



## EDITORIAL

Dear Colleagues,

The current coronavirus (COVID-19) pandemic represents a significant international challenge due to a lack of existing innate immunity or availability of an effective vaccine. The novelty and clinical form of the virus spurred research and publications at an unprecedented speed. Although the primary focus of most of these research is the clinical management of the disease process in humans and the possible origin of the virus, other areas of research importance, including the economic and ecological impacts of this global pandemic, are rapidly emerging. The necessary implementation of social distancing measures to reduce infection rates in populations has already had to undesirable consequences in many areas.

Though Coronaviruses are not new at all and have been associated with human and animal diseases (domestic and wild animals, poultry, and rodents) for the past many years. However, such zoonotic infections, as either pandemic, epidemic, and endemic, have a damaging effect and impose a significant threat to human life, public security, health, and national economic growth. From the future perspective, it is alarming and challenging to prepare for a complicated situation to keep human beings at the safe end.

The vaccination activities of our animals and the services for food safety that ensure the delivery of animal products to our people by protecting the health chain should be managed successfully. Correct execution of the fight against vectors that play a role in some of the zoonotic diseases is one of the basic stages of protection from zoonoses. It should not be forgotten that zoonotic diseases cause the death of many animals as well as human deaths and cause serious economic losses for countries. Today, veterinarians, as all over the world; Avian influenza, Hydatid cyst (*Echinococcus granulosus*), Crimean Congo Hemorrhagic Fever, Brucella, Tuberculosis, Anthrax, Mad Cow Disease (Bovine Spongiforme Encephalopathy and Rabies) and rabies are struggling with very risky diseases. Veterinarians have an important role in the consumption of healthy food and in the prevention of diseases transmitted from animals to humans. AIDS, CCHF, West Nile Virus epidemic, Avian influenza, Swine influenza virus, SARS, MERS and the most recent COVID-19 pandemic that have occurred in the last 50 years are direct animal-borne outbreaks. Animals, which are especially important protein sources in human nutrition, are occasionally exposed to epidemics such as anthrax, plague and influenza, and our food resources are negatively affected. Healthy food and healthy environment are indispensable conditions for healthy people. Current scientific data do not provide evidence that pets such as dogs, cats, cattle (Livestock) or pigs are carriers or infectious animals such as Sars-CoV-2 (Coronavirus) or Covid-19.

With the pandemic process, taking precautions in the current literature, it is recommended that COVID-19 patients limit their contact with pets until more information about the virus is available. According to The National Association of State Public Health Veterinarians (NASPHV), it is recommended that individuals infected with COVID-19 take care of their pets by healthy individuals rather than themselves. If COVID-19 patients need to take care of their pets, they should wear a face mask; It is also recommended by international veterinary organizations (NASPHV) that they don't share their own food, don't have close contact with the animal, and wash your hands before and after any contact with them.

To understand the current impact of this crisis at the local and global level, a study has been completed that could help identify the ongoing impact of COVID-19 to identify the lessons to be learned. EJVS special issue will be able to contribute to determining future strategies to inform animal owners and the wider audience for the successful completion of this pandemic. This special issue of the Eurasian Journal of Veterinary Sciences has completed its special issue with studies dealing with these issues.

This special issue will be a very important resource at national and international level to take a look at the latest trends and updates aimed at providing more information on the struggle against coronaviruses and COVID-19. This special issue has been completed with researches and compact reviews about Coronaviruses and COVID-19 using different strategic measures. Articles of this special issue is designed to cover all the important aspects involving thematic aspects.

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