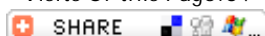




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Research Details :

Research Title	: <u><i>Histopathologic changes in liver and kidney in albino mice feed with aflatoxin M1</i></u> <u><i>Histopathologic changes in liver and kidney in albino mice feed with aflatoxin M1</i></u>
Descriptipn	: The daily oral administration of contaminated milk with AFM1 (0.11ng/0.1ml milk /day) for 6 months caused sever damage in both liver and kidney tissue of albino mice. Histopathological examination of liver tissue of mice feed with M1 revealed that there is a damage in the liver cells presented by apoptosis, appearance of intramuscular inclusion and even necrosis. The histopathological examination of the kidney tissues showed remarkable damage in cells lining the renal tubules with protein precipitation inside these casts and become vacuolated with inflammation in some blood vessels. Addition of vitamin C (0.50 mg /0.1 ml milk /day) caused partially improvement in both liver and kidney tissues. The histopathological changes in liver and kidney tissues in mice feed with M1 indicated the sever toxicity of aflatoxinM1 and the improvement of these changes after the administration of vitamin C, which acts as an antioxidant agent.
Research Type	: Article
Research Year	: 2008
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