



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Local Hormones							
Course Code		VFT535		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	54 ( <i>Hours</i> )	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Effects which may impact the system for generating very short or local hormones, histamine, prostaglandin, serotonin and effects of angiotensin antagonists to teach and give information about.							
Course Content		Circulation is usually not more than move to their effect on the systemic circulation or tissues, therefore, constitute a rapidly disintegrating or local hormones which may effect a very short period of histamine and anti-histamine drugs, prostaglandins, local structure and polypeptide hormones and antagonists of serotonin.							
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	Veterinary Pharmacology and Therapeutics, 8th Edition, Jim E. Riviere (Editor), Mark G. Papich (Editor), 2009.
2	Modern Pharmacology, 6th Edition, Lippincott Williams and Wilkins, 2004 (Ed. C.R. Craig and R.E. Stitzel)
3	Basic and Clinical Pharmacology, 9th Edition, McGraw-Hill, New York, 2004 (Ed. B. Katzung)
4	Goodman and Gilman's The Pharmacological Basis of Therapeutics 11th Edition, McGraw-Hill, 2006 (Eds. Brunton, Lazo, Parker, Buxton and Blumenthal)
5	Lippincott's Illustrated Reviews: Pharmacology, 3rd Edition, Lippincott Williams and Wilkins, 2005 (Eds. Howard, Mycek, Harvey & Champe)
6	The Veterinary Formulary edited by Yolande Bishop. London Pharmaceutical Press in association with the British Veterinary Association 2001.
7	Pharmacology. Franklin A. Ahrens. Baltimore, Md. London Williams & Wilkins 1996.
8	The physiological basis of veterinary clinical pharmacology J. Desmond Baggot. Oxford Blackwell Science 2001.

Week	Weekly Detailed Course Contents	
1	Theoretical	Local synthesis of hormones
2	Theoretical	Histamines
3	Theoretical	Histamine antagonists
4	Theoretical	Prostaglandins
5	Theoretical	The right information prostaglandins antagonists
6	Theoretical	Information about serotonin.
7	Theoretical	Information about the serotonin antagonists
8	Intermediate Exam	Midterm exam
9	Theoretical	Information about Anjiotensins
10	Theoretical	Angiotensin antagonists
11	Theoretical	Information on substances that affect fertility
12	Theoretical	Local hormones in place of hypertension
13	Theoretical	Local Hormone antagonists and other treatments
14	Theoretical	Evaluation
15	Theoretical	Discussion
16	Final Exam	Final

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	1	42



Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				54
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To obtain information on local hormones.
2	Local effects and forms of hormones in the body learns.
3	Local veterinarians in treatment of hormone antagonists and learns usage areas.
4	To find out and use resources about the profession in the area.
5	To give lectures and/or presentations and discuss with professionals in the area.

### Programme Outcomes (Veterinary Pharmacology and Toxicology Master's Without Thesis)

1	to be able to comprehend expert knowledge on field of pharmacology and toxicology in veterinary medicine
2	to be able to define expert knowledge on interdisciplinary interaction in pharmacology and toxicology
3	to be able to formulate ideas to solve complex problems using theoretical and practical information gained throughout the pharmacology and toxicology education
4	to be able to integrate and interpret information in the area of pharmacology and toxicology with information in different fields and, if the need arises, provides scientific information and solutions to solve problems.
5	to be able to develop and use strategies in his/her field of expertise in Master's Program of Pharmacology and Toxicology
6	to be able to comprehend methods of obtained and submitted scientific knowledge
7	to be able to analyse current information related to his/her field of expertise (scientific information, procedures etc.) and use them when necessary.
8	to be able to apply technological tools in social relationships of vocational and professional environment
9	to be able to review, evaluate and interpret any data (field observations, available scientific information etc.) towards a specific purpose.
10	to be able to comprehend expert knowledge on the function and basic pharmacological features of pharmacology and sub-branches of science, relationship between the drug and poison, pharmacokinetic, effects of the drugs, the dose-intensity and dose-effect relationship.
11	to be able to identify expert knowledge on the function and basic toxicological features of poison, classifications and types of poisoning, toxicokinetic, general principles of treatment of poisoning
12	to be able to define and use laboratory equipment in a pharmacology and toxicology laboratory.

### 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	5	5		
P2	4		4		
P3					5
P4					4
P5	4	5	4		5
P6				5	5
P7				4	
P8	4	5	4		4
P9				5	5
P10			5		
P11	5	5			

