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Aflatoxin Cause DNA Damage

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ABSTRACT Aflatoxins are food-borne secondary toxic fungal metabolites produced during the growth of *Aspergillus flavus* and *A. parasiticus*. Aflatoxins are well known hepatotoxic, hepatocarcinogenic and mutagenic agents. These effects are mainly due to adduct formation with DNA, RNA and protein. In addition, it also causes lipid peroxidation as well as oxidative damage to DNA. AFB1 possess genotoxic potential in a variety of test systems. Other aflatoxin has not been so extensively investigated, but in a variety of studies B2, G1, G2 and M1 have all shown evidence of genotoxicity.

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