



IMMUNOPARASITOLOGY (Zoo 565)

Dr.Dina Metwally

Associate professor of Parasitology



Course

- Course title: **Zoo 565 Immunoparasitology**
- Credit hours: **2 (1+0+1)**
- Teacher name: **Dina Mahmoud**
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Evaluation and Assessment

Activities	%
1- First midterm exam	15%
2-Second midterm exam	15%
3-Practical	30%
4-Final Examination	40
Total	100



**25% absence from both lectures and labs
(approximately 10 hrs.), student will be
deprived from the course.**

Objectives

Study of the relations between various parasites and the immune system against them.

Topics covered are Malaria, Trypanosomiasis, Leishmaniasis, Schistosomiasis and other gastrointestinal parasites.



Contents

1- Topics to be Covered	No of Weeks	Contact hours
Immune System : organs, tissues & cells	1	1
Innate Immunity	1	1
Active Immunity	1	1
Parasite Antigens and Clinical Manifestations of Acquired Immunity in Parasitic Infections	1	1
Mechanisms of Immunopathology in Parasitic Infections	1	1
Mechanisms of Immune Evasion by Parasites	1	1
Mid-year exam	1	1
Immunity in Malaria	1	1
Immunopathology in Malaria	1	1
Immunology of Leishmaniasis	1	1
Immunity& Immunopathology in Schistosomiasis	1	1
Immunity& Immunopathology in Filariasis.	1	1
Host Defense and Allergic Disorders against Helminth Parasites.	1	1
Immunomodulation Induced in Chronic Helminth Infections	1	1