

# Molecules, Genes and Cells & MPS I

2011/2012

## WEEK 1

Time	Monday 8/29/11	Tuesday 8/30/11	Wednesday 8/31/11	Thursday 9/1/11	Friday 9/2/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	<b>Lecture - Weill</b> Intro to MGC  (Fuortes)	Journal Club 1	<b>Lecture - Weill</b>  Intro to PBL		<b>PBL</b>  "The First Day"
8:30	<b>BREAK</b>	J-Q, R, S	(Marzuk & Fuortes)  <b>BREAK</b>		J-Q, R, S
9:00	<b>Lecture - Weill</b>  Molecular & Cellular Basis of Disease	<b>BREAK</b>	<b>Lecture - Weill</b>  Enzyme Mechanisms		<b>BREAK</b>
9:30	(Maxfield)	<b>Lecture - A-250</b>  Enzymes	(Sauve)		<b>Lecture - A-250</b> Post PBL Discussion (Marzuk & Fuortes)
10:00	<b>Post-Lecture Conference</b>	(Maxfield)	<b>BREAK</b>		<b>This week/Next Week</b>
	<b>BREAK</b>	<b>BREAK</b>	<b>Lecture-Weill</b>		<b>BREAK</b>
10:30	<b>Lecture-Weill</b>  Genetics- Past, Present and Future (Davis)	<b>Lecture - A-250</b>  Regulation of Enzymes	Bioenergetics  (Warren)		<b>Quiz 1</b> (Amino Acids & Enzymes, through 8/30/11)
11:00		(Maxfield)	<b>BREAK</b>		<b>BREAK</b>
11:30	<b>Post-Lecture Conference</b>	<b>BREAK</b>	<b>Small Group Conference 1</b>		<b>Small Group Conference 2</b>
12:00	<b>Lecture - Weill</b>  Amino Acids	<b>Lecture - A-250</b>  Vitamins	Acid Base Properties of Protein, Buffer Concepts, Enzymes		Computer Lab (Protein Struc & Function)
12:30	(Maxfield)	(Dittman)	J-Q, R,S		J-Q, R,S

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## WEEK 2

Time	Monday 9/5/11	Tuesday 9/6/11	Wednesday 9/7/11	Thursday 9/8/11	Friday 9/9/11	
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>	
8:00	<b>LABOR DAY</b>		<b>PBL 1</b>		<b>PBL 1</b>	
8:30		Journal Club 2 (Protein Structure)				
9:00		J-Q, R, S	J-Q, R, S		J-Q, R, S	
9:30		<b>Lecture - A-250</b>  Overview of Metabolism  (McGraw)	<b>Lecture - Weill</b>  Glucose Homeostasis II  (McGraw)		<b>BREAK</b>	<b>Lecture - A-250</b>  Lipid Metabolism I  (Menon)
10:00		<b>Lecture - A-250</b>  Glucose Homeostasis I  (McGraw)	<b>BREAK</b>		<b>Lecture - Weill</b>	<b>This week/Next Week</b>
10:30		<b>Break</b>	Glucose Homeostasis III  (McGraw)		<b>BREAK</b>	<b>BREAK</b>
11:00		<b>Small Group Conference 3</b>  Vitamins, Enz Mech, Bioenergetics	<b>BREAK</b>		<b>Q &amp; A with Faculty</b>	<b>Small Group Conference 4</b>  Glucose Metabolism
11:30			<b>Q &amp; A with Faculty</b>			
12:00			<b>Weill</b>			
12:30			J-Q, R,S			J-Q, R, S

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## WEEK 3

Time	Monday	Tuesday	Wednesday	Thursday	Friday
	9/12/11	9/13/11	9/14/11	9/15/11	9/16/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	PBL 2	Journal Club 3 (Glucose Metabolism)	PBL 2		PBL 2
8:30			J-Q, R, S		
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		J-Q, R, S
		Lecture - A-250			
9:30	<b>BREAK</b>	Cholesterol	<b>BREAK</b>		<b>BREAK</b>
	QUIZ #2 (Vitamins thru Glucose)		Lecture - Weill		Lecture - A-250
10:00	(Weill)	(Maxfield)	Amino Acid Metabolism		Heme
		<b>BREAK</b>			(Gross)
10:30	<b>BREAK</b>	Lecture - A-250	(Menon)		
	Lecture - Weill	Cholesterol Homeostasis	<b>BREAK</b>		This week/Next Week
11:00	Lipid Metabolism II		(Gotto)		Lecture - Weill
	(Menon)	<b>BREAK</b>	Nucleotide Metabolism		Small Group Conference 5
11:30	<b>BREAK</b>		(Wu)		
	Lecture - Weill Lipid Metabolism III	Patient Presentation  A-250	<b>Break</b>		Lipid Metabolism J-Q, R, S
12:00			Q & A with Faculty		
12:30	(Menon)		Weill		

