

# Animal' Diseases

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Animals' diseases are disorders that influence an animal's health and ability to function.

# Classification of Animal Diseases

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- **Zoonoses** (animal diseases that can be transmitted to humans )-toxocaraze ; psittacosis; hantavirus pulmonary syndrome
- **Infectious** (caused by an agent, such as bacteria or a virus, which penetrates the body's natural defense mechanisms ) - **noninfectious** diseases (caused by factors such as diet, environment, injury, and heredity.)



# Infectious Diseases

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## □ ANIMAL DISEASES CAUSED BY BACTERIA

Salmonellas

Anthrax

Leptospirosis rabies

Brucellosis

Tuberculosis (TB)

Kennel cough



# Infectious Diseases

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## □ VIRAL DISEASES

Feline leukemia

Foot-and-mouth disease

Canine distemper



# NONINFECTIOUS DISEASES

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- Heatstroke
- hypothermia or frostbite
- nutritional secondary hyperparathyroidism
- hypertrophic osteodystrophy
- a goiter
- Trauma
- Hip dysplasia
- generalized demodectic mange

# NONINFECTIOUS DISEASES

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- autoimmune diseases, include
  - pemphigus foliaceus(?), a skin disease of dogs, cats, and horses;
  - rheumatoid arthritis(ревматоидный артрит), a severe type of arthritis that involves inflammation of the joints.
  - hemolytic anemia(гемолитическая анемия), the animal's

own red blood cells are destroyed by its immune system



# NONINFECTIOUS DISEASES

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- Cancer exists in all animals. It is classified as either benign—that is, relatively Noninvasive (неинвазионный) and unlikely to return after treatment; or as malignant(злокачественный)—that is, aggressive and likely to spread.

# Fill in the scheme 1

Animal Diseases

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graph TD; A[Animal Diseases] --- B[ ]; B --- C[ ]; B --- D[ ]; B --- E[ ]
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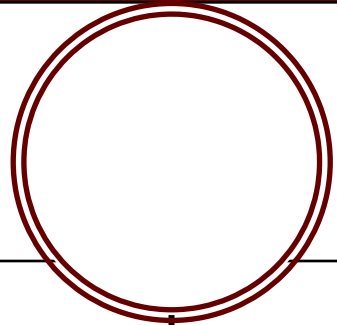


Fill in the scheme 2

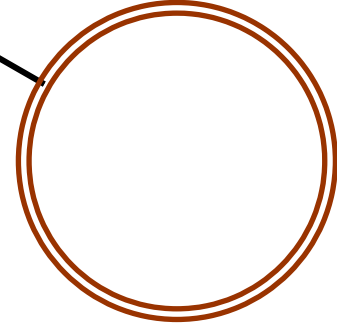
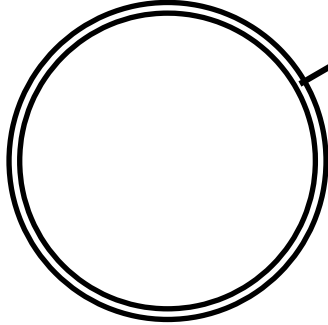
Infectious Diseases

