

IMPACT OF CHOSEN BIOLOGICAL PATHOGENS ON SOME NERVOUS SYSTEM STRUCTURES AND ON ANIMAL BEHAVIOUR.

Summary

The aim of this work was to present the impact of external pathogens, which, through a disorder of intra-organic homeostasis, lead to permanent and irreversible changes in highly organized integration processes of the central nervous system. In result, changes in behaviour of various animal species are observed. Decrease in psychophysical activity is the main symptom of the strategy allowing to overcome the healing crisis and to

survive. In specialist literature this condition is called the "sickness behaviour". In case of presented disease entities, etilogic factors exceed compensation abilities of the system and lead to decease or are an indication for euthanasia. Very frequently, non-specific symptoms in the course of the above mentioned contagious diseases in animals and close contacts of some animal species with humans present a direct threat to people.