



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cell Growth and Differentiation Disorders							
Course Code		VPT531		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	55 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Pathogenesis of agenesis, aplasia, atrophy, hipertropy, hyperplasia and methaplasia and macroscopic and microscopic findings will be evaluated.							
Course Content		Pathogenesis of agenesis, aplasia, atrophy, hipertropy, hyperplasia and methaplasia and macroscopic and microscopic findings will be evaluated							
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	Jones, T.C., Hunt, R.D., King, N.W., (1996) Veterinary Patology, Waverly Company, Philadelphia, USA.
2	Thomson, R.G., (1978) General Veterinary Patology, W.B.Saunders Company. Philadelphia, USA.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and causes of agenesis
	Preparation Work	Book
2	Theoretical	Definition and causes of hipoplasia
	Preparation Work	Book
3	Theoretical	Definition, variation, causes and results of atrophy
	Preparation Work	Book
4	Theoretical	Definition, variation, causes and results of hipertrophy
	Preparation Work	Book
5	Theoretical	Definition, variation, causes and results of hiperplasia
	Preparation Work	Book
6	Theoretical	Definition, variation, causes and results of metaplasia
	Preparation Work	Book
7	Theoretical	Definition, causes and results of diaplasia
	Preparation Work	Book
8	Preparation Work	Book
	Intermediate Exam	Mid term
9	Theoretical	Tissue differentiation and usual diseases in aging
	Preparation Work	Book
10	Theoretical	Factors increase infection risk in aging
	Preparation Work	Book
11	Theoretical	Definition and ethiology of congenital development disorders
	Preparation Work	Book
12	Theoretical	Variation of ongenital development disorders
	Preparation Work	Book
13	Theoretical	Twin and triplet anomalies
	Preparation Work	Book
14	Theoretical	Demonstration
	Preparation Work	Book



15	Theoretical	Final exam
	Preparation Work	Book

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Seminar	1	6	1	7
Midterm Examination	1	6	1	7
Final Examination	1	12	1	13
Total Workload (Hours)				55
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be knowledgeable about the agenesis, aplasia and atrophy
2	To be knowledgeable about the hyperplasia and hypertrophy
3	To be knowledgeable about the dysplasia and metaplasia
4	To be knowledgeable about the pathogenesis of cell growth and differentiation disorders
5	To be knowledgeable about the results of cell growth and differentiation disorders

Programme Outcomes (Pathology (Veterinary Medicine) Master)

1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
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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	3	4	5	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	4	5	4	5	5
P6	3	5	4	5	5
P7	5	5	5	5	5
P8	3	3	5	5	5
P9	3	3	5	5	5
P10	5	5	5	5	5

