



**Diagnosis of Bovine Tuberculosis:
 Current practice and Future Innovations**

@aber_TB #aberTB

**17 September 2019
 MedRus, Penglais Campus,
 Aberystwyth University**

Programme

Time	Session	CHAIR
8.30 am	Registration	
9.00 am	Welcome: Professor Glyn Hewinson, Sêr Cymru II STAR Chair and Head of the Centre of Excellence for Bovine Tuberculosis, IBERS, Aberystwyth University	
9.05 am	Update on progress with bTB Eradication in Wales Chief Veterinary Officer for Wales, Professor Christianne Glossop	
Session 1: Current Testing Regimes		Dr Bev Hopkins
9.20 am	Immunology of bTB infection and how this relates to bTB diagnosis Professor Bernardo Villrreal-Ramos, Animal and Plant Health Agency/Aberystwyth University	
9.40 am	Current Tests for bTB control Professor Glyn Hewinson, Aberystwyth University	
10.00 am	Performing the tuberculin test and Quality Assurance David Thomas MRCVS, Senior Official Veterinarian for Iechyd Da	
10.20 am	Comfort break, refreshments, exhibition	
10.50 am	Procedures that occur once a TB Reactor is detected: Optimising testing to improve detection of infected animals during herd breakdowns Alan Huxtable, Veterinary Lead for Wales, Animal and Plant Health Agency	Professor Luis Mur
11.10 am	Laboratory isolation of the organism in culture and PCR Kirsty Line, Head of Laboratory Testing, Animal and Plant Health Agency	
11.30 am	Panel Discussion	Dr Jonathan King
12 noon	Lunch	
12.50 pm	Welcome: Vice- Chancellor, Aberystwyth University: Professor Elizabeth Treasure BDS PhD FRACDS FDSRCS FFPH	

Session 2: Future Innovations		Professor Iain Donnison
Tests Undergoing Validation		
1.00 pm	Genotyping and whole genome sequencing: their future role in understanding the epidemiology of the disease: Dr Richard Ellis, Head of Genome Analysis Animal and Plant Health Agency	
1.20 pm	OIE and APHA Validation Schemes Dr Jason Sawyer, , Work Group Leader, Immunology & Vaccines Group Animal and Plant Health Agency	
1.40 pm	Systems in place for use and validation of new, unvalidated tests Dr David Harris, Animal and Plant Health Agency	
2.00 pm	Comfort break/refreshments	
Detection and Characterisation of the Organism		Dr Hefin Williams
2.30 pm	The ability of M. bovis to survive outside the host and detection of TB in the environment Professor Liz Wellington, School of Life Sciences, Warwick University	
2.50 pm	The Actiphage test – Dr Ben Swift, PBD Biotech Ltd	
Detection of Immune response to infection		Dr Hefin Williams
3.10 pm	The Enferplex Bovine TB antibody test - Validation to Eradication’ Dr Neil J Watt, BVMS, PhD, MRCVS, MV Diagnostics Ltd	
3.30 pm	Defined skin tests – Gareth Jones, Animal and Plant Health Agency	
3.50 pm	Panel Discussion	Professor Glyn Hewinson
4.30 pm	Summary Abi Reader, Welsh Dairy Farmer #cowsontour	
5.00 pm	Close	

@aber_TB

#aberTB

tbstaff@aber.ac.uk

CANOLFAN A LABORDAI
MILFEDDYGOL'

