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COLLECTION DE PAPIERS SCIENTIFIQUES

SUR LES MATÉRIAUX DE LA IV CONFÉRENCE SCIENTIFIQUE ET PRATIQUE INTERNATIONALE

DÉBATS SCIENTIFIQUES ET ORIENTATIONS PROSPECTIVES DU DÉVELOPPEMENT SCIENTIFIQUE

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ОСОБЛИВОСТІ НОМІНАТИВНИХ КОНСТРУКЦІЙ У ФРАНКОМОВНОМУ РЕКЛАМНОМУ СЛОГАНІ

Крук З.М. 99

ОСОБЛИВОСТІ ФУНКЦІОНУВАННЯ ЗООНІМУ «КІТ» У ФРАЗЕОЛОГІЗМАХ (НА МАТЕРІАЛІ ФРАНЦУЗЬКОЇ, АНГЛІЙСЬКОЇ ТА УКРАЇНСЬКОЇ МОВ)

Щетнік І.С. 101

РЕТРОСПЕКТИВНІ ТА ПЕРСПЕКТИВНІ МОНОЛОГИ В СУЧАСНІЙ УКРАЇНСЬКІЙ ДРАМАТУРГІЇ

Сахарова О.В. 104

СИНТАКСИЧНІ ЗАСОБИ ВИРАЖЕННЯ СЛОГАНУ В ФРАНЦУЗЬКОМУ РЕКЛАМНОМУ ТЕКСТІ

Луцик Н.М. 106

СОЦІОЛІНГВІСТИЧНИЙ ПІДХІД У ДОСЛІДЖЕННЯХ ФОНОЛОГІЧНОЇ СИСТЕМИ СУЧАСНОЇ ФРАНЦУЗЬКОЇ МОВИ

Воронько Г.М. 108

SECTION XV.

PHILOSOPHIE ET SCIENCE POLITIQUE

INNOVATIVE POTENTIAL OF THE EDUCATIONAL SYSTEM

Radionova L., Kozyrieva N. 110

THE MODERN WORLD ORDER IN THE NEW GEOPOLITICAL SYSTEM: NEGATIVE AND POSITIVE TRENDS

Akbarova Aygun Famil 112

SECTION XVI.

PÉDAGOGIE ET ÉDUCATION

ABOUT THE NEW SYSTEM OF SUMMARIZING LESSONS

Shelemanova Aynur Astan 115

MODERNIZATION OF THE CONTENT OF THE EDUCATIONAL PROCESS OF TRAINING MASTERS OF PHARMACY ON THE BASIS OF THE IMPLEMENTATION OF INDUSTRY INNOVATIONS AND TECHNOLOGIES

Scientific research group:

Voskoboinikova H.L., Dovzhuk V.V., Dovzhuk N.S., Konovalova L.V. 118

ВЗАЄМОДІЯ ПАРТНЕРСТВА ФАХІВЦІВ ІНКЛЮЗИВНО-РЕСУРСНОГО ЦЕНТРУ З БАТЬКАМИ ДІТЕЙ З ООП

Савінова Н.В., Спіріна І.В. 121

ДІАГНОСТИКА ФОРМУВАННЯ АНГЛОМОВНОЇ КОМУНІКАТИВНОЇ АКАДЕМІЧНОЇ ТА ФАХОВОЇ КОМЕТЕНТНОСТІ У МАЙБУТНІХ ДОКТОРІВ ФІЛОСОФІЇ ГАЛУЗІ ОХОРОНА ЗДОРОВ'Я

Лимар Л.В. 123

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MODERNIZATION OF THE CONTENT OF THE EDUCATIONAL PROCESS OF TRAINING MASTERS OF PHARMACY ON THE BASIS OF THE IMPLEMENTATION OF INDUSTRY INNOVATIONS AND TECHNOLOGIES

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Introduction. The pharmaceutical gala in the modern world demonstrates an anticipatory development with the introduction of the latest achievements of scientific and technical progress in pharmaceutical production and the development of new effective and affordable medicines. Such changes require a systematic update of the content of the educational process of training masters of pharmacy in university education on the basis of the introduction of industry innovations and technologies. The high-quality supply of medicines to the population characterizes the level of development of society. Therefore, the implementation of the best European and world experience in improving the system of medical care for the population is one of the urgent problems that must be solved at the state level. The bearers of all qualitative industry changes are specialists, professionals, among whom masters of pharmacy embody the highest level of professional training, which is acquired in modern universities.

The purpose is to highlight aspects of the modernization of the content of the educational process of training masters of pharmacy on the basis of the implementation of industry innovations and technologies.

Research methods: theoretical - research and analysis of scientific literature; comparative analysis of regulatory documents of the pharmaceutical sector of the EU and Ukraine; synthesis, comparison, generalization, classification, systematization, design, observation, testing; statistical - confirmation of the reliability of experimental data.

