

Grant Period	Name	Home Institution	Home Country	Host Institution	Host Country	Title
3	Filip Štrbac	Faculty of Agriculture (Novi Sad)	Serbia	CREMOPAR - The Regional Center for Monitoring Parasitic Infections	Italy	The methodology of the diagnostics of parasitic infections and methods for evaluating the efficacy of antiparasitic drugs

Keywords: cattle, diagnosis, Mini-Flotac, anthelmintic resistance detection, in vitro techniques

The main purpose of this STSM was education and improving knowledge about methods for diagnostics parasitic diseases and methods for in vitro and in vivo testing the efficacy of anthelmintic drugs, where I became familiar and practised a novel and/or most useful methods such as egg hatch test, faecal egg count reduction tests (FECRT) and techniques such as FLOTAC and mini-FLOTAC, coproculture etc. Using these methods and techniques, the efficacy of individual essential oils (EO) were tested and that was another aim of this STSM. It was concluded that EO are a promising alternative to regular, synthetic anthelmintic drugs, but more studies are needed.