

**PATHOLOGY 750: CELL AND MOLECULAR BIOLOGY/PATHOLOGY**

Spring Semester, 2010

3 credits

Lecture & Discussion room: 1420 Microbial Sciences Building (MSB)  
time: 9:55 AM-10:45 AM, MWF

**Faculty**

Alan Rapraeger, Ph.D. ()	( <a href="mailto:acraprae@wisc.edu">acraprae@wisc.edu</a> )	AR
Daniel Greenspan, Ph.D.	( <a href="mailto:dsgreens@wisc.edu">dsgreens@wisc.edu</a> )	DG
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Erik Ranheim, M.D., Ph.D.	( <a href="mailto:earanheim@wisc.edu">earanheim@wisc.edu</a> )	ER
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Deric Wheeler, Ph.D.	( <a href="mailto:dlwheeler@wisc.edu">dlwheeler@wisc.edu</a> )	DW

**LECTURE SCHEDULE**

<u>Lecture #</u>			
1.	Jan 21 F	<b>Class Introduction</b>	DW
2.	Jan 24 M	<b>Cell Signaling</b>	DW
3.	Jan 26 W	"	DW
4.	Jan 28 F	Group discussion (25 pts)	DW
5.	Jan 31 M	<b>The cell cycle</b>	DW
6.	Feb 2 W	"	DW
7.	Feb 4 F	Group discussion	DW
8.	Feb 7 M	<b>Nuclear targeting</b>	DW
9.	Feb 9 W	"	DW
10.	Feb 11 F	Group discussion	DW
11.	Feb 14 M	<b>Cargo Capture and Vesicle Traffic</b>	DW
12.	Feb 16 W	"	DW
13.	Feb 18 F	Group discussion	DW
14.	Feb 21 M	<b>Protein targeting to the secretory pathway</b>	DW
15.	Feb 23 W	"	DW
16.	Feb 25 F	Exam I (100 pts)	DW
17.	Feb 28 M	Angiogenesis	AR
18.	Mar 2 W	"	AR
19.	Mar 4 F	Group Discussion	AR
20.	Mar 7 M	Stem Cell epigenetics	IS
21.	Mar 9 W	"	IS
22.	Mar 11 F	" Discussion	IS
SPRING BREAK Mar14-18			
23.	Mar 21 M	<b>Stem cells in human disease</b>	ER
24.	Mar 23 W	"	ER
25.	Mar 25 F	Group Discussion	ER
26.	Mar 28 M	<b>Immune Cell Development</b>	ER
27.	Mar 30 W	"	ER

28.	Apr 1 F	Exam II	ER
29.	Apr 4 M	<b>Cell adhesion-mediated signaling events</b>	DP
30.	Apr 6 W	"	DP
31.	Apr 8 F	Group discussion	DP
32.	Apr 11 M	<b>Control of adhesion-mediated signaling</b>	DP
33.	Apr 13 W	"	DP
34.	Apr 15 F	Group discussion	DP
35.	Apr 18 M	<b>Cytoskeleton and its role in signaling</b>	DP
36.	Apr 20 W	"	DP
37.	Apr 22 F	Group discussion (Cytoskeleton and signaling)*	DP
38.	Apr 25 M	<b>Mechanisms of Development and Disease*</b>	DG
39.	Apr 27 W	"	DG
40.	Apr 29 F	Group discussion	DG
41.	May 2 M	<b>Mechanisms of Development and Disease</b>	DG
42.	May 4 W	"	DG
43.	May 6 F	Group discussion (25 points)	DG
44.	May 9 M	Exam III	