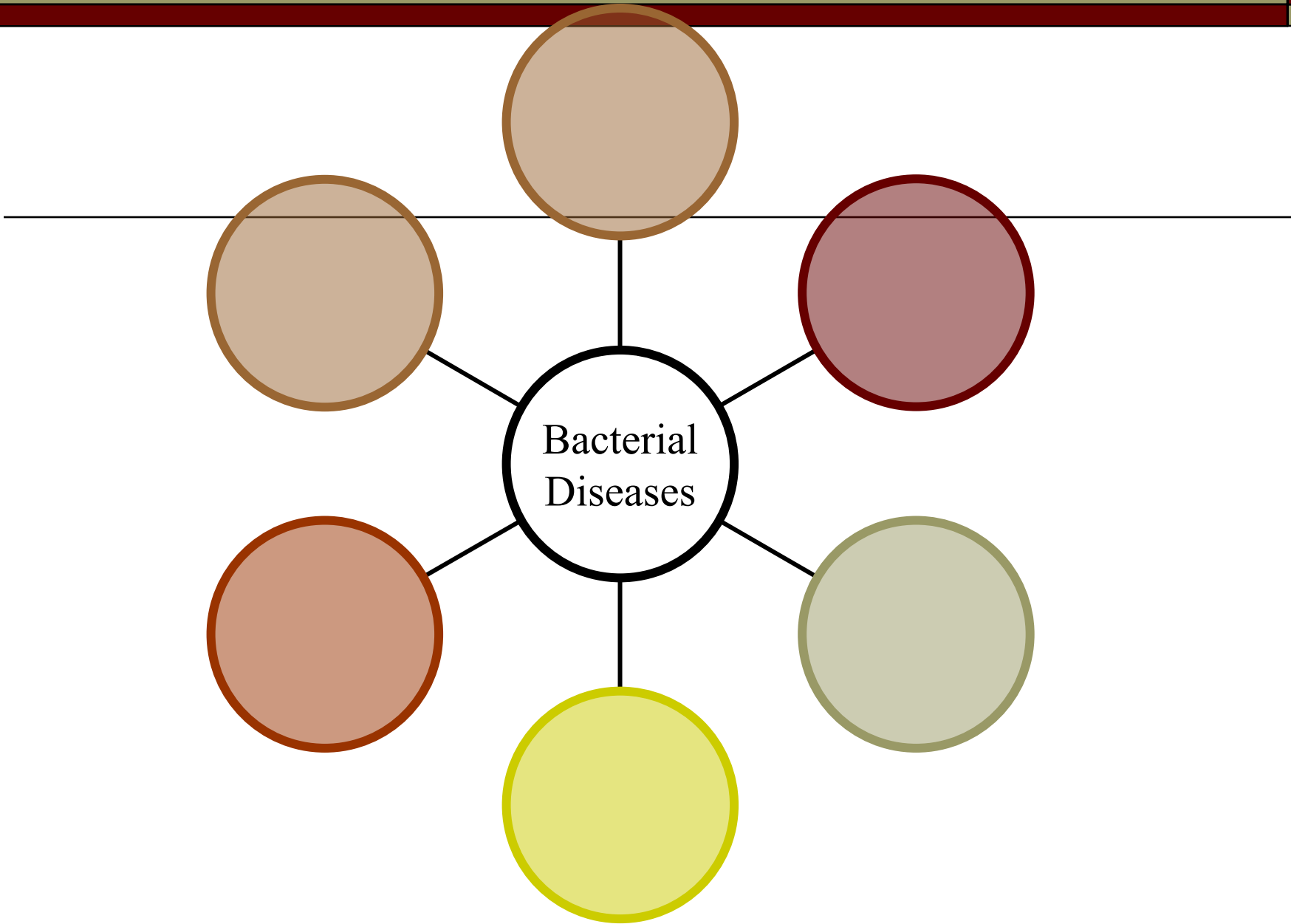
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graph TD; A[Infectious Diseases] --- B[ ]; A --- C[ ]
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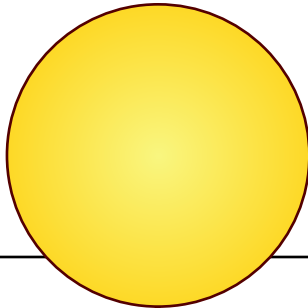
The diagram consists of a central yellow rounded rectangle containing the text 'Infectious Diseases'. Two vertical lines extend downwards from the bottom corners of this rectangle, each leading to a separate, empty yellow rounded rectangle. The entire diagram is set against a background of a grid with a dark red and olive green header bar at the top.



