



# 5. International Mediterranean Scientific Research Congress

January 13-14, 2024  
Mersin, Türkiye



## PROCEEDINGS BOOK

*Editors:*

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Assoc. Prof. Dr. Hasan ÇİFTÇİ

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#### MEASURES TO CONTROL PARASITIC INFECTIONS OF GOATS

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#### ABSTRACT

Breeding of goats represents a significant branch of livestock production. The reason for this lies not only in tradition, but also because the production of milk, as well as kid meat, is a highly sought-after item on the world market. Based on research in the world and in Serbia, diseases of parasitic etiology dominate in goats in terms of prevalence and incidence, Negative economic effects are manifested by a decrease in animal production, i.e. a decrease in the production of milk, a poorer upbringing of young animals, a decrease in general body resistance and accompanied by significant morbidity and moderate mortality. The main goal of the parasitic infection control program is to improve the health status of goats. By preventing the appearance and spread of parasitic infections by taking certain preventive measures, the basic task is to reduce the prevalence of parasites, which achieves that as few infected animals reach the slaughterhouse as possible. The first measure is a parasitological examination in order to establish the prevalence of parasitic infections and the biodiversity of the causative agent in the herds. It is carried out in stables before the grazing season, during the grazing season and after the animals has been removed from the pasture. Deworming is another measure and first was done in stable before the expulsion to pasture and second was performed after moving the animals from pasture. Before release to pasture and during the grazing season, it is carried out examination of pasture to presence of intermediate and larvar form of helminths and arthropod vectors – ticks. The final measure that is carried out before and during grazing is the management of the production process on pasture, which makes it possible to reduce the percentage of contamination of pastures and thus the degree of infection of goats on them.

**Keywords:** parasitic infection, goats, control.