CONTENTS

01 CHAPTER. PUBLIC HEALTH ORGANIZATION AND MANAGEMENT AT THE INTERNATIONAL, NATIONAL AND REGIONAL LEVELS, ACTION PLANNING IN EMERGENCIES
THE ROLE OF INTERNATIONAL ORGANIZATIONS IN THE INSTITUTIONAL SYSTEM OF HEALTH CARE DURING ITS REFORMATION (Vivsiannyk O. M.)
2. International organizations in the conceptual model of the functioning of the institutional system of state regulation of health care
FORMATION OF INTERDISCIPLINARY CONNECTIONS IN PUBLIC HEALTH FOR THE REALIZATION OF SUSTAINABLE DEVELOPMENT GOALS (Zhara H. I.)
FUNDAMENTALS OF INTERNATIONAL AND NATIONAL POLICY AND STRATEGY IN THE FIELD OF PUBLIC HEALTH (Lekhan V. M., Onul N. M., Kriachkova L. V.)

02 CHAPTER. IMPLEMENTATION OF THE STATE MONITORING SYSTEM FOR HEALTH DETERMINANTS, RESPONSES TO PUBLIC HEALTH EMERGENCIES99
METHODOLOGICAL ASPECTS OF OBTAINING AND MATHEMATICAL ANALYSIS OF THE RESULTS OF QUESTIONNAIRE SURVEYS OF PUBLIC HEALTH (Antomonov M. Yu.)
General requirements for obtaining qualitative data in experimental studies and their initial processing
of public health
of youth and its members119 THE PRIORITY OF WATER AS DETERMINANTS OF PUBLIC HEALTH: OLD PROBLEMS AND NEW CHALLENGES
(Babienko V. V., Mokienko A. V.)
New challenges amidst old problems
of water
ASSESSMENT OF THE POPULATION RISK BECAUSE OF LEACHING FROM THE SOIL INTO GROUNDWATER OF VARIOUS GROUPS OF PESTICIDES RECOMMENDED FOR THE PROTECTION OF BERRY AND MELON CROPS IN THE PRIVATE FARMS OF UKRAINE
(Bilous O. S., Vavrinevych O. P.)
into groundwater and risk assessment for the population
OF EDUCATION INSTITUTIONS (Latina H. O.)

3. The principle of assessing the intensity of the work process of a teacher of general secondary education institutions according to the integral point assessment	. 197
PATHOGENESIS AND CLINICAL SYMPTOMS OF HUMAN INTESTINAL DISEASES CAUSED BY GRAM-NEGATIVE BACTERIA (Martych A. D., Krvavych A. S., Chervetsova V. G.)	
2. Current trends in the study of gram-negative bacteria and intestinal diseases	. 222
03 CHAPTER. DOMESTIC AND FOREIGN EXPERIENCE IN TRAINING PUBLIC HEALTH SPECIALISTS	. 227
ACTUAL ISSUES OF PERSONNEL POLICY FOR THE DOMESTIC SYSTEM OF PUBLIC HEALTH PROTECTION	
(Hushchuk I. V., Lyakh Yu. Ye., Smiyanov V. A.)	
and regional level	
public health system	
to be solved as soon as possible	
HOW TO USE WESTERN EXPERIENCE TO IMPROVE LIFE AND HEALTH IN EAST EUROPEAN COUNTRIES	
(Kolesnykov Ye. B., Kryzhevskyi V. V.)	
the health care system in Ukraine and East European countries	
and public health education3. Possible role of public health graduates during the war in Ukraine4. Collaboration between public health specialists and medical doctors	. 255
STRUCTURING OF EDUCATIONAL COMPONENTS OF PHARMA CURRICULA PROGRAMS IN THE COUNTRY OF THE EU AND UKRAINE IN SECTION OF THE SPECIALTY STANDARD	кСY
(Krychkovska A. M., Hubytska I. I., Monka N. Ya.)	. 261
of the specialty 226 Pharmacy, industrial pharmacy in accordance with the regulatory legal acts	. 262

