



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Hypersensitivity Reactions in Immunology								
Course Code	MİK655		Course Level		Third Cycle (Doctorate Degree)				
ECTS Credit	1	Workload	26 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about hypersensitivity reactions in immunology.								
Course Content	Type I, II, III and IV hypersensitivity and their diseases								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Assignment	1	20
Midterm Examination	1	20
Final Examination	1	60

Recommended or Required Reading	
1	Handbook of Vertebrate Immunology
2	Immunology Integrated food safety and veterinary public health
3	Epidemiologic Principles and Food Safety

Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	Type I hypersensitivity and their diseases
2	Theoretical	Type I hypersensitivity and their diseases
3	Theoretical	Type I hypersensitivity and their diseases
4	Theoretical	Type I hypersensitivity and their diseases
5	Theoretical	Type II hypersensitivity and their diseases
6	Theoretical	Type II hypersensitivity and their diseases
7	Theoretical	Type II hypersensitivity and their diseases
8	Theoretical	Discussion
9	Theoretical	Type III hypersensitivity and their diseases
10	Theoretical	Type III hypersensitivity and their diseases
11	Theoretical	Type III hypersensitivity and their diseases
12	Theoretical	Type IV hypersensitivity and their diseases
13	Theoretical	Type IV hypersensitivity and their diseases
14	Theoretical	Type IV hypersensitivity and their diseases

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	1	0	1	1
Midterm Examination	1	4	1	5
Final Examination	1	5	1	6
Total Workload (Hours)				26
[Total Workload (Hours) / 25*] = ECTS				1

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	1. Having information about hypersensitivity reactions in immunology
2	2. Having information about mechanisms of hypersensitivity reactions in immunology



3	3. To have knowledge about the distribution of hypersensitivity reactions
4	4. To have knowledge about the therapy of hypersensitivity reactions
5	5. Providing ability to use these informations

Programme Outcomes (Microbiology (Veterinary Medicine) Doctorate)

1	Department has the ability to identify and apply information about bacteriology, virology, mycology and has the ability to recognize diseases about veterinary medicine.
2	Department has the ability to take the advantage of technology and has the ability to diagnose, treat and prevent the diseases by using appropriate equipments.
3	Department has the ability to analyze the epidemiological compounds of an animal population and has the ability to get precautions.
4	Department has the ability to test or analyze the diseases and has the ability to evaluate the results.
5	Department has the ability to perform, produce and conclude projects for scientific researches.
6	Department has the ability to donate theoretical and practical knowledge about postgraduate students in the are of microbiology.
7	Graduate students has the ability to perform scientific researches.

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	4	4	5	5	5
P2	5	5	5	5	4
P3	5	5	4	5	3
P4	5	4	5	4	5
P5	4	4	4	5	4
P6	4	4	4	4	5
P7	5	5	5	5	5

