

ALUMNO: Erika Janeth Roblero Hernández

LICENCIATURA: Médico Veterinario Zootecnista

DOCENTE: Enrique Eduardo Arreola Jimenes

MATERIA: Ingles 1

ACTIVIDAD: Ensayo de la historia y la importancia de la veterinaria

GRUPO Y GRADO: 1ro B

FECHA: 23/09/2023



Meaning and importance of veterinary medicine

This essay is a work on veterinary medicine, also called veterinary sciences, something very important in the health environment. But what is veterinary medicine? Veterinary medicine is a very important type of medical specialty since it is the basis for the prevention, diagnostic control and cure of diseases that affect the health of domestic and wild animals, which is also a science that benefits humanity since it is concerned with preventing the transmission of animal diseases to humans. The objective of this essay is to present the history of veterinary medicine and its importance to animal health, as well as the many important contributions to human health, and how it interacts with private industry in areas such as marketing of animal health products, animal health monitoring in large commercial animal production programs and biomedical research.

People who serve as doctors to animals have existed since early times, although the practices were established as a specialty as early as 200 BC in the places of Babylon and Egypt. Today veterinarians serve throughout the world in private and corporate clinical practice, academic programs, private industry, government service, public health, and military services. Veterinary medicine has made many important contributions to human and animal health, including dramatic reductions in animal sources of human exposure to tuberculosis and brucellosis. According to the recognition of the World Health Organization (WHO), there are around 450 veterinary degree programs around the world. The professional training of veterinarians is usually divided into two phases: the first phase consists of classroom studies and laboratory work in the preclinical sciences, while the second phase focuses on the clinical sciences and includes classroom studies of infectious diseases and non-infectious. An important challenge for veterinary medicine is to adequately address the diversity of animal species. Veterinarians also address the health needs of domestic animals including cats, dogs, chickens, horses, cows, sheep, pigs, goats and wildlife.

Public health veterinarians are those veterinarians who practice veterinary medicine with a specific focus on protecting human and animal populations from diseases and injuries caused by animal-related sources. Public health veterinarians are the first and best line of defense against animal diseases that could threaten public health and our national security. Biomedical research is the broad area of science that seeks ways to prevent and treat diseases, as they can cause death in people and animals. This general field of research includes many areas of life and chemical sciences. Using biotechnological techniques, biomedical researchers study biological processes and diseases with the ultimate goal of developing effective treatments and cures, biomedical research is an evolutionary process that requires careful experimentation by many scientists, including biologists and chemists. In this environment veterinarians must register or employ organizations that participate in biomedical research involving animals.

In conclusion, veterinary science is a multidisciplinary subject that includes research on the diagnosis, control, prevention, and treatments of animal diseases, as well as basic zoology, welfare, and care of animals. In the scope of veterinary medicine, today's veterinarians are the only doctors educated to protect the health of animals and people, thus constantly working to address the health and well-being needs of each animal species, so veterinarians also play a critical role in environmental protection, research, food safety and public health. And above all this we know that the most crucial elements are medicines, since they help people keep their animals healthy and free of diseases, so they also help minimize or eliminate the negative effects on the health of animals in people.

. <https://www.britannica.com/science/veterinary-medicine>

. <https://nexgenvetrx.com/blog/veterinary-medicine-its-importance->

7. <https://www.ashishlifescience.com/importance-of-veterinary-medicine-in-maitaining-animal-health/>