



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Immunopathology							
Course Code		VPT616		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	102 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Pathogenesis of inflammatory reactions and results in the otoimmun diseases caused by otoantigens and immuncomplex resulted of viral, bacterial and parasitic diseases.							
Course Content		Pathogenesis of inflammatory reactions and results in the otoimmun diseases caused by otoantigens and immuncomplex resulted of viral, bacterial and parasitic diseases							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)		Prof. Nihat TOPLU							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Immunopathology
2	Immunology
3	Pathologic Basis of Veterinary Diseases

Week	Weekly Detailed Course Contents	
1	Theoretical	Innate immunity
2	Theoretical	Acquired immunity
3	Theoretical	Hypersensitivity reactions and diseases
4	Theoretical	Immunodeficiency diseases
5	Theoretical	Immunodeficiency diseases
6	Theoretical	Immunodeficiency diseases
7	Theoretical	Autoimmune diseases
8	Theoretical	Autoimmune diseases
9	Theoretical	Autoimmune diseases
10	Theoretical	Cell growth and differentiation anomalies
11	Theoretical	Cell growth and differentiation anomalies
12	Theoretical	Cell growth and differentiation anomalies
13	Theoretical	Metaplasia
14	Theoretical	Metaplasia

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Individual Work	3	2	2	12
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To have knowledge about innate immunity
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2	To have knowledge about acquired immunity
3	To have knowledge about hypersensitivity reactions
4	To have knowledge about types of hypersensitivity reactions
5	To have knowledge about hypersensitivity reactions diseases

**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

