National Pirogov Memorial Medical University, Vinnytsya
Higher Educational Institution

APPROVED
Vice-Rector of Higher Education Institution
for Scientific, Pedagogical and Academic Work
Professor **Volodymyr SHKOLNIKOV**
"28" August 2026

THEMATIC PLAN OF PRACTICAL CLASSES

in the discipline of "CLINICAL IMMUNOLOGY AND ALLERGOLOGY"

for 5th-year students of Medical Faculty No. 1 and Medical Faculty No. 2

Specialty 222 "Medicine", 228 "Pediatrics"

for the 2026-2027 academic year

number topics	**Study subject**	**Number audit. hours**
1	The structure and function of the immune system. Developmental Immunology. Antigens major histocompatibility complex: structure and function.	2
2	Immunological research methods. The concept of imunohramu. The basic rules for assessing the immune status. The main symptoms of the immune system. Features parameters of immunity in different age groups.	2
3	Basic principles immunotropic destination therapy. Immunorehabilitation, immunization.	2
4	Congenital and acquired immunodeficiencies and secondary immune deficiency. Transplatatsiynyy immunity, immunology of reproduction, tumor; immune aspects of autoimmune diseases.	2
5	The concept of allergy. Mechanisms of AZ. Types of immunological reactions in Coombs and Jelly. Allergens, types, forms, purposes. Production of skin tests, provocation tests, laboratory examination methods.	2

6	Respiratory allergies: allergic rhinitis, hay fever: diagnosis treatment types, allergic asthma. Work Allergic manipulate it.	2
7	Nerespiratorni allergies, urticaria, angioedema, differential diagnosis, diagnosis, treatment and prevention. First aid at angioedema. "Allergy march", atopic, contact dermatitis, age characteristics, diagnostic methods and treatment. Food intolerance and food allergy.	2
8	Drug allergy diagnosis, differential diagnosis with other forms of intolerance to drugs, prevention. Landmark diagnosis. Insect allergies, diagnosis, prevention. Help in anaphylactic shock.	2

Head of the Tuberculosis, Clinical Immunology

and Allergy Department Ass-prof. of HEI Liudmyla KULIK