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WEEK 4

Time	Monday 9/19/11	Tuesday 9/20/11	Wednesday 9/21/11	Thursday 9/22/11	Friday 9/23/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	PBL 3		PBL 3		PBL 3
8:30		Journal Club 4 (Lipid Metabolism)			
9:00	J-Q, R, S	J-Q, R, S	J-Q, R, S		J-Q, R, S
9:30	BREAK	BREAK	BREAK		BREAK
	Lecture - Weill	Lecture - A-250	Lecture - Weill		Lecture - A-250
10:00	Quiz 3 (Lipids thru Nucleotides)	Diabetes & Metabolism  (McGraw)	Overview of Metabolism; Obesity		DNA Replication & Telomeres  (Holloman)
10:30	BREAK	BREAK	(Rubino)		This week/Next Week A-250
	Lecture - Weill	Lecture - A-250	Break		BREAK
11:00	Trace metals	Obesity  (Aronne)	Lecture Weill		Lecture - A-250
11:30	(Gross)	BREAK	Inborn Errors Of Metabolism (Krauss)		Warburg Hypothesis
	BREAK	Small Group Conference 7	Small Group Conference 6		(McGraw) Small Group Conference
12:00	Amino Acid Metabolism	Nucleotides, Heme, Metals	Q & A with Faculty		Metabolism at the Movies
12:30	J-Q, R,S	J-Q, R,S	Weill		J-Q, R, S

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## WEEK 5

Time	Monday 9/26/11	Tuesday 9/27/11	Wednesday 9/28/11	Thursday 9/29/11	Friday 9/30/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	PBL 4	Journal Club 5 (Integrated Metabolism)	PBL 4		PBL 4
8:30			J-Q, R, S		
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		J-Q, R, S
9:30	<b>BREAK</b>	Lecture - A-250	<b>BREAK</b>		Lecture - A-250
	QUIZ #4 (Integrated Metabolism)	Transcription	Lecture - Weill		Protein folding (Lam)
10:00	(Weill)	(Schwer)	DNA Damage & Repair		
		<b>BREAK</b>	(Holloman)		
10:30	<b>BREAK</b>	Lecture - A-250	<b>BREAK</b>		This week/Next Week A-250
	Lecture - Weill	RNA Processing	Lecture - Weill		Lecture - A-250
11:00	Nucleus & Chromatin Structure	(Schwer)	Gene Regulation by Non-coding RNA's		Protein Misfolding in Disease
	(Coonrod)		(Sun)		(Eliezer)
11:30	<b>BREAK</b>	<b>BREAK</b>	<b>BREAK</b>		<b>BREAK</b>
12:00		Lecture - A-250	Lecture - A-250		Lecture - A-250
		Methods in Molecular Biology	Translation		The Plasma Membrane
12:30		(Walters)	(Blanchard)	(Andersen)	

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## WEEK 6

Time	Monday 10/3/11	Tuesday 10/4/11	Wednesday 10/5/11	Thursday 10/6/11	Friday 10/7/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	PBL 5		PBL 5		PBL 5
8:30		Journal Club			
		J-Q, R, S			
9:00	J-Q, R, S	<b>Lecture - A-250</b> Posttranslational modifications Transport in ER Transport in mitochondria	J-Q, R, S		J-Q, R, S
9:30	<b>BREAK</b>		<b>BREAK</b>		<b>Lecture - A-250</b> The Eukaryotic Cell
	<b>Lecture - Weill</b>	<b>(Maxfield)</b>	<b>Lecture - Weill</b>		
10:00	Post-translational Protein Processing 1 <b>(Lam)</b>	<b>Lecture - A-250</b> Membrane Traffic Through the Golgi Apparatus	Endocytosis <b>(Maxfield)</b>		<b>(K.Hajjar)</b>
10:30	<b>BREAK</b>	<b>(Maxfield)</b>	<b>BREAK</b>		<b>This week/Next Week A-250</b> <b>BREAK</b>
	<b>Lecture - Weill</b>	<b>Lecture - A-250</b> From TGN to the Plasma Membrane	<b>Lecture -Weill</b> Intracellular Motility & Microtubules		<b>Introduction (A-250)</b> <b>Histology Lab</b> Cells & Organelles
11:00	Membrane Proteins & Catalyzed Diffusion <b>(Andersen)</b>	<b>(Kreitzer)</b>	<b>(Kreitzer)</b>		
11:30	<b>Small Group Conference</b>	<b>Lecture - A-250</b> Cytoskeleton & Cell Architecture	<b>Lecture - Weill</b> Cell Cycle	J-Q, R,S	
12:00	Membrane Lipid, Structure, Function, Dynamics	<b>(Kreitzer)</b>	<b>(Brown)</b>		
12:30	J-Q, R,S				

