Anti-*Acanthamoeba* synergistic effect of chlorhexidine and *Garcinia mangostana* extract or α-mangostin against *A. triangularis* trophozoite and cyst forms

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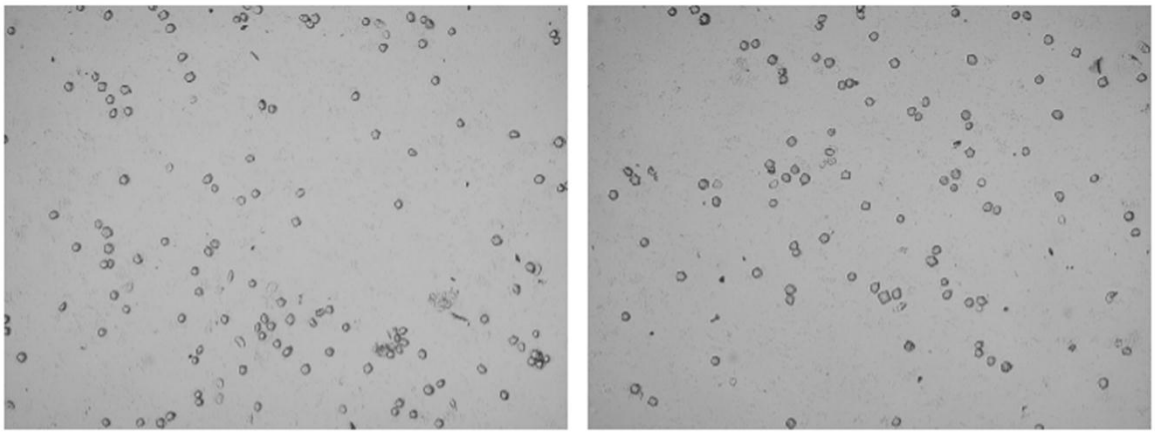
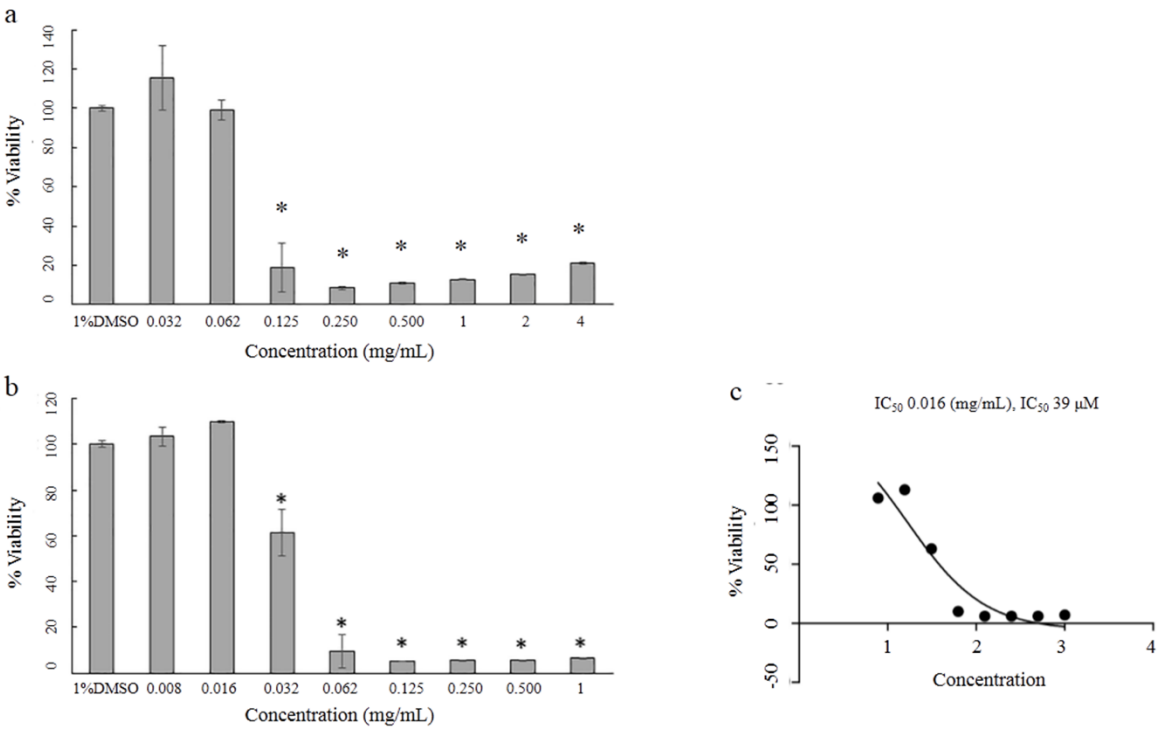
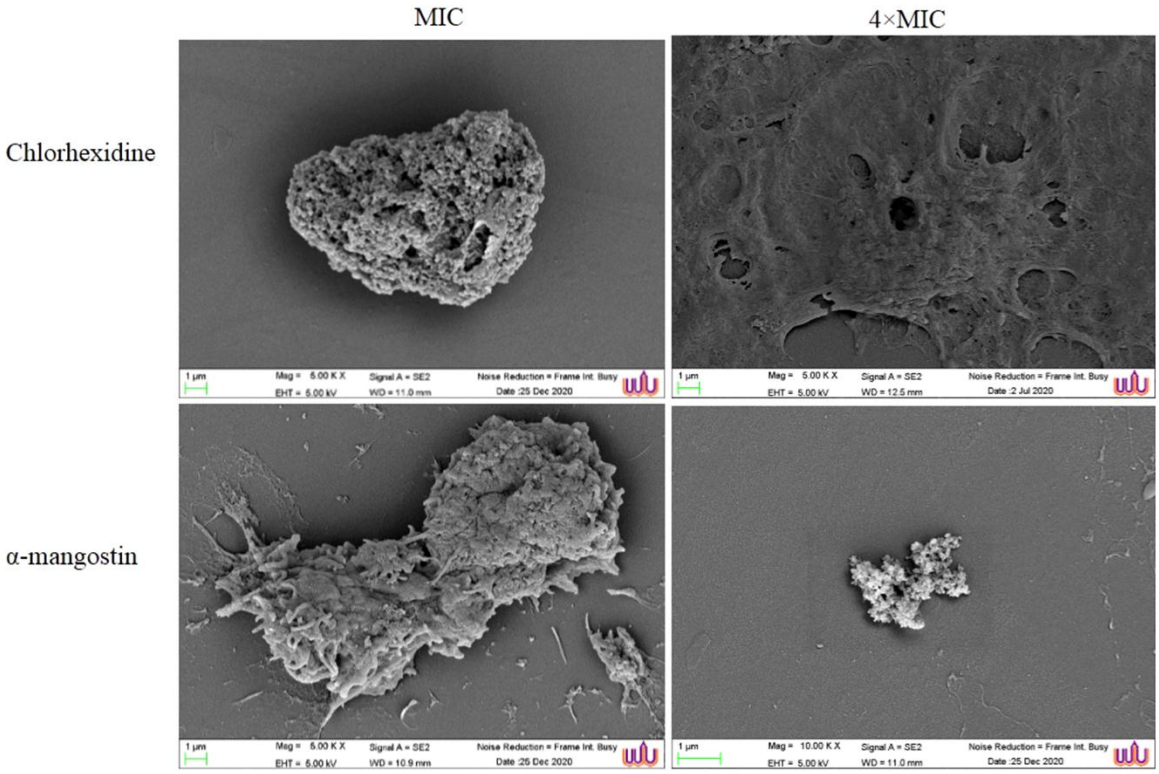


Supplementary Figure 1. Effects of DMSO on the growth and morphology of *A. triangularis* cysts. The parasites were cultured in PYG medium supplemented with 1% and 4% DMSO, incubated for 24 hours. This concentration of DMSO did not affect the growth and morphology of the cysts as observed under inverted microscope.



Supplementary Figure 2. Effects of *G. mangostana* extract (a) and α-mangostin (b) on viability of Vero cells using MTT assay. IC_{50} of α-mangostin (c). The cells were treated with the extract and the pure compound at different concentrations, and incubated at 37^{o}C for 24 hours. Data are presented as a mean ± SD, (* significant difference; $p< 0.05$).



Supplementary Figure 3. Effects of the different concentrations of chlorhexidine and α-mangostin on morphology of *Acanthamoeba triangularis* WU19001 trophozoites.