



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Protozoa Of Laboratuvarı Animals							
Course Code		VPR632		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To understand the morphology and biology of protozoans in laboratuvarı animals, diseases they cause, methods used for the diagnosis, prevention and control for the diseases they cause							
Course Content		Protozoan species in laboratuvarı animals such as the Mouse, rat, hamsters, guine pig and gerbil, their morphology and biology, symptoms they cause, diagnosis and differential diagnosis of protozoans in experimental animals, control measures taken for diseases caused by protozoans.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Discussion, Case Study, Problem Solving					
Name of Lecturer(s)		Prof. Serkan BAKIRCI							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Quiz	1	10
Assignment	4	10

Recommended or Required Reading

1	Holmes, D. D. (1984). Clinical laboratory animal medicine: an Introduction. Ames, The Iowa State University, 138 p.
2	Taylor, M.A., Coop, Wall, R.L. (2007). Veterinary Parasitology. Blackwell Publishing Ltd, Oxford, UK. 851 p.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to experimental animals
2	Theoretical	Collection and storage of samples, diagnostic methods
3	Theoretical	Protozoon infections in rabbits-I
4	Theoretical	Protozoon infections in rabbits-II
5	Theoretical	Protozoon infections in guine-pigs-I
6	Theoretical	Protozoon infections in guine-pigs-II
7	Theoretical	Presentation of assignments and discussion
8	Intermediate Exam	Mid term examination
9	Theoretical	Protozoon infections in mice and rats-I
10	Theoretical	Protozoon infections in mice and rats-II
11	Theoretical	Protozoon infections in hamsters
12	Theoretical	Protozoon infections in gerbils
13	Theoretical	Protozoon infections in amphibians
14	Theoretical	Protozoon infections in other laboratory animals
15	Theoretical	Discussion
16	Final Exam	Final examination
17	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	2	2
Midterm Examination	1	8	1	9



Final Examination	1	10	1	11
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To gain advanced understanding of diseases caused by protozoans in laboratory animals.
2	To know how protozoans infect animals and symptoms they cause in animals,
3	To know diagnostic methods for diseases caused by protozoans
4	To know treatment methods for diseases caused by protozoans
5	To understand preventive and control measures taken for diseases caused by protozoans

Programme Outcomes (Parasitology (Veterinary Medicine) Doctorate)

1	
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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	5	5	5	5
P3	5	5	5	5	4
P4	5	4	4	4	3
P5	5	5	5	3	4
P6	5	4	4	4	4
P7	3	3	5	3	3
P8	4	4	4	4	3
P9	4	4	4	4	3
P10	4	3	4	3	4
P11	4	4	4	5	5
P12	4	2	5	2	4

