MYCOTOXINS: A REVIEW OF TOXICOLOGY, ANALYTICAL METHODS AND HEALTH RISKS
— review —

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Abstract: The present paper focuses on the most important mycotoxins involved in human diseases and on their analysis in foodstuffs. Mycotoxins are metabolites produced by fungi causing acute and chronic adverse effects in humans and animals. The most mycotoxin exposures are chronic generating irreversible effects as cancer or immune suppression, so that mycotoxicoses are sometimes difficult to diagnose. Acute poisoning can be lethal. Some mycotoxins are genotoxic, immunotoxic, allergenic, carcinogenic, mutagenic or teratogenic.

Keywords: mycotoxin, mycotoxicosis, food contamination, fungal species, food safety

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