

## **Abstract**

*Toxocara* spp. is an obligate endoparasitic worm of digestive system of canine and feline. During its life cycle the larvae of this parasite can get even into humans and encapsulate in their tissues. If the presence of toxocara larvae in body causes clinical manifestation, then we talk about larval toxocarosis. We can divide it into several forms and this bachelor's thesis is focused on neurotoxocarosis which is caused by toxocara larvae in the nervous system. This thesis summarises basic information about toxocara, its life cycle and hosts and also about its extension in the world (epidemiology), diagnosis, model animals and finally focusing on clinical manifestation of neurotoxocarosis.

**Key words:** larval toxocarosis, neurotoxocarosis, *Toxocara canis*, migration, paratenic host, definitive host