Block 3 One-Pager

Overview

Exam Dates:
Structure Exam: Feb. 10
SSEQ: Feb. 12
NBME: Feb 13

Learning Tips:
→Integrate new topics with Blocks 1 & 2
→Add context to difficult concepts
→Memorize as a last resort – link pathways together and visualize the 'big picture'
→Meet with Learning Specialists using Penji:

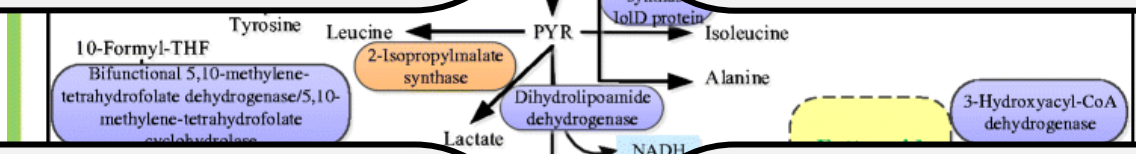
→Also look for Near-Peer Tutoring and Meta Seminar options in Penji!

Major Topics

Nutrition
- Micronutrients – Vitamins & Minerals as Cofactors for Enzymes
- Macronutrients – Carbohydrates, Proteins, Lipids and their Role in Growth & Maintenance

Biochemistry
- Protein Structure & Function – Basis of Cells & Tissues, Drug Targets, Metabolism, Regulation

Gastroenterology
- Physiology & Pathology of GI Tract Organs
- Integration of Motility, Secretion, Digestion, & Absorption



Linking Topics

Metabolism
→Use this topic to link together different pathways and to pair anabolism with catabolism

Enzyme Kinematics
→Understand reactions and their relationship to energy
→Link enzymes, pathology, and pharmacology

Utilize Your BoardVitals Qbank

→Register using your CWRU credentials
→Practice MCQs & Assemble Quizzes
→Learn Test-Taking Skills and Develop Metacognition

Critical Literature

Kennelly P.J., & Botham K.M., & McGuinness O.P., & Rodwell V.W., & Weil P. (Eds.) (2023), *Harper's Illustrated Biochemistry, 32nd Edition*: McGraw Hill Education.

Harvey, Richard A., Ph. D. (2011). Lippincott's illustrated reviews: Biochemistry. Philadelphia :Wolters Kluwer Health

Loscalzo J, & Fauci A, & Kasper D, & Hauser S, & Longo D, & Jameson J(Eds.) (2022), *Harrison's Principles of Internal Medicine, 21e*. McGraw-Hill Education.

Barrett K.E.(Ed.), (2014). *Gastrointestinal Physiology, 2e*. The McGraw-Hill Companies.