ONE HEALTH

BY PROTECTING ANIMALS, WE PRESERVE OUR FUTURE

Animal and human sectors work together to protect health and ensure food safety and security

60% of human pathogens are of animal origin

5 new human diseases appear each year

20% of animal production losses are caused by diseases globally

With regards to animal health, veterinarians are key players of the 'One Health' approach

Early detection of diseases and infections at their animal source can prevent transmission to humans or introduction of pathogens into the food chain

FROM FARM

Healthy animals raised in humane conditions

1 PRODUCTION

- Surveillance, prevention and control of animal diseases
- Animal welfare management to ensure robust and healthier animals
- Feed quality control
- Safe use of veterinary drugs

2 TRANSPORT

- Only healthy animals transported
- Animal health and welfare monitored during the journey from the farm to the slaughterhouse

3 SLAUGHTERHOUSE

Before slaughter
- Analysis of the health data from the farm
- Clinical examination

After slaughter
- Inspection of the carcass
- Laboratory analysis

4 PROCESSING, STORAGE AND DISTRIBUTION

- Verification of hygiene
- Cold chain integrity

5 SUPERMARKET RESTAURANT

- Verification of hygiene
- Cold chain integrity

TO FORK

Safe food for consumers

Open cooperation with all the actors involved along the food chain is essential

THROUGHOUT THE FOOD CHAIN

Veterinarians are responsible for regulations on animal health, animal welfare, traceability, food safety and safe trade of animal products

European Commission

World Organisation for Animal Health
Founded as OIE

Other examples of veterinarians protecting the health and welfare of animals, and thus also protecting the health of humans

Dog vaccination against rabies

Awareness of responsible dog ownership

Dog identification

Control of free roaming dog populations

99% of human rabies cases are due to bites from infected dogs

100% of human cases can be prevented

RABIES

Eliminating diseases and infections at their animal source to save human lives

Antimicrobials are drugs used to treat infections in both humans and animals

ANTIMICROBIALS

Ensuring appropriate use of drugs in animals to preserve their effectiveness

Prescription and administration of antimicrobials to animals under the supervision of **well-trained veterinarians**

Their misuse in humans or in animals can lead to the emergence of bacteria resistant to their action, and hamper the control of animal and human diseases

Tracking and controlling animal diseases, including those transmissible to humans

AVIAN INFLUENZA

Rapidly containing such outbreaks is necessary to prevent potential mutations of the virus and risks of transmission to humans

Avian influenza generates huge production losses in animals

Prevention and control of animal diseases

Surveillance and early detection of sanitary events, including wildlife

European Commission

ec.europa.eu/dgs/health_food-safety

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www.woah.org/en/what-we-do/global-initiatives/one-health/