

赴美國參加第 30 屆美洲狂犬病研討會

疫學研究組 製劑研究組

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摘要

本所於 108 年 10 月 24 日至 11 月 3 日派員至美國密蘇里州堪薩斯市參加第三十屆美洲狂犬病研討會，本次研討會口頭發表主要分十大主題：致病機轉/免疫學、蝙蝠狂犬病、野生動物狂犬病、流行病學及監測、清除犬狂犬病、狂犬病診斷方法、疾病的空間及經濟模式、社區參與，疫苗及治療，及人類狂犬病治療及預防，由各領域學者進行演講，並就四大主題進行圓桌討論。與會人員於研討會中發表本所相關著作共計四篇壁報論文，分別為「臺灣蝙蝠檢出之新型麗沙病毒」、「利用商品化免疫層析法快篩試劑強化臺灣野生動物狂犬病監測」、「狂犬病 OIE 偶合計畫實施概要」及「臺灣鼬獾狂犬病病毒於白鼻心之病原性探討」。並參加在堪薩斯州立大學實驗室舉辦之直接快速免疫組織化學染色工作營，藉由問卷與實作過程解析操作方式及重點項目。美洲狂犬病研討會提供不同國家及單位經驗分享的機會，就狂犬病研究、監控、治療及預防等最新發展進行討論，凝聚區域共識，擴展彼此瞭解與合作視野，是推動良性互動的論壇。與會人士透過研討會交流及交換聯繫方式，留下未來合作的可能性，包含不同領域產官與學研單位的參與，更顯示出世界動物衛生組織所倡議全球防疫一體(One health)理念。

The Rabies in the Americas 30th Annual Conference

Shu-Chia Hu · Shih-Ying Lee

Abstract

Two researchers from the Animal Health Research Institute attended the Rabies in the Americas (RITA) 30th Annual Conference in Kansas City, Missouri, USA from October 24th to November 3rd, 2019. The ten main topics covered at the conference were bat rabies, rabies in wildlife, epidemiology and surveillance, canine rabies elimination, rabies diagnostic methods, spatial and economic disease modeling, community engagement, vaccines and therapeutics, and human rabies treatment and prophylaxis. The round table discussions focused on four main aspects: boots on the ground, import/export regulations, rabies serology and vaccinations, and skunk rabies. Within each topic, researchers from different fields shared their ideas, experiences, and current results with the attendees. In this conference, AHRI presented the following findings: “Novel lyssaviruses identified in bats, Taiwan”, “Application of commercially available immunochromatographic test kits in wildlife rabies surveillance in Taiwan”, “Implementation summary of OIE Twinning Project for Rabies”, and “Pathogenicity investigation of Taiwan ferret badger rabies virus on Gem-faced civets”. The AHRI also participated in the Direct Rapid Immunohistochemistry Test (DRIT) workshop held at the Rabies Laboratory of Kansas State University. Through a questionnaire and implementation process, the participants were able to learn and analyze the key concepts behind standard analytical and operational procedures. The conference provided many opportunities for the collaborative communication of information and experiences between researchers from different countries and organizations, as well as for discussions on the latest developments in rabies research, surveillance, treatment and prophylaxis. Thus, this conference consolidated regional consensus, expanded mutual understanding and cooperation, and became a forum to promote healthy interaction. Participants also met and exchanged personal contact information, leaving the possibility for further collaboration in the future. In addition, the participation of industry, official, academic and research units from different fields highlighted the benefits of the ‘One-Health’ approach advocated by the OIE, FAO, and WHO.