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DEPARTMENT: CLINICAL SCIENCES I

DISCIPLINE: INFECTIOUS DISEASES, PREVENTIVE MEDICINE AND CLINICAL LECTURES ON SPECIES

Course responsible teacher: Professor Stelian BĂRĂITĂREANU, DVM, PhD

TOPICS AND REFERENCES

I. Transboundary diseases and main zoonoses

1. Foot and mouth disease; 2. African swine fever; 3. Newcastle disease; 4. Avian Influenza; 5. Bluetongue disease; 6. Rabies; 7. Equine infectious anaemia; 8. Aujeszky disease; 9. Bovine enzootic leucosis; 10. Marek disease; 11. Pox diseases in mammals and poultry

II. Bacterial diseases (grouped etiologically and/or pathogenetically and zoonotic)

1. Diseases produced by *Mycobacterium* species – tuberculosis, paratuberculosis; 2. Diseases produced by *Brucella* species; 3. Diseases produced by *Pasteurella* species in mammals and birds; 4. Avian and mammals salmonellosis; 5. Erysipelas in poultry and mammals; 6. Listeriosis; 7. Anthrax; 8. Tetanus; 9. Botulism

III. Bacterioses (grouped by pathogens)

1. Diseases produced by *E. coli*
2. Diseases produced by *Haemophilus* sp
3. Diseases produced by *Bordetella* sp
4. Diseases produced by *Clostridium* sp
5. Footrot
6. Streptococcal disease.
7. Staphylococcal diseases.
8. Avian and mammals diseases produced by *Mycoplasma* sp.

IV. Avian viral diseases

1. Avian Infectious laryngotracheitis.
2. Egg drop syndrome.
3. Infectious bronchitis.
4. Gumboro disease.
5. Infectious anaemia of chickens.

V. Viral diseases of domestic mammals

Swine diseases : 1. Transmissible gastroenteritis
2. Porcine epidemic diarrhoea
3. Porcine Reproductive and Respiratory Syndrome
4. Porcine Circovirus Diseases
Ruminants' diseases (bovines, sheep, goats)
1. Infectious Bovine Rhinotracheitis (IBR)
2. Bovine Viral Diarrhoea and Mucosal Disease Complex (BVD-MD)
3. Maedi Visna
4. Prion diseases (scrapie; ESB).
5. Caprine Arthritis and Encephalitis
Horses' diseases: 1. Equine rhinopneumonitis – viral abortion of mares
2. Equine viral arteritis
3. Equine infectious anaemia
Dogs and cats' diseases:
1. Canine distemper
2. Infectious canine hepatitis
3. Canine parvovirus infection
4. Feline panleukopenia
5. Feline coronavirus infections

REFERENCES

1. Doina Daneş: Electronic course support, provided 2023-2024
2. Dragos Cobzariu: Electronic course support, provided 2023-2024; 2024-2025
3. Stelian Băraităreanu: Electronic course support, provided 2024-2025
4. OM Radostits, DC Blood, CCGay, 1994, 8-th edition, Ed. Bailliere Tindall : Veterinary Medicine - a textbook of the diseases of cattle, sheep, pigs, goats and horses
5. Jane Sykes, Craig Greene, 2011, Greene's Infectious Diseases of the Dog and Cat
6. OIE: <http://www.oie.int/en/animal-health-in-the-world/oie-listed-diseases-2012/>
7. FAO: <http://www.fao.org/documents/en/Diseases%20and%20pests%20of%20animals%20and%20plants/topicsearch/2>
8. WHO: <http://www.who.int/zoonoses/diseases/en/>
9. GLEWS: <http://www.glews.net/>

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