

Monday 16th June - Programme

Key to colour-coding

Progress in TB Control

Monday 16th June

Programme

10:00	REGISTRATION
12:00	LUNCH
13:00	Welcome Christianne Glossop, CVO of Wales, and Glyn Hewinson, Lead Scientist - TB, AHVLA
13:30	Overview of global TB in animals Simona Forcella, OIE
14:00	Global epidemiology and control of human tuberculosis, and the link with <i>Mycobacterium bovis</i> Christopher Dye, Office of the Director General, World Health Organization
14:30	A conceptual framework on bTB Frank Verdonck, European Food Safety Authority
15:00	REFRESHMENTS
15:30	Progress in human TB vaccine development Helen McShane, University of Oxford, UK
16:00	TB vaccines at the human/animal interface: collaboration for innovation Alison Hogg, AERAS
16:20	Human TB diagnosis Marc Lipman, Royal Free London NHS Foundation Trust
16:50	REFRESHMENTS
17:20	Evolution of risk management during the successful bovine TB Brian Radunz, Department of Primary Industry and Fisheries, Australia
17:50	Overview of TB in New Zealand Paul Livingstone, OSPRI, New Zealand
18:20	FINISH

Programme - Tuesday 17th June

Key to colour-coding			
 Epidemiology/Surveillance	 Vaccination	 Policy Legislation and Regulation	
09:00	Use of evidence in policy making - Ian Boyd, Defra		
09:45	Managing challenges for disease control - Peter Roeder, Retired, UK		
10:30	REFRESHMENTS		
11:00	Routine whole genome sequencing of bovine tuberculosis; what WGS of bTB can do for you Noel Smith	BCG-efficacy assessment in a goat model of tuberculosis with quantitative evaluation of lung lesions and bacterial load in respiratory lymph nodes Mariano Domingo	bTB policy legislation and regulation: a European commission perspective Francisco Reviriego-Gordejo
11:20	TBC	Use of simultaneous BCG and recombinant adenovirus vaccination to protect against <i>Mycobacterium bovis</i> (<i>M. bovis</i>) infection in cattle Gilly Dean	Bovine tuberculosis eradication programmes in the EU - experiences from balancing science and policy Susanna Sternberg Lewerin
11:40	An epidemiological study of risk factors that affect the rate of expansion of the area affected by endemic bovine tuberculosis Lucy Brunton	Paratuberculosis vaccination confers partial protection against <i>M. bovis</i> infection in cattle Ramon Juste	Evolution of French policy measures to control bovine tuberculosis in regards to epidemiological situation Alexandre Fediaevsky
12:00	Enhanced understanding of pathogenesis and epidemiology through use of a "forensic" post mortem examination Leigh Corner	Vaccination of badgers against bovine tuberculosis Sandrine Lesellier	Introduction of annual testing as a cornerstone for TB eradication in Wales Christianne Glossop
12:30	LUNCH		
13:30	Understanding and managing bTB risk: perspectives from Ireland Simon More, University College Dublin, Ireland		
14:15	Progress in the development of vaccines for control of tuberculosis in cattle and wildlife Bryce Buddle, Ag Research, New Zealand		
15:00	REFRESHMENTS		
15:30	A longitudinal model of bovine tuberculosis transmission in Great Britain Trevelyan McKinley	<i>Mycobacterium bovis</i> infection induces bovine macrophage apoptosis with participation of apoptosis inducing factor (AIF) nuclear translocation Alejandro Benitez Guzman	Evidence-informed policy: whats in a number? Darrell Abernethy
15:50	Host richness increases tuberculosis disease risk Joaquín Vicente	Natural killer cell responses following BCG vaccination or <i>Mycobacterium bovis</i> infection of neonatal calves Carly Hamilton	Infection Dynamics And Effective Control Options Of Tuberculosis In Cattle And Badgers Inma Aznar
16:10	How much bovine tuberculosis surveillance is needed? A comparative study between Scotland and low risk areas in England Liliana Salvador	Assessment of <i>Mycobacterium bovis</i> BCG vaccination against bovine tuberculosis of calves in a natural transmission setting in Ethiopia Gobena Ameni	bTB policy, legislation and regulation: a perspective from Mexico Jose Alfredo Gutierrez Reyes
16:30	Tuberculosis In domestic pigs in Great Britain 2007-2011 Suzanne Bailey	Field efficacy of single-dose oral BCG vaccination in protecting cattle from natural infection with bovine tuberculosis Graham Nugent	<i>Title to be confirmed</i> Ian McKee
17:00	Poster session with drinks reception		
18:30	FINISH		

