

# **IMMUNOLOGICAL STATUS' CHANGING IN DOGS. WITH LEPTOSPIRAL UVEITIS**

**IM Balyaschuk, 'aspirant**

**PK Solonin, Doctor of Veterinary Sciences, Associate Professor**

Leptospirosis, uveitis, dogs, immunologic activities, clinical course.

Aim of researches. To investigate the changes of immunological indexes of blood of dogs, patients with a leptospirosis complicated and uncomplicated uveitis.

Material and research methods. A research object patient with a leptospirosis dogs served as.

Research methods - ophthalmology, haematological (leucocytes, determinations of leukogram), biochemical (albuminous factions, ЦІК), immunological (quantitative and quality composition of subpopulations of лімфоцитів, immunological index, presence of different classes of immunoproteins, activity of фагоцитарної reaction, quantitative and quality composition of circulatory immune complexes), histological, statistical treatment of digital material.

Was defined the increase of blood immunologic activities of dogs suffering from leptospirosis complicated with uveitis compared with patients without uveitis complication. The increase of blood immunologic activities in this case causes the pathogenetic role of immunodisfunction in the appearance of inflammation of ciliary body in dogs patients with leptospirosis.