



TECHNOLOGY

Avian Pneumovirus Subtypes: Potential for Vaccine Development and Diagnostics

OVERVIEW

The U.S. poultry industry continues to thrive because of the high demand for poultry products for direct consumption. However, as the scale of production grows to meet consumer demand, so does the danger of avian viruses and diseases, which can infect and decimate entire flocks of poultry. One of the more troubling and economically devastating viruses is the avian pneumovirus, or APV, which causes acute respiratory disease in turkeys.

Researchers in the University of Maryland's College of Veterinary Medicine have identified a novel avian pneumovirus strain, genes and intergenic sequences. Methods have also been developed for making recombinant live-attenuated vaccines and methods for diagnosing avian pneumovirus.

For additional information, please contact the Office of Technology Commercialization, University of Maryland. Phone: 301-405-3947. E-mail: otc@umd.edu.

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Additional Information

INSTITUTION

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PATENT STATUS

Issued

LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Vaccines

EXTERNAL RESOURCES

- [US Patent 7,510,863](#)

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