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’ concept

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

FROM FARM
- Healthy animals raised in humane conditions
- Surveillance, prevention and control of animal diseases
- Animal welfare management to ensure robust and healthier animals
- Feed quality control
- Safe use of veterinary drugs

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

TRANSPORT
- Before slaughter
  - Analysis of the health data from the farm
  - Clinical examination
- After slaughter
  - Inspection of the carcass
  - Laboratory analysis

SLAUGHTERHOUSE
- Verification of hygiene
- Cold chain integrity

PROCESSING, STORAGE AND DISTRIBUTION
- Verification of hygiene
- Cold chain integrity

SUPERMARKET RESTAURANT
- Safe food for consumers

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

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

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European Commission

World Organisation for Animal Health
Protecting animals, preserving our future
Eliminating diseases and infections at their animal source to save human lives

Tracking and controlling animal diseases, including those transmissible to humans

Rabies
- Dog vaccination against rabies
- Awareness on responsible ownership
- Dog identification
- Control of stray dog populations

100% of human cases can be prevented

Avian influenza
- Infected dogs cause more than 95% of human cases through bites

Antibiotics
- Ensuring appropriate use of drugs in animals to preserve their effectiveness
- Prescription and administration of antibiotics to animals under the supervision of well-trained veterinarians

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

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

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

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