

Lecturer Title:

- 1- Introduction.
- 2- Intestinal protozoa (Amoeba, Balantidium, Giardia, Chilomastix)
- 3- Haemoflagellates: Leshmania spp.; Trypanosome spp.
- 4- Sporozoa: Malarial parasites of human; Toxoplasma.
- 5- Helminthes: Classification, Flukes: Hepatic flukes, Blood flukes (Schistosoma spp). Tap worms: Taenia spp., Echinococcus (Hydatid cyst). Nematods: Ascaris, Entrobilus.
- 6- Virology: Introduction, Comparison between viruses and bacteria and other microbes; Classification of viruses; Replication; Chemotherapy; Herpes viridae ; Orthomyxo viruses; Paramyxo viruses; Retro viruses; Hepato viruses; Oncogenic viruses.

**Immunology**

- 7- General introduction
- 8- innate & adaptive immunity
- 9- antigen characteristics
- 10- B&Tcells
- 11- complements
- 12- Hypersensitivity types
- 13- Oncogenic immunity
- 14- Auto immune diseases
- 15- Immune deficiency diseases