

# 參加「第十屆跨國界動物傳染病診斷國際研習會」心得報告

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## 摘要

為執行台美合作計畫並強化重要動物傳染病之診斷技術，於 99 年 10 月 23 日至 11 月 7 日赴美國紐約梅島動物疾病中心(Plum island animal disease center)，參加「第 10 屆跨國界動物傳染病診斷國際研習課程 (10<sup>th</sup> International Course on Transboundary Animal Disease)」，本屆計有臺灣、香港、南韓、日本、俄羅斯、哥倫比亞、巴西、奈及利亞、印度、喀麥隆、阿爾巴尼亞、蓋亞那、墨西哥、海地、秘魯、美國等 16 個國家，共 21 員與訓。本研習課程分成課堂授課與實務訓練兩部份，上午安排講師授課，內容包括 TADs 之介紹、診斷及防檢疫措施，流行病學介紹，獸醫昆蟲學與其媒介性疾病等，期間並安排學員簡報該國重要疫情及防疫措施，更有助學員經驗交流；下午於生物安全第三等級動物舍及解剖房進行實習，主辦單位將多數國家未發生過之 11 種 TADs 以人工感染方式呈現，包括高病原性家禽流行性感冒、非洲馬疫、非洲豬瘟、豬瘟、牛接觸傳染性胸膜性肺炎、口蹄疫、水心病、新城病、綿羊及山羊痘、兔出血熱與小反芻獸疫之實務訓練，使學員可研習前所未見之疾病，對未來防範跨國界動物傳染病入侵，早期篩檢疾病及啟動防疫機制等有極大助益。

# **Report of International Course on Transboundary Animal Disease**

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## **Abstract**

In order to implement the cooperation project between USA and Taiwan and to strengthen the diagnostic techniques on important animal infectious diseases, one researcher of Animal Health Research Institute (AHRI) was dispatched to attend the 10<sup>th</sup> international course on transboundary animal disease (TAD) hold in Plum Island from 23<sup>rd</sup> of October to 7<sup>th</sup> of November in 2010. Totally, 21 trainees from 16 countries around the world attended the training course. The course was arranged half day of lecture and half day of clinical manifestation observation and necropsy. During the course, instructors gave participants several lectures on TADs, including etiology, clinical signs, transmission, diagnosis, quarantine techniques, prevention and control measures, etc. The participant gave a brief presentation on animal epidemic situations and prevention actions of the country and practical training was carried out in a BSL-3 necropsy room. Animals infected by TADs including High Pathogenic Avian Influenza (HPAI), African Horse Sickness (AHS), African Swine Fever (ASF), Classic Swine Fever (CSF), Contagious Bovine Pleuropneumonia (CBPP), Foot-and-mouth Disease (FMD), Heartwater, Newcastle Disease (ND), Sheep & Goat Pox, Rabbit Hemorrhagic Disease (RHDV), Peste des Petits Ruminants (PPR) were presented. The practical training reinforces trainees the cognition on TADs through signs observation, necropsies and sampling for diagnosis and is very instructed for preventing TADs invasion, early screening and starting up diseases control systems.