



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Transplantation Immunology								
Course Code	MİK636		Course Level		Third Cycle (Doctorate Degree)				
ECTS Credit	2	Workload	48 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about transplantation immunology.								
Course Content	Transplantation. Rejection of graft. Transplantation antigens. The role of MHC genes in graft rejection. Immunologic mechanism of graft rejection.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)	Prof. Süheyla TÜRKÜYLMAZ								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Assignment	2	20
Quiz	2	20
Midterm Examination	1	20
Final Examination	1	40

Recommended or Required Reading	
1	İmmunoloji
2	Handbook of Vertebrate Immunology

Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	Transplantation
2	Theoretical	Rejection of graft
3	Theoretical	Transplantation antigens
4	Theoretical	Transplantation antigens
5	Theoretical	Transplantation antigens
6	Theoretical	Role of MHC genes in rejection of graft
7	Theoretical	Role of MHC genes in rejection of graft
8	Theoretical	Discussion
9	Theoretical	Rejection types of allografts
10	Theoretical	Rejection types of allografts
11	Theoretical	Immunological mechanism of graft rejection
12	Theoretical	Mechanism of graft rejection in various organs
13	Theoretical	Mechanism of graft rejection in various organs
14	Theoretical	Graft reaction against host

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	4	1	1	8
Quiz	2	2	1	6
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
			Total Workload (Hours)	48
			[Total Workload (Hours) / 25*] = ECTS	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	1. Having information about transplantation immunology



2	2. Having information about formation and rejection of graft
3	3. To have knowledge about immunological evaluation before transplantation
4	4. To have knowledge about immunological evaluation after transplantation
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	5	4	5	4
P2	4	4	4	4	4
P3	5	4	5	5	5
P4	4	5	4	5	5
P5	5	5	5	5	5
P6	4	5	4	4	4
P7	5	4	5	5	5

