

**Professor Michael Thrusfield (Edinburgh University)**  
**Fellowship Tour: 22 November - 5 December 2015**

The purpose of this Fellowship tour, undertaken at four veterinary schools in Japan in November and December 2015, was to deliver lectures on (1) veterinary infectious-disease-control policy making, and (2) the establishment and evolution of education in veterinary epidemiology in the UK, with the anticipation that the material will directly benefit veterinary schools in Japan.

On 24 November, a lecture was presented to staff, post-graduates and undergraduates at Hokkaido University entitled '*Veterinary epidemiology in disease-control policy making: the UK foot-and-mouth disease outbreak*'. This traced the evolution of infectious-disease control in relation to epidemic outbreaks, and then focused on the unique situation faced in the UK in its 2001 foot-and-mouth disease outbreak, where traditional control procedures were supplemented by culling procedures that were derived from untested mathematical models. A detailed critique of the model-based approach was given.

On 25 November, a lecture was presented to staff, post-graduates and undergraduates at Rakuno University entitled '*Establishment and development of education on veterinary epidemiology in UK*'. This described the origins of university training in the subject in disease ecology in the 1970s, and then outlined the national liaison meetings that were organized across the veterinary profession to define the scope and content of the subject. Detailed undergraduate curriculum development, from the 1970s to the present day, with increasing quantitative/statistical topics, was given. The evolution of post-graduate training also was described. Finally, curricular needs for the future were presented.

On 30 November, lectures were presented to staff, post-graduates and undergraduates at Tokyo University on (1) '*Veterinary epidemiology in disease-control policy making: the UK foot-and-mouth disease outbreak*' and (2) '*Establishment and development of education on veterinary epidemiology in UK*', following similar structures to those already described.

On 2 December, a lecture was presented to staff, post-graduates and undergraduates at Miyazaki University entitled '*Veterinary epidemiology in disease-control policy making: the UK foot-and-mouth disease outbreak*', again following the structure previously described.

Finally, on 3 and 4 December, guidance was given to staff from Rakuno University on

practical aspects of epidemiological sampling, and the teaching of veterinary epidemiology in practice.



Invited lecture from Professor Michael Thrusfield