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## DEPARTMENT: CLINICAL SCIENCES

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

Course responsible teacher: Professor Doina DANEȘ, DVM, PhD

#### TOPICS AND REFERENCES

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| <b>I. Transboundary diseases and main zoonoses</b>   | 1. Foot and mouth disease.; 2. African swine fever; 3. Newcastle disease; 4. Avian Influenza; 5. Blue tongue; 6. Rabies; 7. Equine infectious anemia; 8. Aujeszky disease; 9. Bovine enzootic leucosis; 10. Marek disease; 11. Pox diseases in mammals and poultry  |
| <b>II. Bacterial diseases (grouped etiologically and/or pathogenetically and zoonotic)</b> | 1. Diseases produced by <i>Mycobacterium</i> species – tuberculosis, paratuberculosis; 2. Diseases produced by <i>Brucella</i> species; 3. Diseases produced by <i>Pasteurella</i> species in mammals and avian; 4. Avian and mammals salmonellosis; 5. Erysipelas in mammals and avian; 6. Listeriosis.                              |
| <b>III. Bacteriosis (grouped by pathogens )</b>  | 1. Diseases produced by <i>E. coli</i><br>2. Diseases produced by <i>Haemophilus sp</i><br>3. Diseases produced by <i>Bordetella sp.</i><br>4. Diseases produced by <i>Clostridium sp.</i><br>5. Footrot<br>6. Streptococcal disease<br>7. Staphylococcal diseases<br>8. Avian and mammals diseases produced by <i>Mycoplasma sp.</i> |
| <b>IV. Avian viral diseases</b>  | 1. Avian Infectious laryngotracheitis<br>2. Egg drop syndrome<br>3. Infectious bronchitis<br>4. Gumboro disease<br>5. Infectious anemia of chickens   |
| <b>8. Viral diseases of domestic mammals</b>   | Swine diseases :1. Transmissible gastroenteritis<br>2. Epidemic diarrhea<br>3. Respiratory and reproductive syndrome<br>4. Porcine circovirus type 2 infection<br>5. PRRS<br><br>Ruminants diseases (bovines, sheep, goats)<br>1. Infectious rhinotracheitis<br>2. Bovine virus diarrhea - Mucosal disease<br>3. Maedi Visna          |

4. Prion diseases (scrapie; BSE).

5. Caprine arthritis encephalitis

*Horse diseases:* 1. Equine rhinopneumonia – Equine virus abortion

2. Equine viral arteritis.

3. Equine infectious anemia

*Dogs and cats diseases:*

1. Canine distemper

2. Infectious canine hepatitis

3. Canine parvovirus infection

4. Feline panleukopenia

5. Feline coronavirus infections

#### References:

1. **Daneş Doina**, Electronic course support, provided 2019-2020, 2020-2021

2. **Radostits OM, Blood DC, Gay CC**, 1994, 8-th edition, Ed. Bailliere Tindall: Veterinary Medicine - a textbook of the diseases of cattle, sheep, pigs, goats and horses

3. **Sykes Jane, Craig Greene**, 2011, Infectious Diseases of the Dog and Cat

4. OIE: <http://www.oie.int/en/animal-health-in-the-world/oie-listed-diseases-2012/>

5. FAO: <http://www.fao.org/documents/en/Diseases%20and%20pests%20of%20animals%20and%20plants/topicsearch/2>

6. WHO: <http://www.who.int/zoonoses/diseases/en/>

7. GLEWS: <http://www.glews.net/>