

EDITORIAL SEPTEMBER 2025

Dear Readers,

This edition of the IJVM features a follow-up article to Dr. Perlman original and ground breaking article on a novel reovirus vaccination procedure against arthritis/tenosynovitis in chickens based on controlled exposure of breeding flocks to a wild type live reovirus (1).

Professor Süheyla Türkyilmaz, has offered numerous articles to our journal on mechanisms of bacterial drug resistance. In the article presented in this issue, Professor Türkyilmaz investigates extended-spectrum beta-lactamase production, biofilm formation capacity and antimicrobial resistance profiles of *Escherichia coli* isolates causing colibacillosis in broilers. Studies such as this are aimed at the development of effective prevention and control strategies to treat multi-resistant infections both in animals and humans.

Professor Aslantas' article, in the effort for finding a possible solution to multidrug resistance, presents data regarding a phage for the treatment of *Pseudomonas aeruginosa*. The study found that the genetic and biological characteristics of the phageHMKU_23 makes this phage a potential candidate for phage therapy against *P. aeruginosa* infections. This direction of research hopefully will be another method for effective prevention and control strategies to treat multi-resistant infections in both animals and humans.

Best wishes to all.

Sincerely,

Dr. Trevor (Tuvia) Waner

Editor-in-Chief, Israel Journal of Veterinary Medicine

REFERENCES

1. Perelman, B., Krispin, H., Solomon, A., Elrom, K. and Farnoushi, Y.: Use of Controlled Exposure as a Novel Method for Reovirus Arthritis/Tenosynovitis Prevention. A Preliminary Report. Isr. J. Vet. Med. 74: 163-172, 2019.