

Professional Service for Adjuvant of Animal Vaccine II

I. Title of Research: Professional Service for Adjuvant of Animal Vaccine II

II. Research Team Members

Department	Name	Position
Graduate Institute of Animal Vaccine Technology	Guan-Ming Ke	Professor
General Research Service Center	Chao-Hung Chen	Assistant Professor Rank Research Fellow
Chung Yuan Christian University/Department of Bioscience Technology	Yi-Ning Chen	Associate Professor
Academia-Industry Consortium for Agricultural Biotechnology Park	Yu-Lin Su	Commissioner

III. Description of Industrial Needs and Research Result Applications

In conjunction with the industry-academia association of the Agricultural Science Park, we visited manufacturers in the Pingtung Agricultural Science Park to inspect their animal vaccine adjuvant production status, and provided professional consultation, technical guidance, animal experiments, safety testing, and related animal live virus immunogenicity assessment technical consultation. Through summarizing and analyzing our work, this research project has effectively provided clinical trial services for animal vaccines and adjuvants. We have also successively signed service plans or industry-academia cooperation plans with manufacturers in the Agricultural Science Park, such as Virbac, as well as manufacturers outside the park, such as Taiwan Sugar Corporation. This plan aims to enhance services such as professional consultation, technical guidance, animal testing, safety testing, and related animal live virus immunogenicity assessment in research and development, thereby deepening the development of the animal vaccine industry in the park. It will also assist in establishing a consultation and exchange platform for animal

vaccine, adjuvant, and related manufacturers with National Pingtung University of Science and Technology, Chung Yuan Christian University, National Chiayi University, and related institutions, and help organize workshops and promotional activities for strategic alliances' research and development achievements in animal vaccines, adjuvants, and related fields.

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IV. Performance of Research Team

1. Signed an MOU with the agricultural science park's industry-academia association.



Fig. 1: Agricultural Science Park Industry-Academia Association presented a service banner to National Pingtung University of Science and Technology.



Fig. 2: The team visited Wonder Vax Co., Ltd., a manufacturer located in the agricultural science park, for professional consultation and took a group photo with the factory manager.