2. Analysis of educational components of educational programs	
of Ukraine and EU countries	266
EXPERIENCE AND PROSPECTS OF TRAINING HUMAN	
RESOURCES FOR THE PUBLIC HEALTH SYSTEM OF UKRAINE	
(Khomenko I. M., Ivakhno O. P., Pershehuba Ya. V.)	290
1. Emergence of the prerequisites of the problem and formulation	
of the problem	
2. Analysis of existing methods of problem solving and task formulation	ı
for optimal development	
3. Management of epidemiological risks in the public health system4. Strategic directions of development of the national public	
health system in line with modern changes in society	297
5. Medical specialty in the public health system of Ukraine	300
04 CHAPTER. MENTAL HEALTH	300
	307
THE MENTAL HEALTH OF THE POPULATION IN THE WAR	
CONDITIONS: THEORY, PRACTICAL ASPECTS	
OF PSYCHOLOGICAL ASSISTANCE (Hilman A. Yu.)	
1. The essence and criteria of mental health	
2. The empirical study of mental health of adults in war conditions	316
3. The practical aspects of psychological assistance for the promotion	
of mental health	323
DEVELOPMENT OF REGRESSION MODELS OF	
PSYCHOPHYSIOLOGICAL STRESS IN CONDITIONS	
OF INFORMATION LOADS (Zaikina H. L.)	337
1. Algorithm for determining the degree of psychophysiological stress	55,
based on the analysis of scientific attempts of previous researchers	
and own observations	337
2. Methodical tools for determining "markers" of psychophysiological	55,
stress during information load	343
3. The method of determining the integral indicator of the	J .J
psychophysiological tension of the organism in the conditions	
of information loads	346
	540
CURRENT ISSUES OF PSYCHOSOCIAL REHABILITATION	
OF MILITARY SERVICEMEN AND THEIR FAMILIES	
(Kulesha N. P.)	363
1. Theoretical analysis of scientific approaches to the problem	
of the concept of rehabilitation	364

 2. Modern directions and organization of psychological support in crisis states of the personality
HYGIENIC ASEESSMENT OF THE PECULIARITIES OF THE PROCESSES OF FORMATION OF THE PSYCHOPHYSIOLOGICAL FUNCTIONS OF THE ORGANISM AND PERSONALITY TRAITS OF CHILDREN AND ADOLESCENTS SUFFERING FROM CHRONIC DISEASES (Serheta I. V.)
05 CHAPTER. HEALTH PROMOTION, MOTHER AND CHILD WELFARE
THE CHIED WEELTHE
ADAPTIVE AND FUNCTIONAL RESERVE CAPABILITIES OF CHILDREN'S BODIES: THE BASIS OF PRE-HOSPITAL DIAGNOSTICS IN THE PUBLIC HEALTH SYSTEM (Kalynychenko I. O.)
ADAPTIVE AND FUNCTIONAL RESERVE CAPABILITIES OF CHILDREN'S BODIES: THE BASIS OF PRE-HOSPITAL DIAGNOSTICS IN THE PUBLIC HEALTH SYSTEM (Kalynychenko I. O.)

HAPLOTYPE H-2 AND FEATURES OF CHANGES	
IN NEUROINFLAMMATORY CELLS, OXIDATIVE STRESS	
FACTORS, STRUCTURE AND FUNCTIONAL STATE	
OF THE CENTRAL NERVOUS SYSTEM	
IN NEUROTOXIN-INDUCED PARKINSONISM (Labunets I. F.)	455
1. Materials and methods	457
2. Results and Discussion	460
THE PRACTICE OF USING IMMOBILISED CELLS:	
DEVELOPMENT OF THE METHOD AND ITS POTENTIAL	
(Oshytok D. V., Krvavych A. S.)	472
1. Methods of immobilisation	
2. Selection of carrier materials	
3. Challenges and prospects	
5. Chanenges and prospects	400
THE CLINICAL SIGNIFICANCE OF THE DEVELOPMENT	
OF INDIVIDUAL NORMATIVE INDICATORS OF EXTERNAL	
BREATHING IN MODERN MEDICINE	
(Sarafyniuk L. A., Horodetska O. O., Kyrychenko Yu. V.)	486
1. Emergence of the prerequisites of the problem and formulation	
of the problem	488
2. Research on the state of health of youth in the Podil region	
of Ukraine	489
3. Development of individual normative spirographic indicators	
in young people of a certain somatotype	492
HUMAN IMMUNODEFICIENCY VIRUS. TRANSPLANTATION	
OF HEMATOPOIETIC STEM CELLS	
(Yatskova Ye. A., Chervetsova V. G., Konechna R. T.)	108
The structure and life cycle of a virus	
Groups and subtypes of HIV	
3. Life cycle and mechanism of action on the cell	
HIV treatment methods	
+ III v III aliin III III III III III III III III III	71 /()