

1. Biography

Yao-Wei Huang, Ph.D., Professor

College of Veterinary Medicine, South China Agricultural University, Guangzhou, China

Dr. Yao-Wei Huang is currently a Professor in the College of Veterinary Medicine and a Principal Investigator in the State Key Laboratory for Animal Disease Control and Prevention, South China Agricultural University. In 2003, he joined the College of Veterinary Medicine at Virginia Tech as a Postdoctoral Associate, later advancing to Research Assistant Professor. During his working period at Virginia Tech, his research focused on the molecular mechanisms underlying the replication and pathogenesis of hepatitis E virus (HEV), PRRSV and Torque teno sus virus. From September 2013 to December 2025, Dr. Huang served as a Professor in the Department of Veterinary Medicine at Zhejiang University, China. Dr. Huang has authored or co-authored over 130 peer-reviewed publications in high-impact journals including *PNAS*, *Cell Reports*, *Journal of Hepatology*, *Autophagy*, *mBio*, and *Journal of Virology*. He currently serves as Associate Editor of *Veterinary Microbiology* and Editorial Board Member of *Journal of Virology*, *Virology*, and *Virus Research*. His current research interests focus on the pathobiology, interspecies transmission mechanisms, and vaccine development of emerged swine enteric coronaviruses (PEDV, PDCoV, and SADS-CoV), as well as the molecular biology of HEV.

2. Title of the presentation:

New PEDV Epidemic Patterns in China: Virulent G2c Variants and S-INDEL Clade-2 Recombinants and Their Implications for Global PEDV Evolution