



Dr. Petra Muellner

ニュージーランド国マッセイ大学疫学研究センターのペトラ・ミュルナー先生が来帯されますので、獣医疫学セミナーを下記のとおり開催します。
みなさまのご来場をお待ちしています。

2012年2月7日（火）16時半～帯広畜産大学・原虫病研究センター・PKホール

"Source attribution of campylobacteriosis - combining epidemiology and population genetics"

The capacity to attribute cases of human disease to a source responsible for illness is critical for the identification and prioritization of interventions for campylobacteriosis and other zoonotic diseases. Assessing the origin of human infections is therefore a major global public health issue and classical epidemiological approaches such as case-control studies have been conducted to fulfil this purpose. For some diseases these methods can give ambiguous or conflicting results and often fail to provide risk managers with sufficient information to evaluate and implement effective food safety measures to lower the burden of human disease. This presentation will show how rather than apply a single approach to food source attribution in New Zealand we have used different techniques combining epidemiology and population genetics. The findings from this research were used to inform policy making to control the disease in the poultry production chain. Since the introduction of a range of control measures a reduction in human cases by more than 50% has been observed.

2月8日（水）16時～北海道大学大学院獣医学研究科・講堂

"How can molecular tools contribute to our understanding of BVDV?"

The availability of molecular tools has greatly advanced our understanding infectious diseases. Correctly applied and interpreted, molecular approaches offer unique opportunities to advance the field of epidemiology, from addressing a herd health problem to understanding the global spread of a disease. For infectious diseases, these measures can provide insight that is not available with traditional culture methods or species-level identification. However, despite their increasing availability, molecular methods are often not completely understood, and in consequence inefficiently applied.

This seminar provides participants with an introduction to the field and explores how molecular tools can support our understanding of BVDV in Japan and guide the development of disease control programme.

連絡先：帯広畜産大学 門平(かどひら) kadohira@obihiro.ac.jp 電話 0155-49-5617