

The synthesis of yolk protein in the ovaries of mosquitoes was analysed by electrophoresis. Major proteins of molecular weights 68.7, 90, 100 and 204 kDa were more prominent in the ovaries of control mosquitoes at 36 h post blood meal. The protein content of eggs from reserpine treated mosquitoes was also lower. This study provides preliminary evidence that reserpine interferes with neuroendocrine mechanisms that promote the intake of blood meal and the accumulation of yolk in oocytes, causing a reduction in fecundity.