

MEDICAL PARASITOLOGY MIC 322
SPRING 2013
TUESDAY & THURSDAY 6:25-7:40PM
LC 184 CORAL GABLES CAMPUS
DR. ARBA AGER

- 1-15 Cellular & Molecular Biology & Metabolism of *Entamoeba histolytica*, *Naegleria*, *Acanthamoeba*, *Balamuthia*, *Giardia* & *Trichomonas*.
- 1-17 Pathogenicity & Immunology of *E. histolytica*, *Naegleria*, *Acanthamoeba*, *Balamuthia*, *Giardia* & *Trichomonas*.
- 1-22 Cellular & Molecular Biology & Metabolism of *Leishmania*.
- 1-24 Pathogenicity, Immunology & Vaccines of *Leishmania*.
- 1-29 Cellular & Molecular Biology & Metabolism of Trypanosomes (*Trypanosoma cruzi* & *Trypanosoma gambiense* & *T. rhodesiense*).
- 1-31 Pathogenicity, Immunology & Vaccines of Chagas' disease.
- 2-5 Pathogenicity, Immunology & Vaccines of African trypanosomes.
- 2-7 Cellular & Molecular Biology of Malaria.
- 2-12 Metabolism of Malaria.
- 2-14 MIDTERM 1
- 2-19 Pathogenicity, Immunology & Vaccines of Malaria.
- 2-21 Chemotherapy of Malaria (Mechanisms of drug action & drug resistance)
- 2-26 Cellular & Molecular Biology & Metabolism of *Toxoplasma*, *Cryptosporidium*, *Cyclospora*, & Microsporidia.
- 2-28 Pathogenicity & Immunology of *Toxoplasma*..
- 3-5 Pathogenicity & Immunology of *Cryptosporidium*, *Cyclospora* & Microsporidia.
- 3-7 Genomes of Protozoans.
- 3-12 and 3-14 **Spring Recess**

- 3-19 Cellular & Molecular Biology & Metabolism of *Ascaris*, *Trichinella*, *Strongyloides* & Visceral larva migrans.
- 3-21 Pathogenicity & Immunology of *Ascaris*, *Trichinella*, *Strongyloides* & Visceral larva migrans.
- 3-26 Cellular & Molecular Biology & Metabolism of Filarids (*Wuchereria* and *Onchocerca*).
- 3-28 MIDTERM 11
- 4-2 Pathogenicity, Immunology & Vaccines of Filarids
- 4-4 Cellular & Molecular Biology & Metabolism of Schistosomes
- 4-9 Pathogenicity, Immunology & Vaccines of Schistosomes.
- 4-11 Cellular & Molecular Biology & Metabolism of Cestodes.
- 4-16 Pathogenicity & Immunology of Cestodes.
- 4-18 Genomes of helminths
- 4-23 Medically important Arthropods I
- 4-25 Medically important Arthropods II

TEXTBOOK – Human Parasitology 4th Edition 2013 by Burton J. Bogitsh

ARTICLES WILL BE POSTED ON THE BLACKBOARD

TEST QUESTIONS WILL BE TAKEN FROM:

- 1) Lecture material
- 2) Assigned readings in textbook and those posted on the blackboard
- 3) Textbook material

GRADING SYSTEM

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

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