Abstract

Experiments were carried to study antimicrobial activity of one of wings of *Musca domestica.* 10 pathogenic strains were isolated from wings of common house flies by blood agar test method and were named as R_2, R_7, R_6, R_8, R5 and L_2, L_3, L_6, L_9 and L_{10}. Well diffusion method was applied to check antimicrobial activity and fifty samples of live flies were taken. Experimental work was divided in two main groups. In 1st group antimicrobial activity of complete extract of wings and external body surface was checked. In 2nd group antimicrobial activity of bacterial free extract of wings and external body surface without wings was checked against pathogens of *Musca domestica.* However antimicrobial activity of bacterial free extracts of wings of *Musca domestica* was also checked against the 5 pathogens of boiled milk named B1, B2, B3, B4 and B5. Studies revealed that bacterial free extract of left wings of *Musca domestica* showed clear antimicrobial activity. However bacterial free extract of right wings as well as external body without wings did not show significant antimicrobial activity. In 2nd part bacterial free extract was applied to pathogengs isolated from boiled milk and results showed no antimicrobial activity.