



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cancer Immunology and Immunotherapy							
Course Code		TIB622		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course									
Course Content									
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. NCBI Pubmed ve güncel bilimsel yayınlar
2	2. Cancer Immunology and Immunotherapy, Glenn Dranoff Springer Publishing (2011)

Week	Weekly Detailed Course Contents	
1	Theoretical	The basic principles of immunology
2	Theoretical	The principles of cancer immunobiology I
3	Theoretical	The principles of cancer immunobiology II
4	Theoretical	The immune infiltration in cancer
5	Theoretical	The antitumor immune response
6	Theoretical	The cellular therapy against cancer in immunology
7	Theoretical	Patient-specific vaccines and therapies
8	Intermediate Exam	Midterm Exam
9	Theoretical	The biology of regulatory T cells in cancer immunology
10	Theoretical	STAT3: Increasing the anti-tumor response
11	Theoretical	Dendritic cells for the cancer therapy
12	Theoretical	Immunologically active biomaterials for cancer therapy
13	Theoretical	Monoclonal antibodies, cytokines ve other potentially therapeutic molecules
14	Theoretical	The humoral and cellular arms of the immune system for new treatment opportunities
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	6	3	117
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	



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Programme Outcomes (*Medical Biology Doctorate*)

1	To acquire fundamental knowledge on medical biology field
2	To gain expertise on molecular biology techniques
3	To utilize molecular biology techniques
4	To be able to construct and conduct a research project
5	To be able to follow and interpret scientific advancements

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	4	5	2	2
P2	2	2	2	3	4
P3	1	1	1	1	4
P4	3	4	4	4	3
P5	3	4	4	5	4