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WEEK 7

Time	Monday 10/10/11	Tuesday 10/11/11	Wednesday 10/12/11	Thursday 10/13/11	Friday 10/14/11	
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>	
8:00	PBL 6		PBL 6		PBL 6	
8:30		Journal Club J-Q, R, S				
9:00	J-Q, R, S	Lecture - A-250 Mitochondria (Manfredi)	J-Q, R, S			J-Q, R, S
9:30	BREAK		BREAK			Lecture - A-250
	Lecture - Weill		Lecture - A-250			
10:00	Epithelium (Rodriguez-Boulan)	Lecture - A-250 Apoptosis & Necrosis (Wu)	Mechanics of mitosis (Kreitzer)			Metastasis (Brown)
10:30	BREAK		Lecture - A-250			Post-Lecture Conference A-250
11:00	Histology Lab	BREAK	Cancer (Brown)			This week/Next Week A-250
11:30	Epithelia	Histology Lab				
12:00		Cell Polarity & Secretion	Histology Lab			BREAK
	J-Q, R,S		Mitosis			Lecture - A-250
12:30			J-Q, R,S			Stem Cells (Rafii)
		J-Q, R, S				

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WEEK 8

Time	Monday 10/17/11	Tuesday 10/18/11	Wednesday 10/19/11	Thursday 10/20/11	Friday 10/21/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	<b>PBL 7</b>	Journal Club	<b>PBL 7</b>		<b>PBL Assessment</b>
8:30		J-Q, R, S			
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		J-Q, R, S
9:30	<b>BREAK</b>	Lecture - A-250 Principles of Cancer therapy (Giannakakou)	<b>BREAK</b>		<b>BREAK</b>
10:00	<b>QUIZ #5</b> Cell Biology	<b>BREAK</b>	Lecture - Weill Cellular Elements of Blood (Fuortes)		Lecture - A-250 Blood Cell Lineages
10:30	Weill	Lecture - A250 Meiosis	Post-Lecture Conference - Weill		(Fuortes)
11:00	<b>BREAK</b>	(Carter)	<b>BREAK</b>		Histology Lab
11:30	Lecture - Weill	Histology Lab	Histology Lab		Hematopoiesis
12:00	Cell Motility (Myat)	Meiosis	Blood		J-Q, R,S
12:30		J-Q, R,S	J-Q, R,S		

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## WEEK 9

Time	Monday 10/24/11	Tuesday 10/25/11	Wednesday 10/26/11	Thursday 10/27/11	Friday 10/28/11	
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>	
8:00	PBL 8		PBL 8		PBL 8	
8:30		Journal Club				
		J-Q, R, S				
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S			J-Q, R, S
		Lecture - A-250				
9:30	Lecture - Weill	Inflammation	<b>BREAK</b>			This week/Next Week A-250
	Extracellular Matrix Structure & Function	(Fuortes)	Lecture - Weill			Lecture - A-250
10:00	(Brown)	<b>BREAK</b>	Bone Morphogenesis (Fuortes)			Bone Structure and Function
		Post-Lecture Conference - A-250				(Fuortes)
10:30	Post-Lecture Conference	<b>BREAK</b>				
11:00	Histology Lab	Lecture - A-250	Histology Lab			Histology Lab
		Phagocytosis				
11:30	Connective Tissue	(Fuortes)	Cartilage		Bone	
12:00	J-Q, R,S	Lecture - A-250	J-Q, R,S		J-Q, R,S	
		Cartilage				
12:30		(Fuortes)				

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WEEK 10

Time	Monday 10/31/11	Tuesday 11/1/11	Wednesday 11/2/11	Thursday 11/3/11	Friday 11/4/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	PBL 9		PBL 9		PBL 9
8:30		Journal Club			
		J-Q, R, S			
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		J-Q, R, S
9:30	<b>BREAK</b>	Lecture - A-250	<b>BREAK</b>		<b>BREAK</b>
		Mendelian Genetics	Lecture - Weill		Lecture - A-250
10:00	Histology Practical Exam	(Davis)	Genomics		Epigenetics & Imprinting
		<b>BREAK</b>	(Shaykhiev)		(Hackett)
10:30	Weill	Lecture - A-250	Post lecture conference		<b>BREAK</b>
11:00		Cytogenetics	Lecture - Weill		Small Group Conference
		(Davis)	Linkage & Association		
11:30		Post lecture conference A-250	(Klein)		Pedigree lab
		<b>BREAK</b>			
12:00	Lecture - Weill	Small Group Conference	Lecture - Weill		
	Human Genome		Positive Exposure		
12:30	(Crystal)	Genetic Databases	(Guidotti)		J-Q, R, S
		J-Q, R, S			

