

## Carnivores and Ixodid Ticks as Important Factors in the Emergence, Circulation and Distribution of Dangerous Infections

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Climate changes in the recent years led to a sharp rise in the tick population and an increase in the number of animals and people with tick-borne infections. The domestic and wild carnivores, especially the dogs, have a huge role for the distribution of ticks in certain areas. It is necessary to carry out a complex fight against the ticks and diseases transmitted by them, which includes systematic control of the tick population in a given area, as well as in-depth studies on their contamination with particular pathogens, especially those causing zoonoses. This work presents a short review on the recent research on the role of carnivores and ticks in the emergence, circulation and distribution of some dangerous viral, bacterial and parasitic infections.

*Key words:* carnivores, ixodid ticks, vector-borne diseases