



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Phagocytosis							
Course Code		VPT537		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	56 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Pathogenesis of phagocytosis in the microphagocytic and macrophagocytic cells and antigen presentetation and congenital diseases preventing the fagositic activities							
Course Content		Pathogenesis of phagocytosis in the microphagocytic and macrophagocytic cells and antigen presentetation and congenital diseases preventing the fagositic activities							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Jones, T.C., Hunt, R.D., King, N.W., (1996) Veterinary Patology, Waverly Company, Philadelphia, USA.
2	Thomson, R.G., (1978) General Veterinary Patology, W.B.Saunders Company. Philadelphia, USA.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and introduction of phagocytosis
	Preparation Work	Book
2	Theoretical	Causes of phagocytosis
	Preparation Work	Book
3	Theoretical	Pathogenesis of phagocytosis
	Preparation Work	Book
4	Theoretical	Phagocytosis cell
	Preparation Work	Book
5	Theoretical	Process of phagocytosis
	Preparation Work	Book
6	Theoretical	Classification of phagocytosis cell
	Preparation Work	Book
7	Theoretical	Microphages
	Preparation Work	Book
8	Preparation Work	Book
	Intermediate Exam	mid term
9	Theoretical	Neutrophiles
	Preparation Work	Book
10	Theoretical	Eosinophilic granulocytes
	Preparation Work	Book
11	Theoretical	Macrophages
	Preparation Work	Book
12	Theoretical	Monocytes and tissue histiocytes
	Preparation Work	Book
13	Theoretical	Occurring mechanisms of phagocytosis
	Preparation Work	Book
14	Theoretical	Demonstration
	Preparation Work	Book



15	Theoretical	Final exam
	Preparation Work	Book

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Midterm Examination	1	12	1	13
Final Examination	1	14	1	15
Total Workload (Hours)				56
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be knowledgeable about the cells capable of phagocytosis
2	To be knowledgeable about the process of phagocytosis
3	To be knowledgeable about the role of phagocytosis in diseases
4	To be knowledgeable the causes of the phagocytosis
5	To be knowledgeable the results of the phagocytosis

Programme Outcomes (Pathology (Veterinary Medicine) Master)

1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
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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	3	3	5	5	5
P3	5	3	5	5	5
P4	4	5	5	5	5
P5	4	5	4	5	5
P6	4	4	5	5	5
P7	4	5	5	5	5
P8	4	5	5	5	5
P9	4	5	5	5	5
P10	4	4	3	5	5

