



# Tracking the emergence and global spread of foot-and-mouth disease (FMD)



*A One Day Symposium to Mark the 50<sup>th</sup> Anniversary of the Designation of the Pirbright Laboratory of the Institute for Animal Health as FAO World Reference Laboratory for FMD*

*To be held at The Royal Society in London, 9:00 – 17:00 hrs on 9<sup>th</sup> May 2008*

Foot-and-mouth disease (FMD) is a global problem damaging developing economies where disease is endemic and threatening the developed ones where it has been eradicated. The significance of FMD has been exacerbated by the globalisation of trade, the rapid growth and intensification of livestock keeping, especially in endemic regions, and the threat of bioterrorist attacks. Early warning systems to detect and track the emergence and spread of new strains of the FMD virus are therefore of increasing importance, underlining the continued global relevance of the work of the World Reference Laboratory for FMD (WRL) at Pirbright to the global community. This has been a continuous activity since the designation of the WRL by the Food-and-Agriculture Organization (FAO) of the United Nations 50 years ago.

You are cordially invited to attend this Symposium at which the state of the art of tracking emergent FMD viruses will be presented and discussed, through talks given by staff of the WRL-FMD and by distinguished national and international scientific partners. The aim is to inform participants on the range of disciplines required to inform decisions on emergent FMD threats, from viral determinants to transmission dynamics, providing insights into current practice and what may be possible in the future.

An outline of the programme is provided below and includes provision of refreshments and lunch for all participants.

9:00-9:10	Wellcome	Prof Martin Shirley, IAH Director
9:10-9:30	WRLFMD overview	Dr David Paton, Head of WRL
9:30-10:00	Global diversity of FMDV	Mr Nick Knowles, IAH
10:00-10:30	Coffee	
10:30-11:00	FMD in Africa	Dr Wilna Vosloo, Ondestepoort
11:00-11:30	FMD viral evolution	Dr Esteban Domingo, Madrid
11:30-12:00	Tracing FMDV in UK outbreaks	Dr Eleanor Cottam, IAH
12:00-12:30	FMD virus structure	Prof Dave Stuart, Oxford
12:30-13:30	Lunch	
13:30-14:00	Antigenic cartography	Dr Derek Smith, Cambridge
14:00-14:30	Cross-protection between FMD strains	Dr Bernd Haas, Riems
14:30-15:00	Virus detection methods	Dr Donald King, IAH
15:00-15:30	Tea	
15:30-16:00	FMD virus transmission dynamics	Prof Mark Woolhouse, Edinburgh
16:00-16:20	European collaboration on FMD	Dr Kris de Clercq, Brussels
16:20-16:40	Future prospects for FMD control	Dr Keith Sumption, Rome
17:00	Close	

Please reply by 2<sup>nd</sup> April to say whether you wish to attend the Symposium, since it may be difficult to accommodate requests after this date. All replies should be made to Mrs Chris Chisholm, Pirbright Laboratory, Institute for Animal Health, Ash Road, Woking, Surrey GU24 0NF, preferably by email [chris.chisholm@bbsrc.ac.uk](mailto:chris.chisholm@bbsrc.ac.uk)

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