ADDENDUM

1. References in each chapter have been thoroughly checked and formatted uniformly.
2. All the error bars in the graphs throughout the thesis represent SD.
3. Page 99: The figure 8 (c) and (d) represent the densitometric analysis of the protein bands corresponding to the phosphorylated EhMAPK in each of the control and differentially treated *E. histolytica* samples. In each of the treated sample the density is calculated as the percentage of the respective control thereby considering the control to be 100% each time. So, in the three replicates of each set the control band density is always 100% due to which there is no error bar in either of the controls.