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## WEEK 11

Time	Monday 11/7/11	Tuesday 11/8/11	Wednesday 11/9/11	Thursday 11/10/11	Friday 11/11/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	PBL 10		PBL 10		PBL 10
8:30		Journal Club			
9:00	J-Q, R, S	J-Q, R, S	J-Q, R, S		J-Q, R, S
9:30	BREAK	Lecture - A-250	BREAK		BREAK
	Lecture - Weill	Current Status of Pre-Implantation Genetic Diagnosis	Lecture - A-250		Lecture - A-250
10:00	Cytogenetics II	(Schattman)	Genetic Counseling		Therapies for Genetic Diseases I
		BREAK			
10:30	(Davis)	Lecture - A-250	(Davis)		(Crystal)
	Lecture - Weill	Phenotype/ Genotype Correlations	BREAK		This week/Next Week
11:00	Genetic Testing	(Klein)	Lecture - A-250		BREAK
		BREAK			
11:30	(Davis)	Lecture - A-250	(Klein)		Small Group Conference
12:00	Lecture - Weill	Patient Presentation	Lecture - A-250		Genetic Counselors
	Patient Presentation		Therapies for Genetic Diseases II		
12:30	(Davis)	(Davis)	(Hackett)		J-Q, R, S

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## WEEK 12

Time	Monday 11/14/11	Tuesday 11/15/11	Wednesday 11/16/11	Thursday 11/17/11	Friday 11/18/11	
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>	
8:00	PBL 11		PBL 11		PBL 11	
8:30		Journal Club				
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S			J-Q, R, S
9:30	<b>BREAK</b>	<b>Lecture - A250</b> Membranes, Compartments, Water  <b>(Andersen)</b>	<b>Lecture - Weill</b>  Membrane Potentials  <b>(Andersen)</b>			<b>Lecture - A-250</b>  Membrane Proteins  <b>(Andersen)</b>
10:00	<b>QUIZ #6</b> Genetics  Weill					
10:30		<b>Post-Lecture Conference A-250</b>	<b>Post-Lecture Conference - Weill</b>			<b>Post-Lecture Conference A-250</b>
	<b>Lecture - Weill</b>		<b>BREAK</b>			<b>Small Group Conference</b>
11:00		<b>Small Group Conference</b>	<b>Small Group Conference</b>			
11:30		Osmotic water flow	Cell and body volume regulation			Diffusion membrane potentials
12:00		J-Q, R,S				J-Q, R,S
12:30			J-Q, R,S			

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## WEEK 13

Time	Monday 11/21/11	Tuesday 11/22/11	Wednesday 11/23/11	Thursday 11/24/11	Friday 11/25/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	<b>PBL 12</b>	Journal Club	<b>PBL 12</b>	<b>Thanksgiving</b>	<b>Thanksgiving</b>
8:30		J-Q, R, S			
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		
9:30	<b>BREAK</b>	Integration: Membrane Transport Processes  (Andersen)	<b>BREAK</b>		
	<b>BREAK</b>		<b>Mock TJE Debriefing</b>		
10:00	<b>Lecture - Weill</b>	<b>Post-Lecture Conference - A-250</b>	<b>Weill</b>		
10:30	Active Transport  (Andersen)	<b>Mock TJE</b>			
11:00	<b>Post-Lecture Conference - Weill</b>				
	<b>BREAK</b>				
11:30	<b>Small Group Conference</b>	<b>A-250 &amp; J-Q, R, S</b>			
12:00	TBA	<b>Lecture - A-250</b>  (12:10pm)			
12:30	J-Q, R,S	Biology of Aging (Siegler)			

