## Block 5 One-Pager

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## Overview

### Important Dates:

Nov. 24: Structure Exam

Dec. 4: SSEO Dec. 5: NBME

### **Learning Tips:**

- →Use Practice Questions Throughout Block (SEQs and MCQs)
- → Preview New Lecture Material
- → Rehearse 'Bugs & Drugs' Regularly
- →Add Context to Previous Blocks
- → Meet with Learning Specialists:

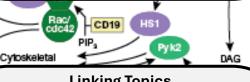


Access Learning Specialist appointments and Near-Peer Tutoring sessions using Penji

# **Major Topics**

#### ceptor Weekly Themes:

- The Two Universes of the Immune System
- Immune System in Health and Disease
- Microbiology & Clinical Syndromes in Infectious Disease
- Viral Infections
- Infections in Immunocompromised
- Hematopoiesis and the Host
- Aberrations in Leukocytes
- Hematology/Oncology
- The Balance between Self and Non-Self
- Skin as a Window to the Immune System and Barrier to Infections
- Orthopaedics



### **Linking Topics**

Cell Physiology as Key to Understanding **Immune System** 

- → Cell-to-Cell Interactions
- → Signal Transduction
- → Autoimmune Disorders

Virology and Links to Pathology & Immune Response

- → Viral Assembly
- → Viral Genetics

Dermatology and Structure of Immune Barriers

### **Orthopedics**

- → Anatomical Roadmap for Pathologies
- → Structure & Movement of Human Body

### Development

- → Link Normal Anatomy to Pathologies
- →Understand Rules for Construction

**Critical Literature** 

- Chin-Hong, P., Joyce, E. A., Karandikar, M., Matloubian, M., Rubio, L. A., Schwartz, B. S., and Levinson, W. 2024. Levinson's Review of Medical Microbiology & Immunology, A Guide to Clinical Infections Diseases. 18th Edn. McGraw Hill.
- Loscalzo, J., Fauci, A., Kasper, D., Hauser, S., Longo, D., Jameson, J. L. 2022. Harrison's Principles of Internal Medicine. 21st Edn. McGraw Hill.
- Aster, J. C. & Bunn, F. H. 2017. Pathophysiology of Blood Disorders. 2nd Edn. McGraw Hill.



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