



Dr. Sunil K. Khattar
Research Assistant Professor
University of Maryland
College of Agriculture and Natural Resources
Virginia-Maryland Regional College of
Veterinary Medicine
skattar@umd.edu
(301) 314-0687



Area of Expertise:

- Molecular Biology of economically important animal viruses
- Viral diseases of poultry
- Viral Vector development
- Vaccine development against animal and human viral diseases

Focus of Research:

- Molecular biology of Newcastle disease virus and different RNA and DNA viruses
- Studying the incidence, prevalence and control of infectious bronchitis virus in chickens.
- Vaccine development of Newcastle disease virus, infectious laryngotracheitis virus and other avian viruses.
- Use of Newcastle disease virus as a vaccine vector for viral diseases affecting birds, farm animals and humans.

Current Funded Projects (Source):

- Newcastle disease virus vectored vaccines for Porcine Epidemic Diarrhea Virus infection
- NIH/NIAID Simian Vaccine Evaluation Units (SVEU) contract 2015:
Evaluation of immune responses in rhesus macaques after priming with Newcastle disease virus and boosting with trimeric gp145 proteins from Indian Clade C HIV-1 isolates