

MEDICAL PARASITOLOGY MIC 322  
SPRING 2016  
TUESDAY & THURSDAY 6:25-7:40PM  
LC 140 CORAL GABLES CAMPUS  
DR. ARBA AGER  
DR. KURT SCHESSER

- 1-12 Cellular & Molecular Biology & Metabolism of *Entamoeba histolytica*,  
*Naegleria*, *Acanthamoeba*, *Balamuthia*, *Giardia* & *Trichomonas*.
- 1-14 Pathogenicity & Immunology of *E. histolytica*, *Naegleria*, *Acanthamoeba*,  
*Balamuthia*, *Giardia* & *Trichomonas*.
- 1-19 Cellular & Molecular Biology & Metabolism of *Leishmania*.
- 1-21 Pathogenicity, Immunology & Vaccines of *Leishmania*.
- 1-26 Cellular & Molecular Biology of Malaria by Dr. Schesser
- 1-28 Pathogenicity, Immunology & Vaccines of Malaria by Dr. Schesser
- 2-2 Metabolism of Malaria
- 2-4 Cellular & Molecular Biology & Metabolism of Trypanosomes (*Trypanosoma*  
*cruzi*, *T. gambiense* & *T. rhodesiense*).
- 2-9 Pathogenicity, Immunology & Vaccines of Chagas' disease.
- 2-11 Pathogenicity, Immunology & Vaccines of African trypanosomes.
- 2-16 MIDTERM I
- 2-18 Cellular & Molecular Biology & Metabolism of *Toxoplasma*, *Cryptosporidium*,  
*Cyclospora*, & Microsporidia.
- 2-23 Pathogenicity & Immunology of *Toxoplasma*..
- 2-25 Pathogenicity & Immunology of *Cryptosporidium*, *Cyclospora* &  
Microsporidia.
- 3-1 Genomes of Protozoa 1
- 3-3 Genomes of Protozoa 2
- 3-7 to 3-11 Spring Break

- 3-15 Medically important Arthropods I
- 3-17 Medically important Arthropods II
- 3-22 Cellular & Molecular Biology & Metabolism of *Ascaris*, *Trichinella*, *Strongyloides* & Visceral larva migrans.
- 3-24 Pathogenicity & Immunology of *Ascaris*, *Trichinella*, *Strongyloides* & Visceral larva migrans.
- 3-29 MIDTERM II
- 3-31 Cellular & Molecular Biology & Metabolism of Filarids (*Wuchereria* and *Onchocerca*).
- 4-5 Pathogenicity, Immunology & Vaccines of Filarids
- 4-7 Cellular & Molecular Biology & Metabolism of Schistosomes
- 4-12 Pathogenicity, Immunology & Vaccines of Schistosomes.
- 4-14 Cellular & Molecular Biology & Metabolism of Tapeworms.
- 4-19 Pathogenicity & Immunology of Tapeworms
- 4-21 Genomes of helminths

TEXTBOOK – PARASITOLOGY A Conceptual Approach by Loker and Hofkin 2015.

POWER POINTS & ARTICLES WILL BE POSTED ON THE BLACKBOARD

TEST QUESTIONS WILL BE TAKEN FROM:

- 1) Lecture material
- 2) Assigned readings in textbook
- 3) Power points and Articles posted on the blackboard

## GRADING SYSTEM

1) 12 Tuesday Quizzes (can drop any 2 quiz scores)	25%
2) Midterm I	25%
3) Midterm II	25%
4) Final Exam	25%

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