

In vitro action of aureomycin and terramycin on *Balantidium coli*

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1. 1. Aureomycin produced inhibition of *B. coli* in vitro beginning at 0.4 mg/ml concentration. 2. 2. At 24 hours terramycin produced marked diminution of parasites in vitro at 0.6 mg/ml. Concentrations of 0.2 and 0.4 mg/ml gave similar results at 72 hours while 0.1 mg produced reduction in numbers at 96 hours. Inhibition was apparently complete at concentrations of 0.6 mg and higher after 72 hours exposure. 3. 3. Action of aureomycin and terramycin appears to be direct and is apparently not associated with changes in associated bacterial flora or pH. 4. 4. Control tests do not suggest synergistic action of test drugs with penicillin-streptomycin combination. Results may be interpreted as indicative of antagonistic action. © 1952.