

Документ подписан простой электронной подписью  
Информация о владельце:  
ФИО: Ястребов Олег Александрович  
Должность: Ректор  
Дата подписания: 09.06.2023 15:52:45  
Уникальный программный ключ:  
ca953a0120d891083f939673078ef1a989dae18a

**Федеральное государственное автономное образовательное учреждение  
высшего образования «Российский университет дружбы народов»**

**Медицинский институт**

(наименование основного учебного подразделения (ОУП) – разработчика программы)

Утверждена на заседании УС  
Медицинского института,  
протокол № 4  
от «15» декабря 2022 г.

**ПРОГРАММА ПОДГОТОВКИ НАУЧНЫХ И НАУЧНО-ПЕДАГОГИЧЕСКИХ  
КАДРОВ В АСПИРАНТУРЕ**

Научная специальность:

**3.4.2. Фармацевтическая химия, фармакогнозия**

*(код и наименование научной специальности)*

Направленность (профиль):

**Pharmaceutical Chemistry: Drug Analysis and Quality Control**

*(наименование программы подготовки научных и научно-педагогических кадров)*

Программа подготовки научных и научно-педагогических кадров в аспирантуре  
разработана в соответствии с требованиями:

**СУТ РУДН**, утвержденных приказом ректора № 139 от «09» марта 2022 г.

Срок освоения программы подготовки научных и научно-педагогических кадров в  
аспирантуре:

**3 года**

*(очная форма обучения)*

Сведения об особенностях реализации программы: нет

СОГЛАСОВАНО:

Руководитель программы

**Сыроежкин А.В.**

*(подпись)*

Начальник УОП

**Воробьева А.А.**

*(подпись)*

Руководитель ОУП

**Абрамов А.Ю.**

*(подпись)*

Начальник УПКВК

**Сафир Р.Е.**

*(подпись)*

2023 г.

## **1. PURPOSE OF THE POSTGRADUATE PROGRAM**

The purpose of postgraduate studies is to guide the postgraduate student to the development of an academic career, maximum adaptation in the scientific environment.

The goal is to train highly qualified scientific and scientific-pedagogical personnel.

The goal is the final original scientific research that contributes to the creation, expansion and development of scientific knowledge.

The goal is to prepare and defend a dissertation for the degree of candidate of medical sciences.

## **2. BRIEF SUMMARY OF THE PROGRAM**

The main educational program for the training of scientific and scientific-pedagogical personnel (postgraduate program) in a scientific specialty 3.4.2. «Pharmaceutical chemistry, pharmacognosy» failure developed in accordance with the requirements of order of the Rector No № 225 от 14.04.2022 г.

The term for obtaining education under the postgraduate program in a scientific specialty 3.4.2. «Pharmaceutical chemistry, pharmacognosy» is 3 years.

Full-time form of education.

The total volume of the postgraduate program in the scientific specialty 3.4.2. «Pharmaceutical chemistry, pharmacognosy» is 180 s.u.

Postgraduate program in a scientific specialty 3.4.2. «Pharmaceutical chemistry, pharmacognosy» includes scientific and educational components and final certification.

## **3. THE NEED OF THE LABOR MARKET FOR GRADUATES WHO HAVE COMPLETED THE POSTGRADUATE PROGRAM**

When developing and implementing postgraduate programs, an educational organization is guided by a specific type (types) of professional activity for which (which) a graduate student is preparing, based on the needs of the labor market and the material and technical resources of the educational organization.

Graduates of the postgraduate program in a scientific specialty 3.4.2. «Pharmaceutical chemistry, pharmacognosy» can carry out their activities in Research institutes, Forensic chemical laboratories, Clinical testing laboratories, pharmaceutical enterprises for the production of medicines, Pharmacy organizations, Biotechnological enterprises, healthcare, Teaching activities.

## **4. REQUIREMENTS FOR APPLICANTS APPLYING TO THE PROGRAM**

Applicant entering the training program for the training of scientific and scientific-pedagogical personnel in a scientific specialty 3.4.2. «Pharmaceutical chemistry, pharmacognosy» must have a higher education (specialist) in the specialty 3.4. "Pharmaceutical sciences".

