

Postgraduate Scientific Lectures

❖ Molecular Biology

Topic	Staff	Date
DNA organization & Repair	Dr. Nora	30/11/2023
Transcription	Dr. Wesam	7/12/2023
Translation	Dr. Marwa Hazem	14/12/2023
Regulation of gene expression	Dr Dina Ashraf	21/12/2023
Recombinant DNA technology	Dr. Amira	11/1/2024

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Metabolism

Topic	Staff	Date
Glycolysis Citric acid cycle Pentose shunt Gluconeogenesis Glycogen metabolism	Dr. Noha salah	1/12/2023
Endocrine system Mechanism of hormone action	Dr. Alshimaa Magdy	14/12/2023
Plasma proteins & Ig RBCs & WBCs Homeostasis & thrombosis	Dr. Rasha Mowafy	21/12/2023
Proteins: Determination of primary structure Proteins: Higher order of structure Catabolism of proteins Amino acid metabolism	Dr. Walaa Atef	4/1/2024
Myoglobin & HB Porphyrins and bile pigments	Dr. Randa	11/1/2024
Traffic & sorting of proteins	Dr. Maha	25/1/2024
Metabolism of xenobiotics	Dr. Randa	1/2/2024
Overview of metabolism Nutrition, digestion & absorption	Dr. Mona Elhelaly	8/2/2024
Glycoproteins	Dr. Sara	15/2/2024
Membranes	Dr. Wesam	22/2/2024
Muscle	Dr. Manal Ramzy	26/2/2024

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Chemistry

Topic	Staff	Date
CHO of physiological significance	Dr. Randa	24/11
AA and peptides	Dr. Randa	30/11
Vitamins & minerals Bioch. Role of transition elements	Dr. Mona Elhelaly	7/12
Enzymes	Dr. Manal	14/12
Carbohydrate metabolism	Dr. Manal	28/12
Protein metabolism	Dr. Walaa	11/