



SECOND INTERNATIONAL CONFERENCE «INTEGRATION NETWORK OF THE PHARMACEUTICAL ECOLOGY - 2024»

DEVELOPMENT AND IMPLEMENTATION OF A PROGRAM FOR ADVANCED TRAINING WITHIN THE FRAMEWORK OF ECOPHARMACEUTICS

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Purpose: development and implementation of additional educational program “Collection and disposal of medical and pharmaceutical waste”.

Objectives: to explain the current issues and increase interest among the students of Sechenov University to the problem of proper collection and disposal of medical and pharmaceutical waste in the process of professional activity in order to prevent the turnover of toxic materials, the spread of infectious diseases.

Materials and Methods

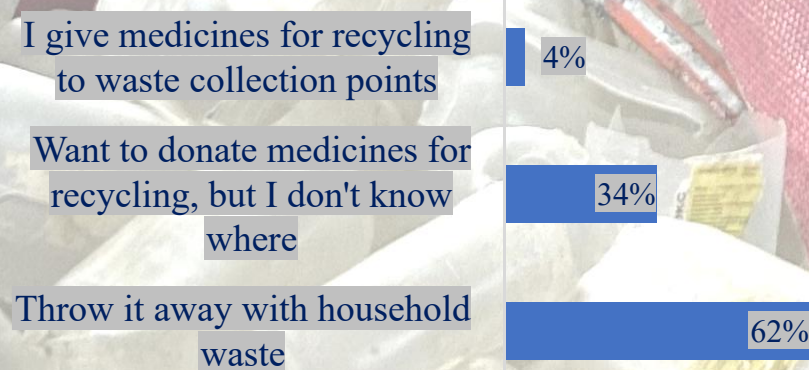
The program was developed by the 2nd year students of the specialty “Pharmacy” and the **staff of three departments** and SERC “PHARMA–PREMIUM”

A. P. Nelyubin Institute of Pharmacy of Sechenov University in February–May 2024.

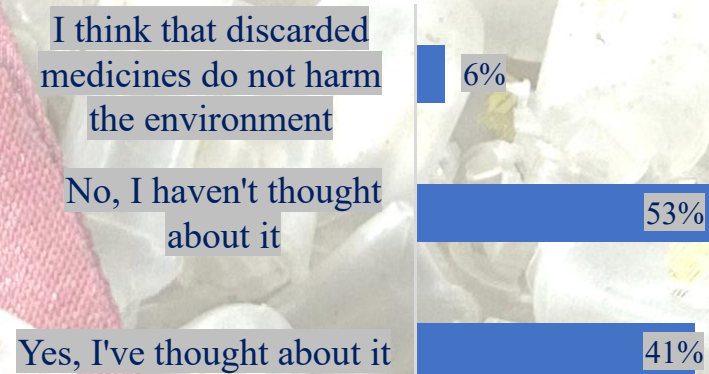
- Total labor intensity of the program: **36 hours**.
- The program contains **3 main modules** (“Ecology”, “Medical Waste” and “Pharmaceutical Waste”).
- **19 lectures and 3 videos from the rubbish recycling plant** students and teachers of Sechenov University were recorded.
- The average time of the program lectures is **20 minutes**.
- The knowledge assessment system includes **20 test questions** from the common bank **for each topic**.

A survey of Sechenov University students, which we conducted in 2023

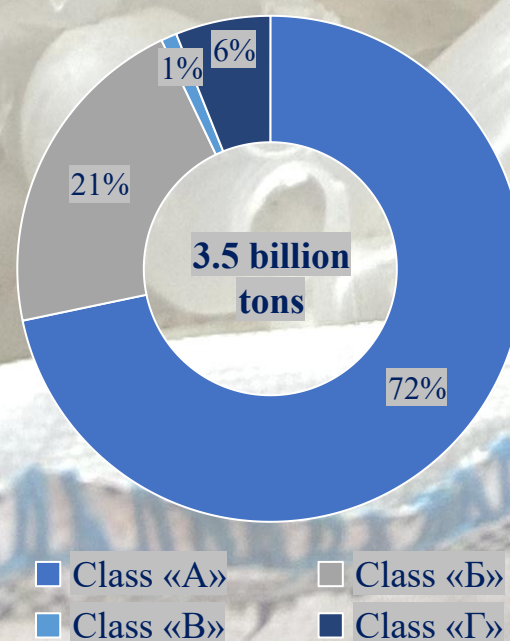
1. «What are you doing with unnecessary or expired medicines?»



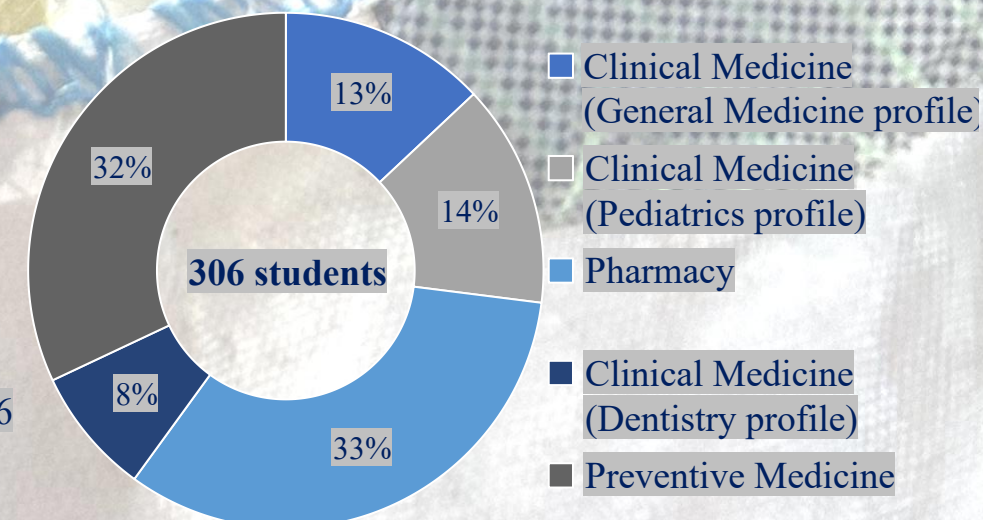
2. «Have you ever thought about the dangers of discarded medicines?»



Statistics of medical waste generation in the Russian Federation for 2023



Results



Results. The working program is approved and implemented in the educational process according to the results of the educational and methodical council from 17.05.2024, protocol №4.

The program was implemented in Sechenov University in the period from 27.05.2024 to 07.06.2024.

306 people were trained under the program, **271** students successfully **passed the final test**.

Conclusions: the creation of the program was actively supported by students, student organizations and staff of Sechenov University.

The program will be restarted from 29.10.2024 to 11.11.2024.