

APHA provides a wide range of scientific services

Animal Health, Disease Management, Bacteriology, Biomathematics, Epidemiology, Outbreak Response, Molecular Biology, Parasitology, Immunology, Pathology, Biosecurity, Animal Sciences, Surveillance, Virology, Plant Health, Wildlife, Risk Analysis, Capability Building



APHA is committed to working together on international projects that reduce the spread of diseases and contribute to reducing hunger, improving the health, well-being and prosperity of people worldwide.



Dr Tony Fooks
International Development



Contact APHA



International Development Team

APHA Weybridge
Woodham Lane
New Haw
Surrey
KT15 3NB
United Kingdom

aphaidt@apha.gov.uk

+44 (0) 208 225 7611



www.gov.uk/apha



@APHAGovUK



APHAGov



company/aphagovuk

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v2 September 2020



Animal &
Plant Health
Agency



Science Engagement & International Development



APHA is a recognised international centre of veterinary science and knowledge providing impartial, high quality scientific evidence, expertise and consultancy

APHA is the international 'go-to' agency for combating major disease outbreaks of animal and plant origin whether, natural, accidental or deliberate release

APHA is focused on partnering with other countries to work on shared interests and ambitions

APHA is an FAO International Reference Centre for Antimicrobial Resistance (AMR). This aligns with the global AMR strategies from WHO, OIE and FAO

APHA global successes

- » Characterisation of Newcastle disease virus from sporadic outbreaks in Europe.
- » Molecular epidemiology of Brucellosis in Northern Tanzania.
- » Field trials on oral rabies vaccine in Ethiopian wolves, the world's rarest canid.
- » Use of an unmanned aircraft with thermal sensors to help detect Asian hornet nests.
- » Demonstration of vector competence of the UK mosquito species for exotic zoonotic viruses.
- » Rapid non-invasive fluorescence testing to identify genetically modified fish.
- » Creation of a systematic method for estimating wild bird abundance on or around poultry premises.
- » International swine fever risk assessment and disease modelling.
- » Application of fertility control for wildlife management in Europe and Asia
- » One Health TB programmes to improve cattle TB management in developing countries.
- » Working with UK and other European partners to combat global threats to human health, food safety and food security.

International Reference Centres

APHA is a reference facility for a number of animal pathogens and diseases and provides expertise as a Collaborating Centre in animal health at a both national and international level.



- Antimicrobial resistance
- Avian influenza
- Bovine tuberculosis
- Bovine spongiform encephalopathy
- Bovine viral diarrhoea
- Classical swine fever
- Contagious agalactia
- Contagious equine metritis
- Enzootic bovine leucosis
- Equine viral arteritis
- Infectious bovine rhinotracheitis
- Newcastle disease
- Rabies
- Salmonellosis
- Scrapie
- Swine influenza
- Collaborating Centre for Risk Analysis and Modelling



- Collaborating Centre for Rabies



- Animal influenza
- Antimicrobial resistance
- Brucellosis
- Newcastle disease

APHA is also a National Reference Laboratory for over 26 different diseases.

