

Block 5 One-Pager

Overview

Important Dates:

Nov. 24: Structure Exam

Dec. 4: SSEQ

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

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 Hosts
- 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.](#)

ceptor

mIg

Gα

SHP

SHP

SHP

Btk

am32

Gβγ

LAB

SOS

Ras

Ras GRP

Ras GAP

Raf

K1/2

K1/2

Pro

Del

Elk-1

transcription

ATP Generation