The effect of *Aspergillus flavus* on secondary metabolite on rabbit blood cells

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**Abstract**

Pathological studies of *Aspergillus flavus* metabolite from suspension were examined using light microscopic technique on rabbit blood cells. A wound in the skin of the rabbit was performed and then inoculated with spore suspension of the *A. Flavus*on prepared in sterile distilled water. Growth of the fungus appeared visually during the first 3 days of inoculation. Pathogen city and clinical syndromes due to growth of the fungus were examined and estimated as blood smears of infected rabbits using light microscope. Experimental data suggested that the red blood cells (RBC) appeared with some degeneration as well as white blood cells. In addition histopathological changes occurred as apoptosis.

Key words: *Aspergillus flavus*, rabbit, red blood cells

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