AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Immunology								
Course Code	TFZ611		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	6	Workload	156 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Giving information about Immunology. Introduce knowledge skills . Present novel scientific data to participants.								
Course Content	Resistance of the body against infections-reticuloendothelial system; White cells and inflammation; White cells (leukocytes); Reticuloendothelial system; Infalmmation and functions of leukocytes; Agranulocytosis; Leukemias; Immunology and allergy; Congenital immunology, acquired immunology; Interferons: allergy.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Guyton, Medical Physiology
2	All scientific data about the subject

Week	Weekly Detailed Course Contents	
1	Theoretical	infection
	Practice	infection practice
	Preparation Work	Reading
2	Theoretical	Resistance of the body against infections
	Practice	Resistance of the body against infections practice
	Preparation Work	Reading
3	Theoretical	reticuloendothelial system
	Practice	reticuloendothelial system practice
	Preparation Work	Reading
4	Theoretical	White cells and inflammation
	Practice	White cells and inflammation practice
	Preparation Work	Reading
5	Theoretical	Infalmmation and functions of leukocytes
	Practice	Infalmmation and functions of leukocytes practice
	Preparation Work	Reading
6	Theoretical	Agranulocytosis
	Practice	Agranulocytosis practice
	Preparation Work	Reading
7	Intermediate Exam	Midterm Exam
8	Theoretical	Leukemias
	Practice	Leukemias practice
	Preparation Work	Reading
9	Theoretical	Allergy
	Practice	Allergy practice
	Preparation Work	Reading

10	Theoretical	Congenital immunology
	Practice	Congenital immunology practice
	Preparation Work	Reading
11	Theoretical	acquired immunology
	Practice	acquired immunology practice
	Preparation Work	Reading
12	Theoretical	Interferons
	Practice	Interferons practice
	Preparation Work	Reading
13	Theoretical	Vaccines
	Practice	Vaccine practice
	Preparation Work	Reading
14	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Assignment	10	6	1	70
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
			Total Workload (Hours)	156
			[Total Workload (Hours) / 25*] = **ECTS**	6

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	To be able to recognize the importance of immunology
2	To be able to evaluate the relationship between other systems
3	To be able to investigate physiopathological symptoms about the subject
4	Interpret general principals about the subject
5	

Programme Outcomes *(Physiology (Medical) Doctorate)*

1	Has a deep and broad knowledge about the field and the interdisciplinary area related with the field through the achievements gained in undergraduate and professional levels.
2	Has the knowledge to create original ideas, analyze them and develop definition/product/diagnosis methods by using the knowledge gained in undergraduate and/or professional experience, when needed.
3	To learn the laws and regulations both national and international in the field of physiology.
4	To gain ability to apply the principles and fundamentals of scientific ethical rules.
5	Implements and defends institutional and practical information and abilities in accordance with the needs of the country and the world, and changes when necessary.

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	4	4	4
P2	4	4	4	4	4
P3	4	5	4	3	3
P4	4	5	4	4	4
P5	3	5	4	4	4