



Dr. Shin-Hee Kim  
Assistant Professor of Virology  
University of Maryland  
College of Agriculture and Natural Resources  
Virginia-Maryland Regional College of  
Veterinary Medicine  
shinkim@umd.edu  
(301) 314-4107



**Area of Expertise:**

- Pathogenesis of avian influenza viruses
- Development of avian influenza vaccine
- Newcastle disease virus vectored vaccine for avian influenza vaccine

**Focus of Research:**

- Evolution of antigenicity of avian influenza viruses
- Identification of molecular determinants of avian influenza virulence
- Evaluation of transmissibility of emerging avian influenza viruses
- Vaccine development against highly pathogenic avian influenza viruses for human and veterinary use