

## Abstract

The activities of total extracts and lupane triterpenes, isolated from the stem bark of *Acacia mellifera*, were evaluated against *Plasmodium berghei* strain ANKA in a female Swiss mouse model. Five isolated compounds and the crude extracts were evaluated for antimalarial activity and Quinine hydrochloride was used as a positive control. Only betulin and the methanolic extract produced considerable antimalarial activity in mice infected with *P. berghei* parasites. This study demonstrated the presence of bioactive agents in *Acacia mellifera*.