

## Medical Parasitology, CBI04500

Date	Day	Topic Covered	Lecturer
Jan 7	Tuesday	Introduction to this class (schedule, grading etc.) Basic concepts in parasitology	Muralidharan
Jan 9	Thursday	Vector Biology 101 General biology and diversity of arthropods Introduction to key groups of medical interest	Striepen
Jan 14	Tuesday	Immunity to infection- a crash course	Tarleton
Jan 16	Thursday	Fundamental concepts in public health and tropical medicine	Colley
Jan 21	Tuesday	Trematodes or flukes Introduction to platyhelminth biology, life cycles, human lung and liver fluke disease	Moreno
Jan 23	Thursday	Schistosomiasis	Moreno
Jan 28	Tuesday	Biology of cestodes or tape worms	Moreno
Jan 30	Thursday	Introduction to the biology of nematodes	Muralidharan
Feb 4	Tuesday	Important human diseases caused by nematodes II, GI nematodes, immunity and hygiene hypothesis	Muralidharan
Feb 6	Thursday	Filariasis Pathogenesis of river blindness and lymphatic filariasis, control programs	Muralidharan
Feb 11	Tuesday	Exam I	
Feb 13	Thursday	Introduction to protozoa and entamoeba histolytica and human amebiasis	Muralidharan
Feb 18	Tuesday	Giardia & Trichomonas	Moreno
Feb 20	Thursday	American trypanosomes, Chagas disease and chronic infection	Moreno
Feb 25	Tuesday	Leishmania and the identification of molecular factors governing host parasite interaction	Moreno
Feb 27	Thursday	African trypanosomes I, biology of parasite and tse-tse vector, sleeping sickness and Nagana	Moreno
Mar 4	Tuesday	African trypanosomes II, antigenic variation and control of gene expression	Muralidharan
Mar 6	Thursday	Trypanosomes III, cell structure and function	Muralidharan
Mar 18	Tuesday	Toxoplasma I, biology of the parasite and development of disease	Moreno
Mar 20	Thursday	Toxoplasma II, the cell biology of host cell invasion	Moreno
Mar 25	Tuesday	Malaria I, parasite biology, disease and treatment	Muralidharan
Mar 27	Thursday	Malaria II, pathogenesis and drug treatment & resistance	Muralidharan
Apr 1	Tuesday	Exam II	Muralidharan
Apr 3	Thursday	Piroplasm, parasites and cancer	Muralidharan
Apr 8	Tuesday	Cryptosporidium & other opportunistic infections associated with AIDS	Moreno
Apr 10	Thursday	Chemotherapy of parasitic diseases	Docampo
Apr 15	Tuesday	Vaccines, vaccine uses and types	Muralidharan
Apr 17	Thursday	Developing vaccines for schistosomiasis	Harn
Apr 22	Tuesday	Vector control, new approaches	Moreno
Apr 24	Thursday	Class Review	