The procedure for admission to graduate school and the conditions for competitive selection are determined by the current order of the Ministry of Science and Higher Education of the Russian Federation "On approval of the procedure for admission to study in educational programs of higher education - programs for the training of scientific and scientific-pedagogical personnel in graduate school", Rules for admission to RUDN for training in the main educational programs for the training of highly qualified personnel - postgraduate programs.

The entrance examination for postgraduate studies is carried out in writing. The results of the written response are evaluated on a 100-point system. The applicant also has the right to provide information about their individual achievements. Competitive points are made up of the sum of points for the entrance test and individual achievements.

## **5. STRUCTURE AND SCOPE OF THE PROGRAM FOR TRAINING SCIENTIFIC AND SCIENTIFIC-PEDAGOGICAL PERSONNEL IN POSTGRADUATE STUDIES**

The structure and volume of the postgraduate program - the period of development is 3 years in full-time.

<b>No.</b>	<b>Structure of the Postgraduate Program</b>	<b>The scope of the PhD program in z.e.</b>
1. Scientific component		150
1.1.	Scientific activity aimed at preparing a dissertation for defense	126
1.2.	Preparation of publications and (or) applications for patents for inventions, utility models, industrial designs, selection achievements, certificates of state registration of programs for electronic computers, databases, topologies of integrated circuits provided for in paragraph four of clause 5 of federal state requirements	18
1.3.	Intermediate certification by stages of scientific research	6
2. Educational component		30
2.1.	Disciplines (modules)	13
2.2.	Practices, including teaching practice	5
2.3.	Intermediate certification in disciplines (modules) and practice, including -pedagogical	6
3. Final certification		6

## 6. CHARACTERISTICS OF THE PROFESSIONAL ACTIVITY OF A GRADUATE

6.1. *The field of professional activity of graduates* who have mastered the postgraduate program includes the training of a specialist who has fundamental theoretical knowledge and practical skills in diagnosing, treating and preventing various diseases of the cardiovascular system, who has reached the professional level necessary for conducting scientific work, who is able to successfully and timely complete dissertation research on competition for the degree of candidate of medical sciences.

6.2. *The objects of professional activity of graduates* who have mastered the postgraduate program are individuals; population; legal entities; biological objects; a set of means and technologies aimed at creating conditions for protecting the health of citizens.

6.3. *Types of professional activity* for which graduates who have mastered the postgraduate program are preparing:

- research activities: in the field of protecting the health of citizens, focusing on maintaining health, improving the quality and length of human life by conducting applied research in medicine.
- teaching activity: on educational programs of higher education. Methods of teaching disciplines within the framework of the training profile.

6.4. *Tasks of professional activity:*

- formation of highly specialized medical knowledge in the scientific specialty 3.1.18. Internal diseases: Heart failure;
- training of a research doctor with clinical thinking, well-versed in complex pathology, with in-depth knowledge of related disciplines.
- formation of skills in mastering the latest technologies and methods in the field of their professional interests.
- formation of competencies of a doctor-researcher in accordance with the types of professional activity.

## 7. LOCATION OF THE STUDY PROGRAM

7.1. The postgraduate program is implemented by the Russian University of Peoples' Friendship.

7.2. Information about the planned bases for conducting practices and (or) performing scientific research

## Practice and research

## Practice base

*(name of organization, location)*

- Pedagogical practice;
- Scientific research

Laboratories of the Department of Pharmaceutical and Toxicological Chemistry. Moscow, Miklukho-Maklaya str., 8/2, lab 450; Miklukho-Maklaya str., 10/2 lab. 228

Laboratory of physico-chemical analysis of the Department of Pharmaceutical and Toxicological Chemistry. Moscow, Miklukho-Maklaya str., 8/2, lab 447

## 8. FEATURES OF THE IMPLEMENTATION OF THE POSTGRADUATE PROGRAM

8.1. The postgraduate program is implemented with elements of e-learning / distance learning technologies (lecture-type classes).

8.2. The language of implementation of the PhD program is English.

8.3. The program is not adapted for teaching the disabled and people with disabilities. E-learning, distance learning technologies used in the training of people with disabilities and people with disabilities, provide for the possibility of receiving and transmitting information in forms accessible to them.