

# DRAFT

## Keck School of Medicine University of Southern California

### YEAR I SCHEDULE OF INSTRUCTION

#### Hematology & Clinical Immunology System

January 12 – February 19, 2010

LECTURE ROOM: Mayer Auditorium (KAM Building)

[Medical Student Education Website: http://medweb.usc.edu](http://medweb.usc.edu)

MULTIDISCIPLINARY LABS (MDL) McKibben 152, 153, 154, 157, 159 Bishop 104-A and 104-B

#### CHAIRPERSONS:

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#### Evaluation:

Written and Practical Exams = 100% of grade

Performance should meet 70% on written component and 50% on practical in order to pass the course

Office for Curriculum, KAM Building Room 314, Phone: 323-442-1763, FAX: 323-442-2318

***Please bring clickers to class. Some lecturers will be using ARS; this may not be identified in the schedule.***

*wc denotes webcast. Not all faculty have responded. wc will be updated*

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## Year I Hematology System

## Week 1

	1/11/2010 Monday	1/12/2010 Tuesday	1/13/2010 Wednesday	1/14/2010 Thursday	1/15/2010 Friday	
8:00	<b>Final Exam</b> Skin  (schedule to be announced)	Lec. then MDLs	Lec. -	Lec. - Students receive their own CBC results Dr. Liebman & Dr. Brynes wc	Lec. - Vitamin B12 & Folic Acid: Biochemistry and Physiology	
8:30		Phlebotomy Lab • Short video in Lecture Hall, then to MDL	Dr. Levine wc	Introduction - Approach to Anemias	MDL. - Small Group Discussion • Clinical Case #7 • Clinical Case #8	Dr. Feinstein wc
9:00						
9:30		Hematology and ICM Faculty	Lec. - Structure & Morphology: Peripheral Blood & Bone Marrow Dr. Brynes wc	MDL. - Small Group Discussion • Clinical Case #5	Clinical Faculty	MDL. - Small Group Discussion • Clinical Case #9
10:00						
10:30						
11:00		<b>Noon Break</b>				
11:30	Lec. - Introduction to course: Clinical thinking in Hematology Dr. Liebman wc	MDL. - Pathology Lab: Structure & Morphology: Peripheral Blood and Bone Marrow  Pathology Faculty	Lec. - Chronic Disease Anemia mechanisms, concepts, example • Clinical case: Rheumatoid Arthritis Dr. Johnson wc	ICM Patient Education Groups 1-30	Lec. - Hemolytic Anemias & Hemoglobin Catabolism: Diagnosis and Mechanisms  Dr. Johnson wc	
12:00						
1:00		Lec. - Overview of Hematopoiesis  Dr. Levine wc	Lec. - RBC membrane & RBC physiology Dr. Kalra wc			
1:30						
2:00	Lec. - Abnormal Hemoglobin - Example of Protein Structure/Function Dr. Markland wc	Lec. - <i>Medical Spanish Elective II</i> <i>Repaso de sistemas</i> <i>Lec/Conv Lab 4-6 PM</i> Dr. D. Zarazúa				
3:00						
4:00						
5:00	<i>ICM Quiz: Patient Education</i> <i>CLOSES 1/14 @ 12:30 PM</i>					

