1225 \(1996\)](#) - The Mechanism of Benzene-induced Leukemia: A Hypothesis and Speculations on the Causes of Leukemia

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