

Yung-Fu Chang, DVM, MS, PhD

Yung-Fu Chang completed his veterinarian training at the National Pingtung University of Science and Technology, Taiwan. He then spent five years working as an assistant Veterinary Pathologist at Taiwan Provincial Institute for Animal Health. Dr. Chang received his M.S. in veterinary science from the University of Idaho and his Ph.D. in Veterinary Microbiology from Texas A&M University. After that, he worked for a year as an assistant professor in residence at the University of Connecticut, Storrs, and then spent 4 years as an assistant research scientist from Texas A&M University.



In 1987, he became a diplomat of the ACVM, certified in Bacteriology/Mycology, Immunology, and Virology subspecialties. In 1989, he joined Cornell University, College of Veterinary Medicine as an assistant professor and became a full professor in the Department of Population Medicine and Diagnostic Sciences in 2003. In 2003, he spent a sabbatical leave at Dr. Gary Schoolnik's laboratory at Stanford University, School of Medicine.

Dr. Chang performs research on infectious diseases of animals (including zoonotic diseases), resulting in over 250 publications in referral journals. His research focused on a spectrum of research from basic bacterial pathogenesis, animal modeling of infectious diseases, vaccine development, host defense mechanisms, functional genomics & proteomics, and molecular diagnosis. Recently, he has focused on the development of a nanoparticle vaccine delivery system for mucosa immunity.

Dr. Chang has trained many graduate students and postdoctoral research associates, and most of them are in a faculty position at an academic institute. He has also trained more than 50 visited scientists from various countries. He currently serves as an Editorial Board member of Mbio, PLoS one, Bioengineered, and Journal of Veterinary Science.

2021 CRWAD Fellows Inductee

