

ANTIBACTERIAL ACTIVITY OF MUCUS MUCIN EXCRETED FROM SNAIL "Achatina fulica Bowdich 1822".

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The mucin obtained from body surface mucus of African giant snail, *Achatina fulica* Bowdich 1822, was examined for its antibacterial activity. The water soluble fraction (WSF) and the mucin fraction (MF) of the mucus exhibited positive anti-bacterial activity for *Staphylococcus aureus* and *Proteus vulgaris* but negative anti-bacterial activity for *Escherichai coli*, *Pseudomonas aeruginosa*, *Bacillus subtilis*, *Krebsiella pneumoniae*, *Enterobacter aerogenase* and *Shigella boydii*. The minimal inhibitory concentration (MIC) of MF for *S.aureus* and *P.vulgaris* are 16 and >64 ug/ml, respectively.