



www.logos-science.com

COLLECTION OF SCIENTIFIC PAPERS WITH PROCEEDINGS OF THE

VI INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE

**«Education and science of today: intersectoral
issues and development of sciences»**



Cambridge
United Kingdom



March 29
2024



**Cambridge Data Science LTD &
NGO European Scientific Platform**



ISBN (online) 978-1-8380557-3-8
ISBN (print) 978-617-8312-02-2

DOI 10.36074/logos-29.03.2024



Cambridge Data Science LTD | European Scientific Platform



COLLECTION OF SCIENTIFIC PAPERS

WITH PROCEEDINGS OF THE
VI INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE

**«EDUCATION AND SCIENCE OF
TODAY: INTERSECTORAL ISSUES
AND DEVELOPMENT OF SCIENCES»**



Cambridge,
United Kingdom



March 29,
2024



United Kingdom
«P.C. Publishing House»

Ukraine
«UKRLOGOS Group»

2024

UDC 082:001
E 25



Chairman of the Organizing Committee: Goldenblat M.¹
Deputy Chairman of the Organizing Committee: Gambelton B.²

The organization on behalf of which the book is published:

¹ NGO European Scientific Platform, Ukraine
² Cambridge Data Science LTD, United Kingdom

Responsible for the layout: Bilous T. Responsible designer: Bondarenko I.

Recommended for publication by the Academic Council of the Institute of Scientific and Technical Integration and Cooperation. Protocol № 29 from March 28th, 2024.

E 25 **Education and science of today: intersectoral issues and development of sciences:** Collection of scientific papers «ΛΟΓΟΣ» with Proceedings of the VI International Scientific and Practical Conference, Cambridge, March 29, 2024. Cambridge-Vinnytsia: P.C. Publishing House & UKRLOGOS Group LLC, 2024.

ISBN 978-617-8312-02-2

«UKRLOGOS Group» LLC, Ukraine

ISBN 978-1-8380557-3-8 (PDF)

«P.C. Publishing House», United Kingdom

DOI 10.36074/logos-29.03.2024

Papers of participants of the VI International Scientific and Practical Conference «Education and science of today: intersectoral issues and development of sciences», held in Cambridge, March 29, 2024, are presented in the collection of scientific papers.



The conference is certified by Euro Science Certification Group
(**Certificate № 22513 dated January 7, 2024**);

The conference is also included in the catalog of International Scientific Conferences by ResearchBib; and registered by State Scientific Institution «Ukrainian institute of scientific and technical expertise and information» in the database «Scientific and technical events of Ukraine» (**Certificate № 72 dated 5 January 2024**).



Bibliographic descriptions of the conference proceedings are indexed by Google Scholar, CrossRef, OpenAIRE, OUCI, Scilit, Semantic Scholar, Mendeley, WorldCat and ORCID.

UDC 082:001

ISBN 978-617-8312-02-2
ISBN 978-1-8380557-3-8 (PDF)

© Participants of the conference, 2024
© UKRLOGOS Group LLC, 2024
© Cambridge Data Science LTD, 2024
© European Scientific Platform, 2024
© P.C. Publishing House, 2024

CONTENT

СТОМАТОЛОГІЧНИЙ СТАТУС ТА РІВЕНЬ ВІТАМІНУ D В СИРОВАТЦІ КРОВІ
ПОРОДІЛЬ ТА ДІТЕЙ РАНЬОГО ВІКУ
Сухомейло Д.О., Рейзвіх О.Е.525

**SECTION XXXI.
PHYSICAL CULTURE, SPORTS AND PHYSICAL THERAPY**

ABSTRACTS

MANAGEMENT OF THE INNOVATIVE COMPONENT OF THE
PHARMACEUTICAL DEVELOPMENT OF DRUGS AT THE LABORATORY STAGE
IN THE PROFESSIONAL TRAINING OF MASTERS OF PHARMACY
Voskoboinikova H. L., Dovzhuk V.V., Konovalova L.V., Dovzhuk N. Sh.529

