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&

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The role of liver CYP1A1 and CYP2E1 enzyme activities and lipid peroxidation level in diabetic rats

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**D**iabetes mellitus is one of the most common metabolic disease in which pancreas no longer produce enough insulin or the body cannot use it efficiently. Many studies have implicated that the increased oxidative stress is associated with the progress of diabetes and diabetic complications. Cytochrome P450 monooxygenases are one of the sources of reactive oxygen species in diabetes and lipid peroxidation may occur as a result of oxidative damage. The increased lipid peroxidation may cause cellular retardation, abnormality of blood coagulation, hypertension and cardiovascular disease in diabetic patients. The expression of CYP450 enzymes may be

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