



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Protozoan Diseases of Humans							
Course Code		VPR553		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	3	Workload	74 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The goal of the lecture is the understand of the biological aspects of medically important protozoa, the clinical features and pathologies associated with the diseases they cause, and the public health issues involved in their epidemiology and control							
Course Content		To achieve the goal of the lecture, morphological features, life cycles, the clinical manifestations of the diseases, molecular and immunological basis of pathogenesis, ecology of disease transmission, antigenic variation, and molecular epidemiology will be discussed for many of the protozoan pathogens							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	2	10

Recommended or Required Reading

1	Mark F. Wiser, Protozoa and Human Disease Garland Science, 2011 - 218 sayfa
2	ertram Ekejiuba Bright Nwoke, Chinyere Nneka Ukaga, Protozoa and Human Diseases in the Tropics, Science Publishing Group, 2014
3	Larry S. Roberts, John Janovy Jr., Steve Nadler, Foundations of Parasitology, 9th edition, 2013

Week	Weekly Detailed Course Contents	
1	Theoretical	Overview of intestinal protozoa
2	Theoretical	Entamoeba ve Amebiasis
3	Theoretical	Giardiasis
4	Theoretical	Balantidium coli and Blastocystis hominis
5	Theoretical	Trichomonas vaginalis ve other trichomonadlar
6	Theoretical	Kinoplastids, African Trypanosomiasis, Chagas Disease
7	Theoretical	Leishmaniasis
8	Intermediate Exam	Midterm exam
9	Theoretical	Cryptosporidium
10	Theoretical	Isospora and Cyclospora
11	Theoretical	Toxoplasma gondii
12	Theoretical	Toxoplasmosis and sarcocystis
13	Theoretical	Malaria
14	Theoretical	Babesiosis
15	Theoretical	Free living protozoa affecting human health
16	Final Exam	Final exam
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	2	5	0	10
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
Total Workload (Hours)				74
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learn morphology and biology of medically important protozoons
2	Learn the clinical signs and pathologic findings related to the diseases caused by the important protozoa
3	Having knowledge about the problems of public health that play a role in the epidemiology of diseases
4	Knows the methods for diagnosis and treatment methods for medically important protozoons
5	Knows the available control methods for these diseases

Programme Outcomes (Parasitology (Veterinary Medicine) Master)

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Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	2	3	2	3
P3	1	1	3	3	2
P4	1	3	4	3	
P5	2	3	2	4	
P6	3	3	4	3	3
P7	3	3	4	3	2
P8				2	
P9		3	3	4	3
P10	5	5			
P11		1		5	

