

Freie Universität Berlin
Department of Veterinary Medicine
Institute for Immunology

Practical Course: Vector-transmitted helminths

When: By arrangement

Where: Zentrum für Infektionsmedizin, Robert-von-Ostertag-Str. 7-13, 14163 Berlin,
Raum 236

Content: Learning of a tick-transmitted nematode infection life cycle and performing of an antibody-dependent cellular cytotoxicity assay against larval life stages

1. Day:

Isolation of L3 larvae from the soft tick and isolation of L1 larvae, microfilariae from the blood of birds.

2. Day:

Extraction of anti-filarial sera antibodies from blood of filarial-immunized mice and incubation with larval life stages. Incubation of a mouse macrophage cell line with antibody-opsonized larval stages. Determination of the ADCC.