

In vitro

Endoparasites	<i>Haemonchus contortus</i> and <i>Trichostrongylus colubriformis</i>	Egg hatch and larval development
Ectoparasites	Soft ticks	Contact (LPT, LIT, AIT) Membrane feeding on 6/24-well plates; medium throughput
	Companion animal ticks <i>Rhipicephalus sanguineus</i> <i>Ixodes ricinus</i> <i>Ixodes hexagonus</i> <i>Dermacentor variabilis</i> <i>Dermacentor reticulatus</i> <i>Amblyomma americanum</i>	
	Production animal ticks <i>Rhipicephalus microplus</i> <i>Rhipicephalus appendiculatus</i>	
	<i>Ctenocephalides felis</i>	
	Mosquitoes <i>Aedes aegyptii</i> <i>Aedes albopictus</i>	Contact and Membrane feeding
	<i>Glossina</i> spp	Membrane feeding

***In vivo* small animal models**

Endoparasites	<i>Haemonchus contortus</i> and <i>Trichostrongylus colubriformis</i>	Dual infection model in Syrian gerbils
Ectoparasites	<i>Rhipicephalus sanguineus</i> and <i>Ctenocephalides felis</i>	Dual infestation model in rats
	Mosquitoes <i>Aedes aegyptii</i> <i>Aedes albopictus</i>	Mouse/Rat challenge model
Blood parasites	<i>Trypanosoma congolense</i>	Mouse model