

**Mustansiriyah University**  
**College of science**  
**Biology Dept.**

**Zoology**  
**4th class**

**Zoonoses lab. (1)**

# What are zoonoses

- **Zoonotic** :diseases that are transmitted from animals to humans and may give problems in humans.
- **direct zoonoses** the disease is directly transmitted from animals to humans through media such as air , saliva.
- **reverse zoonoses**: Diseases that are transmitted from humans to animals.

# transmission

- Zoonotic **transmission** can occur in any context in which there is companion (**pets**), economic (**farming**, etc.), predatory (**hunting, butchering** or **consuming wild game**) or research contact with or consumption of animals, animal products, or animal derivatives (**vaccines**, etc.).

# What kind of animals transmit zoonoses

## Farm Animals

- Cattle
- Swine
- Goats
- Cats & dogs
- Poultry

## Wild Animals

- Ticks
- Squirrels
- Raccoons
- Mice/rodents
- others

# Farmers more susceptible to contracting zoonoses

- More likely to share air and space with animals
- More contact with domestic and wild animals

# How are disease transmitted?

- **Every day contact with animals.**
- **Transporting carcasses.**
- **By-products (feces/urine).**
- **Scratches or bites.**
- **From milk and milking.**
- **Contaminated soils.**
- **Contaminated meats.**

# Healthy animals, healthy people

