

Dr Camilla Benfield - Project Summary

Peste des petits ruminants virus (PPRV) causes a highly socio-economically significant disease in sheep and goats. FAO has committed to eradicate PPRV globally by 2030. Camilla will study PPRV infections in free-ranging wildlife, whose epidemiology is poorly understood. This research will help determine whether wildlife play a role in maintaining and transmitting PPRV to livestock and thereby support the eradication program. Camilla will visit Tanzania to perform molecular detection of PPRV shed by wildlife and a UK laboratory for specialist training to enable experiments addressing the molecular basis of wildlife's susceptibility to PPRV, a virus which profoundly impacts livestock and humans.

Dr Andrew Stringer – Project Summary

Antimicrobial use and prescribing behaviours of animal health professionals and livestock owners in central Ethiopia

Antimicrobial resistance (AMR) is a crosscutting threat to global health. Infectious diseases impact on the health of livestock in Ethiopia and antimicrobials are vital in combating these diseases. Reducing agriculture-associated AMR requires reducing the quantity and/or improving the quality of antimicrobial use. The project aim is to explore antimicrobial use and prescribing behaviors by animal health professionals and livestock owners in central Ethiopia. This research will provide a better understanding of behavioural determinants and human motivations for prescribing and using antimicrobials in order to design effective interventions focused on mitigating AMR.