**SECTION XXXII.
HISTORY, ARCHEOLOGY AND CULTUROLOGY**

ARTICLES

АЛГОРИТМ РОБОТИ В МЕЖАХ «СОЦІАЛЬНОГО ЗЦІЛЕННЯ
СПІЛЬНОТОЮ»: ДОСВІД ПРОЕКТУ «CONTACT2U»
Фанагей Р.Д.532

ДЕПОРТАЦІЯ І ПОВЕРНЕННЯ НА ІСТОРИЧНУ БАТЬКІВЩИНУ
КРИМСЬКОТАТАРСЬКОГО НАРОДУ (1944–1990 РОКИ)
Рибак Н.Б.539

ФОРМУВАННЯ РОСІЙСЬКОЮ ПРОПАГАНДОЮ “ОБРАЗУ ВОРОГА” З
УКРАЇНИ ТА УКРАЇНЦІВ (КІНЕЦЬ 2013 – ПОЧАТОК 2014 РОКІВ)
Топальський В.Л.545

ABSTRACTS

АУДІОВІЗУАЛЬНЕ КОНСТРУЮВАННЯ ГЕРОЯ В СУЧАСНИХ МЕДІА
Голобородько О.О.554

ФОРМУВАННЯ ОБРАЗУ ПЕРЕМОГИ УКРАЇНИ ПІД ЧАС ВІДСІЧІ
ШИРОКОМАСШТАБНІЙ АГРЕСІЇ РОСІЙСЬКОЇ ФЕДЕРАЦІЇ
Скрябін О.Л.557

ХАЛЛЮ ЯК ТРАНСНАЦІОНАЛЬНИЙ КУЛЬТУРНИЙ ФЕНОМЕН: РЕЦЕПЦІЯ
К-РОР В УКРАЇНІ
Вербецький Є.М.560

March 29, 2024;
Cambridge, United Kingdom



SECTION 31.

PHYSICAL CULTURE, SPORTS AND PHYSICAL THERAPY

DOI 10.36074/logos-29.03.2024.114

MANAGEMENT OF THE INNOVATIVE COMPONENT OF THE PHARMACEUTICAL DEVELOPMENT OF DRUGS AT THE LABORATORY STAGE IN THE PROFESSIONAL TRAINING OF MASTERS OF PHARMACY

Voskoboinikova H. L.¹, Dovzhuk V. V.², Konovalova L. V.³, Dovzhuk N. Sh.⁴

1. Doctor of Pedagogical Sciences, Professor, PhD in Pharm.

Department R&D JSC "Farmak", Kyiv, Ukraine,

Kyiv International University, UKRAINE

Department of psychology and pedagogy

ORCID ID: 0009-0004-9659-7506

2. Candidate of Pharmaceutical Sciences, Ass. Prof.

Department of Organization and Economic of Pharmacy

ORCID ID: 0000-0002-3491-018X

3. Candidate of Pedagogical Sciences, Ass. Prof.

Department of Organization and Economic of Pharmacy

ORCID ID: 0000-0002-8956-1263

4. Candidate of Pedagogical Sciences, assistant

Department of Physiology

Bogomolets National Medical University, UKRAINE

ORCID ID: 0000-0002-0468-9322

Ensuring the improvement of the quality of training of modern masters of pharmacy in the system of university education, the transition to a qualitatively new level of professional training of students in the specialty 226 – "Pharmacy, industrial pharmacy", the educational – qualification level "Master" is carried out under the condition of modernization of its content, inclusion of students in active and voluntary process of formation of professional competence, creative development, which will allow to transform them from an object of training to a subject of activity.

Modernization changes in the organizational structure of the training of masters of pharmacy in university education determine the justification and design of methodological foundations with a combination of innovative approaches and the latest achievements of the world level of industrial pharmacy development.

In the 21st century the pharmaceutical industry of European countries includes pharmaceutical science, education, industrial pharmacy, wholesale and retail segments of the domestic and foreign pharmaceutical market, in which Ukrainian drugs are positioned, as well as the import and supply of modern effective drugs from foreign pharmaceutical manufacturers. Therefore, the modernization of the content of the professional training of masters of pharmacy in the conditions of European integration covers 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, process pharmacoeconomic approaches [1; 2; 3; 4].

