



Llywodraeth Cymru
Welsh Government

10 July 2025

Dear ,

ATISN 24716 - Bovine TB Studies

Information requested

Thank you for your request received on 14 May. You asked for a copy of the studies that the Deputy First Minister quoted to support his statement that cattle-to-cattle transmission rates are far greater than badger to cattle.

Our response

Details and links to the information you requested are listed below.

Inferring *Mycobacterium bovis* transmission between cattle and badgers using isolates from the Randomised Badger Culling Trial

Andries J. van Tonder, Mark Thornton, Andrew J.K. Conlan, Keith A. Jolley, Lee Goolding, Andrew P. Mitchell, James Dale, Eleftheria Palkopoulou, R. Glyn Hewinson, James L.N. Wood, Julian Parkhill

[Inferring *Mycobacterium bovis* transmission between cattle and badgers using isolates from the Randomised Badger Culling Trial | PLOS Pathogens](#)

Combining genomics and epidemiology to analyse bi-directional transmission of *Mycobacterium bovis* in a multi-host system

Joseph Crispell, Clare H Benton, Daniel Balaz, Nicola De Maio, Assel Ahkmetova, Adrian Allen, Roman Biek, Eleanor L Presho, James Dale, Glyn Hewinson, Samantha J Lycett, Javier Nunez-Garcia, Robin A Skuce, Hannah Trewby, Daniel J Wilson, Ruth N Zadoks, Richard J Delahay, Rowland Raymond Kao.

[Combining genomics and epidemiology to analyse bi-directional transmission of *Mycobacterium bovis* in a multi-host system | eLife \(elifesciences.org\)](#)

Genomic epidemiology of *Mycobacterium bovis* infection in sympatric badger and cattle populations in Northern Ireland

Assel Akhmetova, Jimena Guerrero, Paul McAdam, Liliana C.M. Salvador, Joseph Crispell, John Lavery, Eleanor Presho, Rowland R. Kao,

Rydym yn croesawu derbyn gohebiaeth yn Gymraeg. Byddwn yn ateb gohebiaeth a dderbynnir yn Gymraeg yn Gymraeg ac ni fydd gohebu yn Gymraeg yn arwain at oedi.

We welcome receiving correspondence in Welsh. Any correspondence received in Welsh will be answered in Welsh and corresponding in Welsh will not lead to a delay in responding.

Roman Biek, Fraser Menzies, Nigel Trimble, Roland Harwood, P.
Theo Pepler, Katarina Oravcova, Jordon Graham, Robin Skuce, Louis du
Plessis, Suzan Thompson, Lorraine Wright, Andrew Byrne, Adrian R. Allen

[Genomic epidemiology of Mycobacterium bovis infection in sympatric badger and cattle populations in Northern Ireland - PubMed \(nih.gov\)](#)

Phylogenetic analysis of an emergent Mycobacterium bovis outbreak in an area with previously known wildlife infections

Authors Gianluigi Rossi, Joseph Crispell, Tanis Brough, Samantha J. Lycett, Piran C. L. White, Adrian Allen, Richard J. Ellis, Stephen V. Gordon, Roland Harwood, Eleftheria Palkopoulou, Eleanor L. Presheo, Robin Skuce, Graham C. Smith, and Rowland R. Kao

[Phylogenetic analysis of an emergent Mycobacterium bovis outbreak in an area with no previously known wildlife infections - Rossi - 2022 - Journal of Applied Ecology - Wiley Online Library](#)

Next steps

If you are dissatisfied with the Welsh Government's handling of your request, you can ask for an internal review within 40 working days of the date of this response. Requests for an internal review should be addressed to the Welsh Government's Freedom of Information Officer at:

Information Rights Unit,
Welsh Government,
Cathays Park,
Cardiff,
CF10 3NQ

or Email: Freedom.ofinformation@gov.wales

Please remember to quote the ATISN reference number above.

You also have the right to complain to the Information Commissioner. The Information Commissioner can be contacted at: Information Commissioner's Office,
Wycliffe House,
Water Lane,
Wilmslow,
Cheshire,
SK9 5AF.

However, please note that the Commissioner will not normally investigate a complaint until it has been through our own internal review process.

Yours sincerely