

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 antibacterial activity for *Staphylococcus aureus* and *Proteus vulgaris* but negative antibacterial activity for *Escherichia coli*, *Pseudomonas aeruginosa*, *Bacillus subtilis*, *Klebsiella pneumoniae*, *Enterobacter aerogenes* and *Shigella boydii*. The minimal inhibitory concentration (MIC) of MF for *S.aureus* and *P.vulgaris* are 16 and >64 ug/ml, respectively.