

「參訪法國 SEPPIC 佐劑上海青浦工廠」出國報告

製劑研究組

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摘要

法國 SEPPIC 公司為全球著名的佐劑研發及製造商，生產製造人類與動物用疫苗佐劑。該公司在中國上海成立亞洲區的製造研究工廠，主要生產動物用疫苗佐劑。於 108 年 10 月 16 日至 10 月 19 日赴上海位於青浦之工廠參訪。藉由從佐劑的生產流程及 GMP 管理、實驗室等級到工廠產量產的乳化過程、佐劑品質管理的檢驗方式等，了解不同類型的佐劑在動物疫苗的應用。本所預計於 109 年至 112 年建置動物用疫苗先導工廠，藉由本次參訪了解不同佐劑所需設備及環境，以利先導工廠的廠房規劃。同時了解疫苗佐劑在品質管理的檢驗方式以利後續開發疫苗檢驗方法建立。藉由本次交流互動，帶動未來合作的契機，促進我國動物疫苗研發的動能，達到外銷國際的目標。

A visit SEPPIC Qing Pu production plant in Shanghai, China

Yu-Hua Shih

Abstract

SEPPIC is a well-known adjuvant development and manufacturing company producing adjuvants for human and animal vaccines. This company has established a manufacturing and research facility within Asia based in Shanghai, China, for the production of adjuvants for animal vaccines. From October 16th to 19th, a site visit was conducted at the Qing-Pu production plant in Shanghai in order to learn more about the manufacturing process for different types of adjuvants for animal vaccines and the associated Good Manufacturing Practices, such as the emulsification processes for laboratory grades and factory-scale production, as well as adjuvant quality control procedures. AHRI is planning for the establishment of a pilot plant for animal vaccines during the 2020-2023 period. Through this visit, we are aware of the equipment and environment required for the production of different adjuvants, thereby facilitating the establishment of the pilot plant. At the same time, we have gained deeper insight with regard to the quality control procedures for vaccine adjuvants. This exchange has highlighted the benefits of international cooperation in the area of animal vaccine research and development for Taiwan, and brings us one step closer to exporting vaccines and vaccine adjuvants internationally.