Wednesday 18th June - Programme

Key to colour-coding			
■ Diagnosis	■ Practical Delivery	■ Social Science/Economics	
09:00	Genomic insights into the biology of <i>Mycobacterium bovis</i> Steve Gordon, University College Dublin, Ireland		
09:45	Host responses to mycobacterial infections: spotlight on biomarker discovery to predict vaccine efficacy - Martin Vordermeier, AHVLA, UK		
10:30	REFRESHMENTS		
11:00	Development and evaluation of a DIVA skin test for bovine tuberculosis Gareth Jones	A cautionary tale: a case study of a large, movement-related TB breakdown in a dairy herd in northern New Zealand in late-2012 and the lessons learned from this breakdown Jane Sinclair	Review of economics used for bTB Richard Bennett
11:20	Adjustments and controls in the use of Bovigam B1G to improve the reproducibility Jean-Louis Moyon	A potential model for assessing and managing herd risks as part of a TB control programme Dick Sibley	Bovine tuberculosis: the costs of the eradication plan in the Latium Region (Italy) Paola Scaramozzino
11:40	Immune response to experimental <i>M. bovis</i> infection in cattle naturally infected with <i>M. paratuberculosis</i> Virginie Roupie	The concept of a farm advisory service evaluating multiple infectious diseases in order to address bovine TB control on farm Neil Paton	Veterinary geography: bovine TB eradication in Northern Ireland Philip Robinson
12:00	Critical points in laboratory protocols for bovine tuberculosis diagnosis Lucía de Juan	Cymorth TB: government and private vets working together to improve education and support to farmers in the drive to eradicate bTB Linda Evans	Bovine tuberculosis: an economic threat or a big fuss about nothing? Paul Torgerson
12:30	LUNCH		
13:30	Practicalities of the immune-based diagnostic assays for the control of bovine tuberculosis Douwe Bakker, DLO Institute for Animal Science and Health, The Netherlands		
14:15	Bovine tuberculosis and social science: what is it and how can it help? Gareth Enticott, University of Cardiff, UK		
15:00	REFRESHMENTS		
15:30	Sensitive and specific diagnostic assay for detection of tuberculosis in cattle Said Fathalla	Advances in monitoring of tuberculin testing in the Irish bTB eradication programme, 2008 - 2013 Anthony Duignan	Social research methods reveal effective and practical management interventions for bovine tuberculosis management Christian Gortazar
15:50	Diagnosis of bovine tuberculosis in Mozambique - comparison of diagnostic methods Irmgard Moser	Strategic applications of the IFN γ assay in a bovine tuberculosis eradication programme Eamonn Gormley	Farmers' beliefs and bovine tuberculosis in cattle John Kaneene
16:10	Polymerase chain reaction (PCR) specificity evaluation in the identification of <i>Mycobacterium bovis</i> José Gutiérrez-Pabello	The paradigm shift: adjusting the livestock TB testing surveillance programme through the lifespan of a national eradication strategy; the New Zealand experience Kevin Crews	Farmers' confidence in badger vaccination: a longitudinal analysis Damian Maye
16:30	Evaluation of methods for the isolation of <i>Mycobacterium bovis</i> Geoffrey de Lisle	Application of electronic animal identification systems for tracing in bovine TB breakdowns Stuart Hutchings	TB testing in private practice: a case study approach Katherin Adam
17:00	Poster session open		
18:30	FINISH		

Programme - Thursday 19th June

■ New Methods and Innovation	Key to colour-coding Wildlife Reservoirs	 TB Control and other
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09:00	Wildlife tuberculosis: update and ongoing research Christian Gortazar, SaBio research group at IREC (UCLM-CSIC), Spain		
09:45	Wildlife/cattle interface using WGS - Rowland Kao, University of Glasgow, UK		
10:30	REFRESHMENTS		
11:00	Analysis of breath volatile organic compounds as a screening tool for detection of tuberculosis in cattle Pauline Nol	Liberalised distribution of landowner shooting permits for management of bovine tuberculosis in Michigan, USA, white-tailed deer, 2008-2010 Dan O'Brien	Integration of science, policy and IT advances in the Irish bovine TB eradication: updates and progress 2005-2013 Margaret Good
11:20	Badgers and their interaction with cattle and farmyards – data from remote satellite tracking in the Republic of Ireland Teresa MacWhite	Ghost hosts: complexities in quantifying TB freedom in a multi-host wildlife system Graham Nugent	Risk management during the monitoring phase of the successful bovine tuberculosis eradication campaign in Australia Brian Radunz
11:40	Developing a field diagnostic sample collection method for unanaesthetised badgers Fiona Rogers	Application of a bovine TB eradication strategy involving wildlife hosts Stuart Hutchings	The risk of bovine tuberculosis transmission associated with the translocation Of wildlife Lin-Mari de Klerk-Lorist
12:00	Design and analysis of trials for a new tuberculin standard Klaas Frankena	Successful management of a wildlife reservoir of <i>Mycobacterium bovis</i> In Canada: epidemiology and key factors for control Todd Shury	Eradication of bovine tuberculosis in Slovenia Tina Pirš
12:30	LUNCH		
13:30	Whole genome sequencing for sourcing <i>Mycobacterium bovis</i> breakdowns in New Zealand Marian Price-Carter	Using molecular techniques to investigate TB dynamics in an intensively studied wildlife host population Clare Benton	TBC
13:50	A new perspective on exploring the cell surface epitopes of <i>Mycobacterium bovis</i> Linda Stewart	Environmental presence of <i>M. bovis</i> at aggregation points in the wildlife/livestock interface in Mediterranean areas Joaquin Vicente	Deciphering the trends in animal and human infections with <i>Mycobacterium bovis</i> and <i>M. tuberculosis</i> in Nigeria: an overview from 1979-2013 Simeon Cadmus
14:10	A heterozygote advantage analysis for tuberculosis resistance in dairy cattle Smaragda Tsairidou	Baiting and feeding revisited: exploring factors influencing transmission of bovine tuberculosis among deer and to cattle Melinda Cosgrove	Development of a bovine tuberculosis risk tool (bTBR) to inform cattle risk based trading Amie Adkin
14:30	First line molecular diagnosis of bovine tuberculosis: the French experience Maria Laura Boschioli	Field vaccination in Eurasian wild boar: first results in piglets Iratxe Diez Delgado	Operation Johne's: a potential example for a <i>M. bovis</i> engagement programme Peter Orpin
15:00	Closing address Michael Sheridan, Deputy Chief Veterinary Officer, DAFM, ROI		
15:30	Close Alun Davies, Assembly Member, Minister for Natural Resources and Food		
15:45	FINISH		

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