

Endocrinology ZOO 427/727 Dr. Cliff H. Summers C-H 178, 677-6177

Text: ***Vertebrate Endocrinology by David O. Norris***

Date	Topic	Reading
13-Jan	Hormones, Paracrines, and Autocrines	pp. 1 - 17
15	Glands to Target Tissue and Receptors	pp. 7 - 76
17	Receptors/Affinity/Homeostasis	97 - 100
20-Jan	<i>Martin Luther King Day</i>	
22	Endocrine Homeostasis/Receptor-2nd messenger	17 - 82
24	Second Messenger Systems	36 - 53
27	Second Messenger Systems	36 - 53
29	Mechanisms of Hormone Action/Nuclear Receptors	68 - 76
31	Mechanisms of Hormone Action/Gene Regulation	28 - 76
3-Feb	Hormone Synthesis	28 - 36
5	Receptor Regulation	33 - 41
7-Feb	Exam 1	
10	The Hypothalamus	119 - 125
12	Hypothalamo-Hypophysial Axis	105 - 161
14	Hypothalamo-Hypophysial Axes	166 - 215
17-Feb	<i>Presidet's Day</i>	
19	Tropic Hormones	125 - 141
21	Adenohypophysis: Tropic Hormones	106 - 157
24	Neurohypophysis: Vasopressin and Oxytocin	217 - 225
26	Thyroid Hormones and Function	242 - 256
28	Thyroid Axis	256 - 297
4-8 Mar	<i>Spring Break</i>	
10	Steroids	53 - 73
12	Steroids: Androgens and Estrogens	359 - 377
14-Mar	Exam 2	
17	Steroids: Corticosteroids	305 - 311
19	Adrenal Axis	302 - 311
21	Adrenal Axis	317 - 320
24	Adrenal Axis	327 - 351

	26	Adrenal Function: Chromaffin Tissue/Catecholamines	320 - 325
28-Mar		<i>Easter</i>	
	31	Adrenal Function:Renin-Angiotensin-Aldosterone	311 - 317
2-Apr		Gonadal Axis	358 - 406
	4	Endocrinology of Reproduction	410 - 467
	7	Prolactin and Growth Hormone Family; PRL	130 - 137
	9	Growth Hormone and Growth Factors	132 - 133
11-Apr		Exam 3	
	14	Growth Factors	132 - 133
	16	Hormones of the Immune System	80
	18	Calcium and Phosphate Homeostasis	542 - 587
	21	Pancreatic Hormones	496 - 539
	23	Gastrointestinal Hormones	472 - 494
	25	Guts and Brains	
	28	Neuroactive peptides	80 - 81
	30	Brains: Melatonin	225 - 241
2-May		Evolution of Endocrine Function	14 - 17, 573 - 58

7-May Final Exam Wednesday 10:00 -12:00

Grading	90 - 100% = A	80 - 89 = B	70 - 79 = C
Points	3 Exams 100 points each	300 pts.	
	Final 100 points	100 pts	
		400 points total	

100% is determined by the highest cumulative score among students, out of the 400 point total.
Your score and grade is determined as a percentage of that high score.