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## Year I Hematology System

## Week 2

	1/18/2010 Monday	1/19/2010 Tuesday	1/20/2010 Wednesday	1/21/2010 Thursday	1/22/2010 Friday			
8:00	MARTIN LUTHER KING DAY  HOLIDAY	ICM	MDL. - Small Group Discussion • Clinical Case #10 • Clinical Case #11 • Case #11A • Case #11B • Case #11C	MDL. - Small Group Discussion • Clinical Case #13 • Clinical Case #14  Clinical Faculty	Lec. -  Large Group Discussion: Problem Solving in Transfusion Medicine			
8:30						Lec. -  <i>Review:</i> <i>Approach to Anemia Lecture</i>	Dr Schulman wc	
9:00								Lec. -  Evaluation of the Bleeding Patient
9:30				Clinical Faculty				
10:00						Dr. Liebman wc		
10:30							Dr. Liebman wc	
11:00	Dr. Liebman wc							
11:30		Dr. Liebman wc						
12:00			Noon Break					
1:00	MARTIN LUTHER KING DAY		Lec. - Thalassemia Syndromes  Dr. Johnson wc	Lec. - Clinical Case Discussion • Case #12  Dr. Holtom wc	Lec. -  <i>Review:</i> <i>Self-Assessment Anemia (ARS)</i>  <i>Dr. Feinstein</i>	Lec. -  Introduction: The Tests of Coagulation  Dr. O'Connell wc		
1:30		Lec. - Clinical Case Discussion • Patient with Sickle Cell Disease  Dr. Johnson wc	Lec. - Antimalarial Drugs  Dr. Gopalakrishna wc	Lec. - Introduction to Transfusion Medicine			Lec. - Formation of Hemostatic Plug  Dr. Liebman wc	
2:00			Lec. - Malaria  Dr. Inderlied			Lec. - Clinical Case Discussion • G6PD Case  Dr. Johnson wc		Dr. Shulman wc
3:00		Dr. Johnson wc	Dr. Johnson wc	Dr. Johnson wc				
4:00					Dr. Johnson wc		Dr. Johnson wc	
5:00						Dr. Johnson wc		Dr. Johnson wc
	Dr. Johnson wc	Dr. Johnson wc	Dr. Johnson wc					
				Dr. Johnson wc	Dr. Johnson wc		Dr. Johnson wc	

*ICM Quiz: Intro. to Physical Exam  
OPENS 1/21 @ 12:00 PM*

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## Year I Hematology System

## Week 3

	1/25/2010 Monday	1/26/2010 Tuesday	1/27/2010 Wednesday	1/28/2010 Thursday	1/29/2010 Friday	
8:00	MDL - Small Group Discussion • Clinical Case #32 • Clinical Case #33 • Clinical Case #34  Clinical Faculty	ICM	Lec. - Natural Anticoagulant System & Fibrinolysis Dr. Liebman wc	Lec. - Hereditary & Acquired Disorders of Hemostasis Part I  Dr. Feinstein wc	Lec. - Overview: Big Picture - Coagulation  Dr. Liebman wc	
8:30			Lec. - Prothrombotic State and Venous Thrombosis  Dr. Weitz wc			BREAK
9:00			Lec. - Platelet Kinetics	Lec. - Clinical Case Discussion • Clinical Case #38  Dr. Feinstein wc	Lec. - Hereditary & Acquired Disorders of Hemostasis Part II  Dr. Feinstein wc	Lec. - <i>Review: Self-Assessment Coagulation (ARS)</i>  <i>Dr. Feinstein</i>
9:30			Dr. Feinstein wc	Dr. Feinstein wc		
10:00	<b>Noon Break</b>					
10:30	PPM	Lec. - Platelet Function and Its Defects  Dr. O'Connell wc	Lec. - Clinical Case Discussion SPP Case #4  Dr. Weitz wc	ICM Introduction to Physical Exam Groups 1-30	Lec. - Functional anatomy of Immune System  Dr. Taylor wc	
11:00					Lec. - Clinical Case Discussion • Clinical Case #35	Lec. - Endothelial Platelet and Coagulation Interactions Anti-platelet Drugs  Dr. Liebman wc
11:30	Dr. Liebman wc	Dr. O'Connell wc	Dr. Liebman wc		Lec. - Clinical Case Discussion SPP Case #1 Dr. Church wc	
12:00						
1:00						
1:30						
2:00						
3:00						
4:00						
5:00						

