

FACULTY OF MEDICINE PHASE III - SPRING

MED 314	Instructors: Prof. Dr. Kılıç	13.30 - 14.20	14.30 - 15.20
1	02.02.2023 THURSDAY	General Properties and Definitions of Enzymes Classification and Nomenclature of Enzymes (Dr.Kılıç)	General Properties and Definitions of Enzymes Classification and Nomenclature of Enzymes (Dr.Kılıç)
2	02.03.2023 THURSDAY	Enzyme Kinetics: Catalytic Mechanism of Enzymes Enzyme Kinetics: Factors that Influence Enzymatic Reactions-1 (Substrate Concentration, Enzyme Concentration, pH) (Dr.Kılıç)	Enzyme Kinetics: Catalytic Mechanism of Enzymes Enzyme Kinetics: Factors that Influence Enzymatic Reactions-1 (Substrate Concentration, Enzyme Concentration, pH) (Dr.Kılıç)
3	09.03.2023 THURSDAY	Enzyme Kinetics: Factors that Influence Enzymatic Reactions-2 (Temperature, Cofactors, Inhibitors) Use of the Lineweaver-Burk and Eadie-Hofstee plots (Dr.Kılıç)	Enzyme Kinetics: Factors that Influence Enzymatic Reactions-2 (Temperature, Cofactors, Inhibitors) Use of the Lineweaver-Burk and Eadie-Hofstee plots (Dr.Kılıç)
4	16.03.2023 THURSDAY	Definition of Enzyme Activity Measurement of Enzyme Activity Calculation of Enzyme Activity Regulation of Enzyme Activity (Dr.Kılıç)	Definition of Enzyme Activity Measurement of Enzyme Activity Calculation of Enzyme Activity Regulation of Enzyme Activity (Dr.Kılıç)
5	23.03.2023 THURSDAY	Clinical Significance of Enzymes Enzymatic Measurement of Blood Glucose (The glucose oxidase/peroxidase assay) (Dr.Kılıç)	Clinical Significance of Enzymes Enzymatic Measurement of Blood Glucose (The glucose oxidase/peroxidase assay) (Dr.Kılıç)
6	30.03.2023 THURSDAY	Clinical Significance of Enzymes: Creatine Kinase (Case based learning) (Dr.Kılıç)	Clinical Significance of Enzymes: Creatine Kinase (Case based learning) (Dr.Kılıç)
7	06.04.2023 THURSDAY	Clinical Significance of Enzymes: Lactate Dehydrogenase (Case based learning) (Dr.Kılıç)	Clinical Significance of Enzymes: Lactate Dehydrogenase (Case based learning) (Dr.Kılıç)
8	13.04.2023 THURSDAY	Clinical Significance of Enzymes: Aspartate Aminotransferase Clinical Significance of Enzymes: Alanine Aminotransferase (Case based learning) (Dr.Kılıç)	Clinical Significance of Enzymes: Aspartate Aminotransferase Clinical Significance of Enzymes: Alanine Aminotransferase (Case based learning) (Dr.Kılıç)
9	20.04.2023 THURSDAY	Clinical Significance of Enzymes: Alkaline Phosphatase Clinical Significance of Enzymes: Acid Phosphatase (Case based learning)	Clinical Significance of Enzymes: Alkaline Phosphatase Clinical Significance of Enzymes: Acid Phosphatase (Case based learning)
10	27.04.2023 THURSDAY	Clinical Significance of Enzymes: g- Glutamyltransferase Clinical Significance of Enzymes: Amylase (Case based learning) (Dr.Kılıç)	Clinical Significance of Enzymes: g- Glutamyltransferase Clinical Significance of Enzymes: Amylase (Case based learning) (Dr.Kılıç)
11	04.05.2023 THURSDAY	Clinical Significance of Enzymes: Lipase Clinical Significance of Enzymes: Glucose-6-Phosphate Dehydrogenase (Case based learning) (Dr.Kılıç)	Clinical Significance of Enzymes: Lipase Clinical Significance of Enzymes: Glucose-6-Phosphate Dehydrogenase (Case based learning) (Dr.Kılıç)
12	11.05.2023 THURSDAY	Clinical Significance of Enzymes: Macroenzymes Drug-Metabolizing Enzymes (Dr.Kılıç)	Clinical Significance of Enzymes: Macroenzymes Drug-Metabolizing Enzymes (Dr.Kılıç)
13	18.05.2023 THURSDAY	Case Discussion	