



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Fagositos and Disturbance of Fagositos							
Course Code		VPT684		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	75 (<i>Hours</i>)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		The definition, function, importance and pathology of phagocytosis will be explained.							
Course Content		The definition, function, importance and pathology of phagocytosis will be explained.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)		Prof. Şule Yurdagül ÖZSOY							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Basic Pathology
2	Pathologic Basis of Veterinary Diseases
3	Immunopathology

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of phagocytosis
2	Theoretical	Phagocytosis steps
3	Theoretical	Opsonization
4	Theoretical	Phagocytosis cells
5	Theoretical	Neutrophil phagocytosis
6	Theoretical	Lysosomal catabolism
7	Theoretical	Heterophagy
8	Theoretical	Endocytosis and pinocytosis
9	Theoretical	Autophagy
10	Theoretical	Macrophage phagocytosis
11	Theoretical	Molecular properties of phagocytosis
12	Theoretical	Phagocytosis disorders and causes
13	Theoretical	Pathogenesis of phagocytosis disorders
14	Theoretical	Overview

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Assignment	2	8	2	20
Individual Work	1	12	2	14
Final Examination	1	12	1	13
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To have general information about phagocytosis
2	To have knowledge about phagocytosis stages and opsonization
3	To have knowledge about phagocytosis cells



4	To have knowledge about phagocytosis mechanism and its role in inflammation
5	To have knowledge about phagocytosis disorders

Programme Outcomes (Pathology (Veterinary Medicine) Doctorate)

1	The student knows lesions of organs and tissues as well as pathological mechanisms of infectious/noninfectious diseases of especially farm and pet animals.
2	The student intensify theoretical and practical knowledge.
3	The student will learn and apply a variety of theoretical methods of diagnosis.
4	Students macroscopic and microscopic signs of diseases characterized by evaluating the clinical findings and examine the comparative.
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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	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