*ICM Quiz: Intro. to Physical Exam  
CLOSES 1/28 @ 12:30 PM*

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## Year I Hematology System

## Week 4

	2/1/2010 Monday	2/2/2010 Tuesday	2/3/2010 Wednesday	2/4/2010 Thursday	2/5/2010 Friday
8:00	Lec. - Immunologic Tolerance and Autoimmunity - Part I Dr. McMillan wc	ICM Interviewing Skills OSCE	Lec. - Transfusion Transmitted Diseases: Part II Dr. Li wc	Lec. - Nosocomial Infections  Dr. Holtom wc	
8:30	Lec. - Hereditary Immune Deficiency Diseases Dr. Church wc		HIV-1 Basic Virology & Pathobiology  Dr. Church wc	Lec. - Principles of Sepsis  Dr. Holtom wc	Lec. - Clinical Case Discussion • Clinical Case #19  Dr. Forman
9:00	Lec. - Clinical Case Discussion • Clinical Case #2  Dr. Church wc			Lec. - EBV and Immune Control Dr. Holtom wc	
9:30				Lec. - HIV Disease  Dr. Jacobson wc	Lec. - Clinical Case Discussion SPP Case #3 Dr. Holtom wc
10:00					
10:30					
11:00					
11:30					
12:00	<b>Noon Break</b>				
1:00	Pathways	Lec. - Granulocyte production, kinetics and function Dr. Coates	Lec. - Principles of therapy for HIV Disease Dr. Neamati	Lec. - Frontiers of Medicine: Transplant Immunology Dr. Shah wc	Lec. - Myeloproliferative Disorders as Models of Clonal Disorders Dr. Ailawadhi
1:30		Lec. - Role of Chemokine Networks in Disease Dr. McMillan wc	Lec. - Pathology Lab Diagnosis of Infection Dr. Hiti wc		Lec. - Introduction to Acute Leukemia Dr. Ailawadhi
2:00		Lec. - Immunologic Tolerance and Autoimmunity - Part II Dr. McMillan wc	Lec. - Transfusion Transmitted Diseases: Part I Dr. Li wc	Lec. - Clinical Case Discussion SPP Case #2  Dr. Levine wc	Lec. - Acute Myeloblastic Leukemia  Dr. Douer wc
3:00					
4:00					
5:00					

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## Week 5

	2/8/2010 Monday	2/9/2010 Tuesday	2/10/2010 Wednesday	2/11/2010 Thursday	2/12/2010 Friday	
8:00	Lec. - Clinical Case Discussion • Clinical Case #17 • Clinical Case #18	ICM	Lec. - Immunoproliferative disorders: MM, Macroglob, MGUS  Dr. Mohrbacher	Lec. - Clinical Case Discussion • Clinical Case #23 • Clinical Case #24 • Clinical Case #25	Lec. -  <i>Review:</i> <i>Heme Neoplasia</i>	
8:30						
9:00						
9:30	Dr. Douer wc				Dr. Levine wc	
10:00	Lec. - Pathology of Lymphomas and Hodgkin's Disease		MDL - Small Group Discussion • Clinical Case #26 • Clinical Case #27 • Clinical Case #28	Lec. - 10:10 - 12:00 PM Clinical Case Discussion • Clinical Case #29 • Clinical Case #30	<i>Dr. Levine wc</i>	
10:30						
11:00						
11:30	Dr. Taylor wc		Clinical Faculty	Dr. Levine wc	Lec. - Class Discussion Art of Medicine	
12:00	<b>Noon Break</b>					
1:00	PPM	Lec. -  <i>Case Review Sessions (ARS)</i>	Lec. - Molecular and Immunologic Markers of Heme Neoplasia Dr. Shibata wc			
1:30						
2:00		<i>Dr. Taylor wc</i>				
3:00	Lec. - Introduction: Clinical aspects of lymphoproliferative disease	MDL - Small Group Discussion • Clinical Case #21 • Clinical Case #22				
4:00						
5:00	Dr. Levine wc	Clinical Faculty				

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## Year I Hematology System

## Week 6

	2/15/2010 Monday	2/16/2010 Tuesday	2/17/2010 Wednesday	2/18/2010 Thursday	2/19/2010 Friday
8:00	PRESIDENTS' DAY HOLIDAY	Lec. - Frontiers of Medicine: Embryonic Stem Cells Dr. Pera wc			<b>Final Exam</b> Hematology/ Clinical Immunology (schedule to be announced)
8:30					
9:00		Lec. - <i>Informal Overview/ Course Review: Bring your questions</i>			
9:30					
10:00					
10:30					
11:00					
11:30		<i>Dr. Liebman and Dr. Johnson</i>			
12:00	<b>Noon Break</b>				
1:00	PRESIDENTS' DAY				<b>Final Exam</b> Hematology/ Clinical Immunology (schedule to be announced)
1:30					
2:00					
3:00					
4:00					
5:00					

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