



## Major Role and Importance of Veterinary Medicine in Animal Health

Shan Shan\*

*Department of Food Science and Technology, Nanchang University, Nanchang, China*

### DESCRIPTION

Veterinary medicine deals with the treatment and prevention of animal diseases, illnesses and disorders. Veterinarians also play an important role in promoting animal welfare by advising and educating owners on how to care for their pets. Some veterinarians specialize in treating certain types of animals, while others take care of livestock, wildlife and livestock. A small selection of veterinarians work in agribusiness to ensure a safe food supply and help farmers comply with animal welfare laws while maximizing productivity.

Veterinary medicine is also an important scientific discipline that has widespread impact on the world. Researchers at the University of Cambridge's School of Veterinary Medicine are working on several projects to explore sustainable agricultural practices, the decline of marine life.

Veterinary medicine and care are the most important elements for a veterinarian. It helps farmers and pet owners keep their animals healthy and disease free. The medicine helps relieve the pain of the suffering animal and therefore treats the animal in case of illness.

Veterinary drugs are needed to maintain the level of food safety and availability. These medicines help minimize or eliminate the negative effects of animal health on human health. Such medicines guarantee the production of safe animal products (milk, meat, eggs). It also prevents harmful food-borne pathogens from entering the human body.

Veterinary medicine is widespread, with or without professional supervision. Professional care is most often led by veterinarians (also known as veterinarians, veterinarians or "veterinarians"), but also veterinary nurses, such as veterinary assistants and technicians. This can be complemented by specific specialties such as veterinary physiotherapy or dentistry or other associate professionals with species-related roles such as farriers.

Veterinary medicine is used to monitor and control zoonotic diseases (zoonosis) (infectious diseases transmitted from non-human animals to humans), food safety and human application through medical research. It also helps to maintain food supply by monitoring and treating the health and mental health of livestock by maintaining the health and longevity of pets. Veterinarians often work with epidemiologists and other health or physical scientists, depending on the nature of their work. Ethically, veterinarians are usually obliged to pay attention to the welfare of animals. Veterinarians can help you diagnose and treat your animals and keep them safe and healthy.

The management of veterinary drug residues has become an important issue in the European Union's (EU) food safety policy. In the EU, veterinary drugs (animal drugs) are "presented to treat or prevent a disease in an animal or administered to an animal to make a medical diagnosis or to cure or correct. It is defined as "a substance or combination of substances that may occur" or "to treat changes in the physiological function of the animal".

The presence of veterinary drugs in meat and edible tissues that exceed standards can affect food trade and human health. Various official drug residue monitoring programs are in place to manage drug residues. With all these measures in place, animal-derived foods are safer than ever, but many food safety incidents over the last few decades have raised suspicions and concerns for consumers.

Disease prevention is an important part of comprehensive veterinary care. Effective preventive medicine programs increase the research value of animals by maintaining healthy animals and minimizing unrecorded sources of variability associated with illnesses and unexplained infections.

**Correspondence to:** Shan Shan, Department of Food Science and Technology, Nanchang University, Nanchang, China; E-mail: skshanshan@edu.cn

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