

P L A N
for the Laboratory practicals of the students
in Pharmacy, III course, for the academic year
2026/2027 г.

TOPIC 1	Health and disease. General aetiology and pathogenesis. Disorders in circulation – hyperaemia, ischaemia, thrombosis, embolism, infarction.
TOPIC 2	Basic typical pathological processes: hypoxia and acid-base balance disorders.
TOPIC 3	Disorders in carbohydrate and lipid metabolism. Diabetes mellitus.
TOPIC 4	Disorders in mineral metabolism (Ca, P); rickets, osteoporosis. Pathophysiology of the cardio-vascular system – coronary artery disease, heart failure.
TOPIC 5	Pathophysiology of the cardio-vascular system. Arterial hypertension, hypotensions and shock – types and pathogenesis.
TOPIC 6	Pathophysiology of the urinary system. Glomerulonephrites and tubule-interstitial nephrites. Renal failure – types, stages.
TOPIC 7	Pathophysiology of blood – disorders in haemopoiesis and haemostasis.

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