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## WEEK 14

Time	Monday 11/28/11	Tuesday 11/29/11	Wednesday 11/30/11	Thursday 12/1/11	Friday 12/2/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	<b>PBL 13</b> Failure to Wean		<b>PBL 13</b> Failure to Wean		<b>PBL 13</b> Failure to Wean
8:30		Journal Club			J-Q, R, S
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		<b>BREAK</b>
9:30	<b>BREAK</b>	Lecture - A-250	<b>BREAK</b>		Lecture - A-250
	Lecture - Weill	Channel events Underlie Neuronal Activity	Lecture - Weill		Brain Synapses Learning & Memory
10:00	Neurophysiology of Action Potentials	(Gardner)	Chemical Synaptic Transmission		(Gardner)
10:30	(Gardner)	Post-Lecture Conference and Lab orientation -A-250	(Gardner)		Post-Lecture Conference A-250
	Post-Lecture Conference - Weill	<b>BREAK</b>	Post-Lecture Conference - Weill		Small Group Conference
11:00	<b>BREAK</b>	Laboratory	<b>BREAK</b>		Gating, Selectivity, & Integration
11:30	Small Group Conference	Computer Lab:  Neuronal Signalling and Structure and Function of Channels	Small Group Conference		J-Q, R,S
12:00	Conductances, currents and resting potentials		Nerve impulse propagation		Lecture - A-250
12:30	J-Q,R, S	J-Q, R,S	J-Q, R,S		Overview of Cell Signalling  (Levin)

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## WEEK 15

Time	Monday 12/5/11	Tuesday 12/6/11	Wednesday 12/7/11	Thursday 12/8/11	Friday 12/9/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>MPS 1</b>	<i>Molecules, Genes &amp; Cells</i>
8:00	<b>PBL 14</b> The Retired Runner		<b>PBL 14</b> The Retired Runner		<b>PBL 14</b> The Retired Runner
8:30		Journal Club			J-Q, R, S
9:00	J-Q, R, S	<b>BREAK</b>	J-Q, R, S		<b>Lecture - A-250</b>
9:30	<b>BREAK</b>	<b>Lecture - A-250</b>	<b>Lecture-Weill</b>		Pharmaco- genetics <b>(Reidenberg)</b>
	<b>Lecture - Weill</b>		Calcium: The Universal Signal		
10:00	Signal Transduction Pathways I -Intracellular Receptors <b>(Gudas)</b>	GPCRs II - Pathways <b>(Levin)</b>	<b>(Dittman)</b>		<b>BREAK</b>
10:30	<b>Post-Lecture Conference - Weill</b>	<b>Post-Lecture Conference: A-250</b>	<b>Post-Lecture Conference</b>		<b>Lecture - A-250</b>
	<b>BREAK</b>	<b>BREAK</b>	<b>Lecture - Weill</b>		Oncogenes <b>(Gudas)</b>
11:00	<b>Lecture - Weill</b>	<b>Lecture - A-250</b>	Signal-Response <b>(Szeto)</b>		<b>This week/Next Week A-250</b>
11:30	GPCRs <b>(Levin)</b>	Enzyme-linked Receptors & Cross-Talk <b>(Levin)</b>	<b>Post-Lecture Conference</b>		<b>Lecture - A-250</b>
12:00	<b>Post-Lecture Conference - Weill</b>	<b>Post-Lecture Conference - A-250</b>			Receptor signalling in health and disease <b>(Levin)</b>
12:30					

Molecules, Genes and Cells & MPS I

2011/12

WEEK 16

Time	Monday 12/12/11	Tuesday 12/13/11	Wednesday 12/14/11	Thursday 12/15/11	Friday 12/16/11
	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<i>Molecules, Genes &amp; Cells</i>	<b>Triple Jump</b>	<b>Triple Jump</b>
8:00	<b>PBL evaluations</b>  J-Q, R, S	Journal Club		<b>TRIPLE JUMP</b> 9:00 AM-11:00 AM	<b>TRIPLE JUMP ORALS</b> (8 AM - 5 PM)
8:30		J-Q, R, S			
9:00	Break	<b>BREAK</b>	<b>Quiz #7</b>		
9:30	<b>Lecture - Weill (9:10)</b>  Skeletal Muscle: Structure, Function & Control  (Gardner)	<b>Lecture - A-250</b>  Smooth Muscle Structure/Function  (Catanzaro)	<b>Weill</b>		
10:00	<b>Post-Lecture Conference - Weill</b>	<b>BREAK</b>	<b>Course Direction Concluding Remarks Weill</b>		
10:30	Break	<b>Lecture - A-250</b>	<b>COURSE EVALUATION</b>		
11:00	<b>Lecture - Weill</b> Drug Discovery and Development: Current Challenges and Opportunities	Integration: Biophysics of Excitable Tissue  (Gardner)	J-Q, R, S		
11:30	(Paul)	<b>BREAK</b>	Archbold Commons		
	<b>Histology Lab (11:45)</b> Muscle	<b>Small Group Conference</b>			
12:00		Muscle Excitation & Function			
12:30	J-Q, R,S	J-Q, R,S			