Research results and their discussion. Among the most influential qualitative changes - innovations of the pharmaceutical industry for the development of higher

pharmaceutical education in modern conditions, their effective implementation in the educational process in classical and medical universities of the countries of Central and Eastern Europe are: innovative technological achievements in molecular and cellular biology; the introduction of personalized medicine as a new trend in the development of targeted therapy; innovative social pharmacy, pharmaceutical care focused on patient needs; increasing the number of innovative pharmacotherapy drugs based on pharmaceutical production and the use of biotechnological products; innovative technology and digitalization of industrial pharmacy to ensure high quality and safety of medicinal products [1].

The proper functioning of the pharmaceutical sector of the health care sector in Ukraine is an important factor in the stability of demographic processes, resistance to various diseases, including those of a socially dangerous nature, an important factor in the survival of the people and the health of the nation. Therefore, state management of pharmacy in general is undoubtedly one of the priority issues of national security.

According to the generalized evidence of modern scientists and industry experts, it is impossible to fulfill the state's obligation to protect the health of its citizens without realizing the patient's rights to high-quality, affordable and safe medicines. Moreover, in the period of modern transformation of health care, the purpose, tasks and principles of state management of pharmacy need a new rethinking and updating in order to protect the interests of the general society and realize the legal rights and interests of citizens in the pharmaceutical sector of health care [2].

Legal relations in the pharmaceutical sector of health care are divided into the following groups: legal relations arising in the process of creating medicinal products; legal relations arising in the process of production of medicinal products; legal relations arising in the process of controlling the quality of medicinal products; legal relations arising in the process of importation into the territory of Ukraine and exportation of medicinal products from the territory of Ukraine; legal relations arising in the process of sale of medicinal products; legal relations arising in the process of obtaining a pharmaceutical education; legal relations arising in the process of anti-corruption activities in pharmacy; legal relations arising in the process of detection of offenses and removal on the basis of normative legal acts regulating pharmaceutical activity. Legal relations that arise in the process of creating medicinal products: activities of scientists regarding the search and synthesis of biologically active substances; registration of copyrights for inventions, useful models, innovative proposals; preclinical research of medicinal products; clinical trials; registration of medicinal product. The administrative activity of the state in such a complex of legal relations consists in the fact that the state creates pharmaceutical scientific and research institutions, institutions of higher education, which are centers of pharmaceutical science. On the basis of these institutions, pharmaceutical scientific schools are being created, which investigate the problems of creating new effective medicines for the treatment of diseases that threaten the life and health of people [2].

Therefore, the systematic updating of the content of the professional training of future masters of pharmacy in classical, pharmaceutical and medical universities is the primary cause of social changes, and requires the introduction of new training courses into the educational programs, as well as the updating of the content of all educational disciplines of professional training.

Improvement of the training system for the preparation of masters of pharmacy in higher educational institutions requires a thorough analysis of the domestic and foreign experience of training specialists and the determination of promising

directions for its modernization in accordance with domestic and international standards [3-5].

Correspondence of the content of educational programs for the preparation of masters of pharmacy to the requirements of employers (pharmaceutical enterprises - manufacturers of pharmaceutical preparations and pharmacies and medical institutions, which employ the majority of masters of pharmacy) for professional training in specialties and specializations: industrial pharmacy, pharmacy retail activity, clinical research.

It is the formation of the professional competence of masters of pharmacy in the training system, the content of which is constantly updated in university education, and the professional readiness to implement professional competences in the future professional pharmaceutical and scientific pedagogical activity that ensures compliance with the modern requirements of employers.

Modernization of the content of the professional training of masters of pharmacy covers in the conditions of European integration all the modernization changes and innovations of the pharmaceutical industry of the EU countries and requires the application of branch methodological approaches, namely: project management, risk-oriented and process approaches.

Modernization changes in the content of the professional training of masters of pharmacy in the direction of reforming education in Ukraine and reaching the level of developed countries in Europe and the world by improving its conceptual, structural, organizational principles, provides an opportunity for the further formation of a multivariate new investment policy in the educational field, and a new generation of competent specialists, which meet the modern demands of the labor market.

Conclusions. Features of the modern period of higher pharmaceutical education are the exchange of best experience in the organization of the educational process in the European Association of Universities (organizational and didactic system of training masters of pharmacy), innovations in the pharmaceutical industry, their introduction to the system of professional training of masters of pharmacy in university education.

Systematic updating of the content of the professional training of future masters of pharmacy in classical, pharmaceutical and medical universities primarily determines social changes, and requires the introduction of new training courses into educational programs, and constant and systematic updating of the content of all educational disciplines of professional training.

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НАУКОВЕ ВИДАННЯ

ΛΟΓΟΣ

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З МАТЕРІАЛАМИ IV МІЖНАРОДНОЇ
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ

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