



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_32393
Title of the Manuscript:	A Comparison of Parasitological Techniques (microscopy) and Loop-Mediated Isothermal Amplification (LAMP) of DNA in Diagnosis and Monitoring Treatment of Trypanosoma brucei rhodesiense Infection in Vervet Monkeys (Chlorocebus aethiops)
Type of Article:	

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)		Authors' response to final evaluator's comments
The study has compared the ability of LAMP to detect Trypanosoma in different tissue samples of from infected monkey, in comparison to microscopy. The researchers find that LAMP detects the parasite at an early stage of the disease as compared to microscopy, due to its high sensitivity. The study appears more of an observational study, because it is based on samples collected at various stages from only two monkeys. To perform a proper statistical analysis, at least 3-4 numbers of test subjects should be utilized with proper controls. There was no mentioning of samples collected from healthy monkeys for comparison in the study. Therefore there are concerns about the scientific soundness of the study. However, as an observational study the reported findings could be considered. Further, still there are many grammatical errors throughout the paper. Therefore, I recommend the authors to slowly go through the whole paper again and to focus the discussion for the findings of the reported study only, rather than reporting on already known facts about the LMAP.	The grammatical errors have been corrected and the discussion revised to focus on the findings of the study Samples collected from health monkeys were all negative	