

IL-9

***In vitro* Antiplasmodial Flavonoids from Some Kenyan Papilinoidea Species**

Abiy Yenesew, Solomon Derese, Jacob O. Midiwo

Department of Chemistry, University of Nairobi, P.O. Box 30197-00100, Nairobi, Kenya
E-mail: sderese@uonbi.ac.ke

Phytochemical investigations of the subfamily Papilinoidea (Fabaceae) in the genera *Derris*, *Erythrina*, *Millettia* and *Tephrosia* resulted in the isolation of several novel flavonoids including a new subclass of flavonoids. *In vitro* antiplasmodial activities tests against chloroquine-sensitive (D6) and chloroquine-resistant (W2) strains of *Plasmodium falciparum*, the major parasite that causes malaria in Africa, showed that the flavonoids have good to moderate activities. In this presentation the major highlight of this study will be discussed.