The modernization of the system of higher pharmaceutical education of Ukraine is conditioned by the European integration processes of the development of the pharmaceutical industry and is based on the introduction of a competency-based approach. The introduction of advanced educational technologies presupposes the use of an integrated combination of methodological background and advanced educational experience in the organization of the process of forming the professional competence of future masters of pharmacy in Ukraine in the conditions of European integration of educational processes [3].

At the current stage of development, industrial pharmacy in Ukraine has sufficient resources for the implementation of applied scientific research, implementation and transfer of technologies in accordance with the world level of development of science and technology, which provides the opportunity to create new effective pharmaceutical preparations and dosage forms, effective search for new biologically active substances, therefore modernization of production, accelerated scientific and technical progress and innovative development of the industry. At the same time, research centers and pharmaceutical development laboratories of the industrial sector ensure the quality, efficiency and safety of the use of pharmaceuticals.

An analysis of the level of development of the pharmaceutical industry in Ukraine at the beginning of the 21st century was carried out. provides an opportunity to determine promising directions that meet the modern demands of Ukrainian society regarding quality medical provision of the population: the development and implementation of new practical, scientific justifications for the selection of excipients, the introduction of new medicinal forms into industrial production, biopharmaceutical, preclinical and clinical research at the level of the achievements of world science development and technology, human health and safety.

Biotechnologies are no less promising direction of innovative development of the pharmaceutical industry, as they provide an opportunity to create drugs that are most effective and acceptable for the body, in turn, a new stage of synergistic



SECTION 31.

PHYSICAL CULTURE, SPORTS AND PHYSICAL THERAPY

development of applied and fundamental scientific research – innovative developments determine the appropriate level of chemical analysis (highly sensitive detection of amino acids, standardization of recombinant proteins), provide a perspective for mankind regarding the creation of new effective biological preparations, immuno-biological preparations, blood substitutes, etc. [3; 5].

Based on the results of the analysis for the period 2021-2023 of the introduction of innovative changes in the pharmaceutical development of drugs in the R&D of leading pharmaceutical manufacturers, we have developed management algorithms for the development of new pharmaceuticals and their pharmaceutical forms.

For the practical training of students studying at the master's degree in specialty 226 – "Pharmacy, industrial pharmacy" and pharmaceutical faculties of the O.O. Bogomolets National Medical University. The thematic seminar "Management of innovative pharmaceutical development of medicinal products at the laboratory stage" was introduced. In the process of implementation, elements of model management were applied and algorithms of the laboratory stage of pharmaceutical development of new pharmaceuticals were developed, practical training of students was organized for the formation of professional competence, readiness to implement the competence of a researcher in the pharmaceutical industry and personal motivation for professional development. In the variable part of the master's training in specialty 226 – "Pharmacy, industrial pharmacy" an integrated educational module has been introduced into the teaching of the educational discipline of the selective cycle "Pharmaceutical development of medicinal products".

REFERENCES:

- [1] Atkinson J. The Country Profiles of the PHARMINE Survey of European Higher Educational Institutions Delivering Pharmacy Education and Training. *Pharmacy*. 2017; 3: 34.
- [2] Voskoboynikova H. L. Good Practical Practice: A Training and Methodology Edition for Masters in the Pharmaceutical Industry. *Pedagogy of high school*. Series "Master's workshop". K.: 2017. 150 p.
- [3] Dovzhuk V. V. Professional training of masters of pharmacy in universities of Central and Eastern European countries: theory and practice. Monograph. Kyiv: Nestroevy Publishing House, 2021. 442 p.
- [4] Broekhuizen H., Groothuis Oudshoorn C., J.A. van Til et al. A review and classification of approaches for dealing with uncertainty in multi-criteria decision analysis for healthcare decisions. *Pharmacoeconomic* 2015; 33:445–455.
- [5] Goy A., Voskoboynicova G., Gapon N., Kuznets D. Feasibility studies of the desing of pharmaceytical development and industrial indroduction of parenteral preparation on the basis of recombinant proteins. *Science Journal "Research rezuit"*. 2016; 2 (3): 23–27.