

SCREENING OF CEPHALOPODS FOR BIO-ACTIVITY

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ABSTRACT

Extracts prepared from the various parts of the cephalopods, *Octopus vulgaris*, *Loligo duvaucelii* and *Sepia pharaonis* were tested against nine human pathogens for antibacterial activity. The aqueous ink extracts from *Loligo duvaucelii* and *Sepia pharaonis* exhibited broad antibacterial activity against all nine human pathogens tested. The posterior salivary gland extract of *Octopus vulgaris* showed highest activity against *Proteus mirabilis* and similar activity was observed for aqueous ink extract from *Sepia pharaonis* against *Proteus mirabilis* and that of *Loligo duvaucelii* against *Escherichia coli*.