

與法國南錫狂犬病及野生動物實驗室合作計畫之執行

並學習 OIE 參考實驗室之運作

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摘要

本所自 103 年與法國南錫狂犬病及野生動物實驗室簽訂台灣鼬獾狂犬病病原性試驗合作備忘錄，該實驗室協助本所建立狂犬病中和抗體檢測技術，亦合作完成 WHO 推薦之口服疫苗 SAG2 在鼬獾的安全效力評估試驗，試驗成果優異。為延續前期試驗結果，並擴大合作範圍及提高合作目標，該實驗室提出與本實驗室進行 OIE 的 Twinning Project 以協助我方發展成熟並申請成為 OIE 的狂犬病參考實驗室；為達此目標，本所派員前往該實驗室進行狂犬病相關實務訓練。本次訓練計畫目標含列下述三項：延續台灣鼬獾狂犬病病原性試驗合作內容在法學習動物試驗；習得法方的實驗室品質管理系統；於法方舉辦的工作營中發表提高本所能見度。本次在法期間一併完成與法方共提 OIE Twinning project 之計畫書撰寫。

Collaborative Project Implementation with the Nancy Laboratory for Rabies and Wildlife, France

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Abstract

A collaborative Memorandum of Understanding (MOU) was signed between the Animal Health Research Institute (AHRI) of Taiwan and the Nancy Laboratory for Rabies and Wildlife, France (Nancy lab) in 2014. The Nancy lab further assisted AHRI in establishing the fluorescent antibody virus neutralization test (FAVN) for rabies serological diagnosis. Furthermore, the efficacy and safety of the world Organisation for Animal Health (OIE)-recommended SAG2 rabies oral vaccine for ferret badgers was evaluated collaboratively, and satisfactory results were obtained. In order to continue and broaden this preliminary collaborative project with Nancy lab, we proposed a OIE Twinning Project such that AHRI could be qualified as a OIE Reference laboratory for rabies. Thus, AHRI staff were sent to the Nancy laboratory for practical training. The objectives of this training program are listed in the following three categories: continuing pathogenicity tests for rabies virus on Taiwan ferret badgers and proper animal experimentation protocols, laboratory quality management systems, and public presentation skills for AHRI outreach. During this period in France, we jointly wrote the collaborative project implementation plans.