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## Antioxidants status of stz-induced diabetic rats treated with extract of *Momordica Charantia*

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The present study investigated the effects of *M. charantia* on hyperglycaemia and selected markers of antioxidants activities (which include thiobarbituric acid reactants (TBARS), Catalase, Glutathione, Superoxide Dismutase (SOD), Glutathione Peroxidase (GPx) in streptozotocin-induced diabetic Wistar rats and compared the effects with those of glimepiride, an oral blood-glucose-lowering drug of the sulfonylurea class.

Forty healthy adult Wistar rats of both sexes were randomly assigned into five groups A, B, C, D and E of eight rats each. Group A were the control (normal rats); B were the experimentally-induced diabetic rats; C were diabetic rats treated with methanolic extracts of *M. charantia* for two weeks; D were diabetic rats treated with methanolic extracts of *M. charantia* for four weeks. E was diabetic rats treated glimepiride for four weeks.

Results showed that extract have potent hypoglycaemic effects in diabetic rats and suggested that *M. charantia* could restore to within normal levels, the observed changes in antioxidants markers of diabetic rats and in more potent effect than glimepiride.

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