

## Abstract

A bisquinaldine, 1,6-bis-(6-amino-2-methyl-4-quinolylamino) hexane, was tested against *Trypanosoma brucei* ssp. in goats and against *T. brucei*, *T. congolense* and *T. vivax* in mice. At doses of 25 and 100 mg kg<sup>-1</sup>, the drug protected goats for at least 90 days against blood challenge with *T. brucei* ssp. Fifty to sixty per cent of goats challenged 180 days after treatment were protected, but all goats challenged 270 days after treatment became infected. In mice, bisquinaldine also had a marked effect on *T. brucei*, but only a minimal effect on *T. vivax* and no apparent effect on *T. congolense*. No drug toxicity was noted in mice even at doses of 2000 mg kg<sup>-1</sup>. Both a short-term (25 and 100 mg kg<sup>-1</sup>) and long term (100 mg kg<sup>-1</sup>) toxicity was apparent in goats treated with bisquinaldine.