

DETECTING AND QUANTIFYING THE EE STAGES OF *PLASMODIUM VIVAX* AND *PLASMODIUM FALCIPARUM* IN A HUMAN HEPATOCYTE CELL LINE

Russell BM, Jenwithisuk R, Kumpitak C, Udomsangpetch R, Laoboonchai A and Sattabongkot J

The current microscopic methodology for detecting EE stage *Plasmodium vivax* and *Plasmodium falciparum* in human hepatocyte cellines (HC-04) is laborious and prone to human error. A range of quantitative ELIZA (i.e. CSP) and PCR (i.e. Taq) assays have been applied to our EE stage model. The results of these assays will be discussed.

**51st Annual Meeting of the American Society of Tropical Medicine and Hygiene.
Denver, Colorado, USA. 10-14 November 2002.**