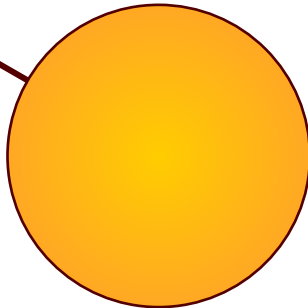
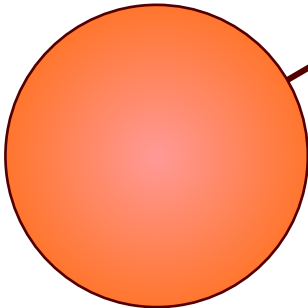
zoonos  
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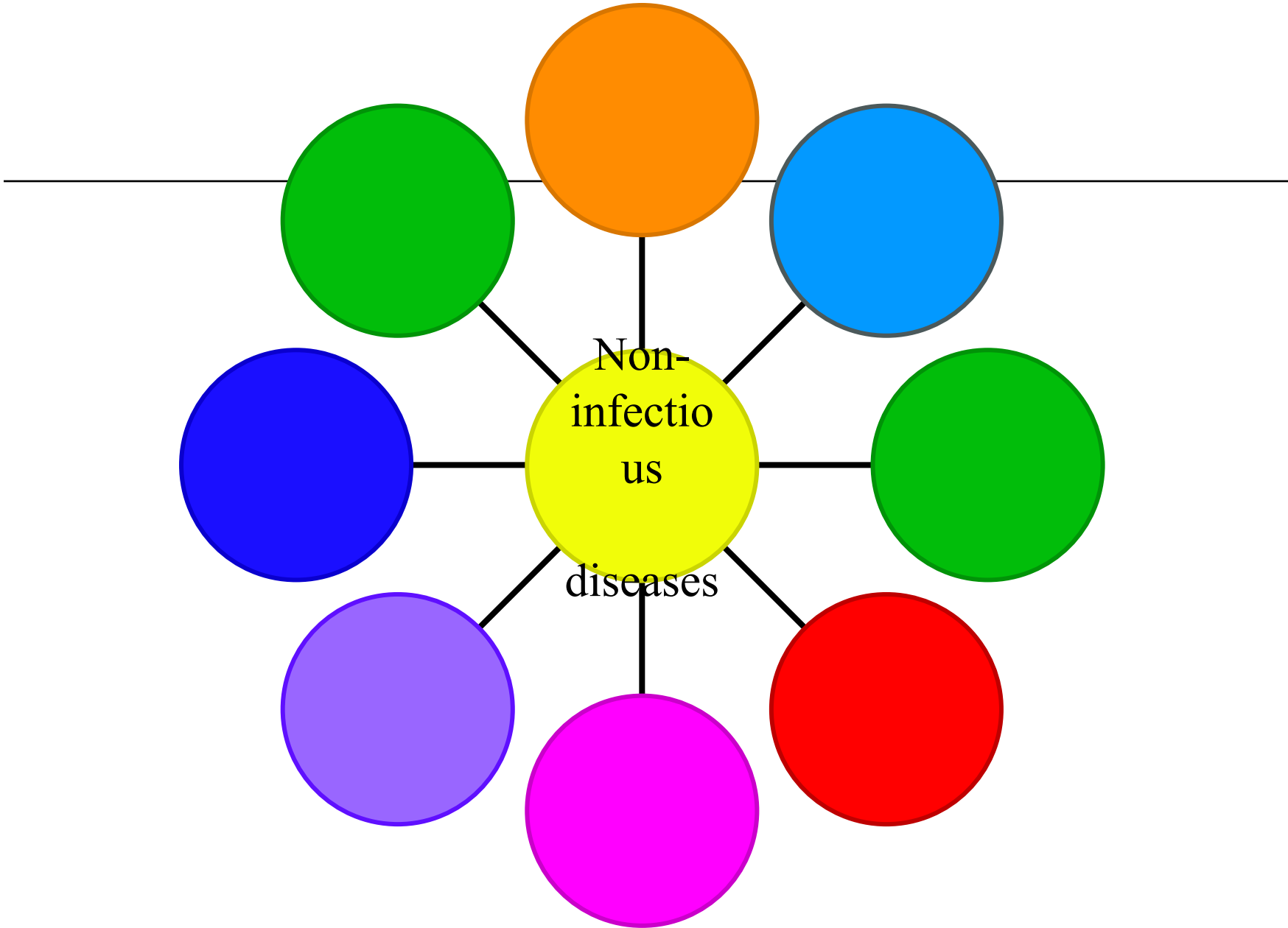
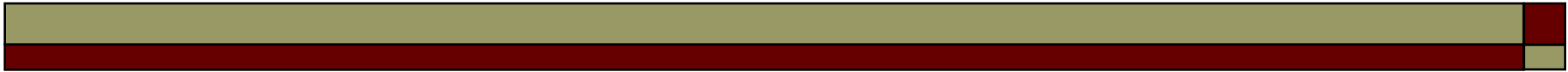






Viral  
Disease  
s







# Fill in the gaps

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- 1) Animal diseases are characterized as .....  
and .....
- 2).....diseases are caused by an agent, such as bacteria or a virus, which penetrates the body's natural defense mechanisms, while ..... diseases are caused by factors such as diet, environment, injury, and heredity.

# Fill in the gaps

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Animals' diseases are ..... that influence an animal's ..... and ability to function.

Some animal diseases can be transmitted to humans, and control of these types of diseases, known as .....

.....is any disease caused by the Salmonella bacteria, characterized by septicemia and severe diarrhea.

# Fill in the gaps

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- ....is one of the oldest and most destructive diseases recorded in history. Caused by the bacterium *Bacillus anthracis*.
- ....is caused by spiral *Leptospira* bacteria, influences cattle, dogs, pigs, sheep, goats, and humans.
- .....also causes abortion, as well as swelling of the reproductive organs in males. Caused by the *Brucella* bacterium, it occurs primarily in cattle, pigs, sheep, dogs, and goats, and may be transmitted to humans.



# Fill in the gaps

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- ...is a chronic disease of animals and humans, caused by bacteria of the genus *Mycobacterium* and transmitted by inhalation of droplets from an infected animal's cough or sneeze, or by wound infection.
- ...is a respiratory disease of dogs that is caused by the bacterium *Bordetella bronchiseptica*, with or without the aid of various viruses

