

Dear Readers,

This edition of the Israel Journal of Veterinary Medicine (IJVM) is special in that it presents some interesting and novel articles, which should be of importance to many of our readers. Antimicrobial Resistance (AMR) is regarded by the World Health Organization as one of the foremost global public health and development threats. The WHO estimated that in that AMR was directly responsible for 1.27 million global deaths in 2019. Furthermore, AMR has significant economic costs. The World Bank estimates that AMR could result in US\$ 1 trillion additional healthcare costs by 2050, and US\$ 1 trillion to US\$ 3.4 trillion gross domestic product (GDP) losses per year by 2030. Sadly, AMR puts many of the gains of modern medicine at risk by making other medical procedures and treatments – such as surgery, caesarean sections and cancer chemotherapy – much more risky. Under the supervision of Prof. Turkyilmaz, using the most up-to-date research techniques, she has published, many first rate original research articles in the IJVM. I am grateful to Prof. Turkyilmaz for her contribution to the journal.

In the current journal, Prof. Turkyilmaz and Dr. O. Hacıoglu have supervised the publication of an article entitled “Biofilm Production Potential of *Salmonella* Enteritidis and Infantis Serovars Isolated from Broiler Flocks”. Biofilm formation is one of the mechanism used by bacteria to overcome the effects of antibiotics. I recommend reading this interesting article and if your interest has been stimulated to can see many other articles by Prof. Turkyilmaz, on the subject of AMR, they are available on the IJVM website.

This edition also includes an original article dealing with horses from the Koret Veterinary School and Hospital of the Hebrew University by Drs. Haion, O. and Kelmer, G., dealing with the use of amorphous calcium carbonate as a supplement for “treating equine orthopedic lesions: A Report on Eleven Cases”. Horses with broken legs often end up euthanized. A horse can survive a broken leg, but it is the complications that arise which make it difficult and unlikely. This article gives hope to horses with orthopedic conditions and is the first study of the effect of increasing the bioavailability of calcium to improve the prognosis for a more rapid and complete recovery.

The journal presents an article dealing with the evaluation of an in-house kit developed by The Israeli veterinary biotech company “Biogal” for the detection of *Neospora caninum*, antibodies in cattle. The Israeli Hi-Tech Biological Company “Biogal” has contributed both in Israel and Worldwide to veterinary Diagnostics. The article on Neosporosis is another contribution to veterinary medicine requiring diagnoses for definite diseases for reliable and rapid diagnostic kits.

Wishing all our readers all the very best.

*Sincerely,*

*Dr. Trevor (Tuvia) Waner*

Editor-in-Chief, Israel Journal of Veterinary Medicine