



Accepted by the Department Council № 1/17.01.2025

MEDICAL UNIVERSITY PLOVDIV, PHARMACY FACULTY

DEPT. PHARMACOLOGY, TOXICOLOGY AND PHARMACOTHERAPY, Tel.032/602 498, 15A "V. Aprilov" Blvd

HEAD OF DEPARTMENT: ASSOC. PROF. E. APOSTOLOVA, PhD

PROGRAMME FOR PHARMACOTHERAPY, PHARMACY STUDENTS – LECTURES,
SUMMER SEMESTER – ACADEMIC YEAR 2024/2025

№	DATE	TOPIC	HOURS
1.	10.02.2025	Rational Pharmacotherapy: the principles of the rational drug therapy and therapeutic strategies. Simulation center of MU Plovdiv and pharmacotherapy – film.	3
2.	17.02.2025	Clinical evaluation of the therapeutic efficacy. Pharmacotherapy in pregnancy and lactation.	3
3.	24.02.2025	Clinical trial of drugs – study design, clinical trial endpoints and main requirements.	3
4.	03.03.2025	Genetic polymorphism Therapeutic approaches for treatment of patients with renal and hepatic failure. Chronopharmacology and chronotherapy.	3
5.	10.03.2025	Monitoring of drug safety – types of ADRs and factors affecting the frequency and severity of adverse effects. Types of drug monitoring and examples.	3
6.	17.03.2025	Drug-induced pathological conditions.	3
7.	24.03.2025	Non-infectious-inflammatory syndrome – autoimmune reaction and autoimmune diseases, types of autoimmune diseases and treatment options.	3
8.	31.03.2025	Allergy and allergic diseases – etiological factors, clinical manifestations of allergic reactions. Treatment with antiallergic drugs.	3
9.	07.04.2025	Infectious-inflammatory syndrom – etiological factors, clinical manifestations in relation of the sites of infections. Appropriate antimicrobial chemotherapy.	3
10.	21.04.2025	Pneumonia – etiological factors, pathogenesis, types and antimicrobial chemotherapy.	3
11.	28.04.2025	Chronic obstructive pulmonary disease (COPD) – a stepwise approach in pharmacological treatment of stable COPD and during acute exacerbation. Novel expectorants and mucolytics.	3
12.	05.05.2025	Bronchial asthma – epidemiology and etiology, pathophysiology and pathogenesis, clinical presentation. Stepwise approach for management of chronic asthma and treatment of acute asthma episode.	3
13.	12.05.2025	Acid peptic disorders – etiology, pathogenesis, clinical manifestations. Antiulcer drug therapy – proton pump inhibitors (PPIs), H ₂ -receptor blockers, cromolins, antacids, anti-Helicobacter pylori therapy.	3
14.	19.05.2025	Antibiotic resistance – types and mechanisms. Classic and novel therapeutic strategies.	3
15.	26.05.2025	Latent mycobacterial infection and tuberculosis disease. Classic and novel therapeutic strategies for prevention and a combined drug treatment. BCG vaccination and Mantoux test.	3

TOTAL: 45h

Prepared by:
/Assoc. Prof. M. Shishmanova-Doseva, PhD/

Head of Department:.....
(Assoc. Prof. E. Apostolova, PhD)

16.01.2025



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