

BIOSAFETY & BIOSECURITY

UKRAINIAN BIOSAFETY AND BIODEFENSE TRAINING CENTER ORGANIZATION

Description

Training of the staff working at the microbiological laboratories is important for the improvement of biosafety & biosecurity system in Ukraine. The main goal is development and implementation of effective training programs, methodical approaches for biosafety during laboratory work with especially dangerous agents, which combine the former Soviet anti-plague system experience with modern international practices.

Innovative Aspect and Main Advantages

For the first time in Ukraine for the training of specialists, working with especially dangerous infections, we will unite the international modern bioprotective equipment use experience with the principles of anti-plague system trainings:

- theoretical basis of necessary obligatory actions;
- detailed standard schemes of used manipulations;
- trainees' training on personal working place;
- work out of hand-to hand manipulations with constant control of instructors.

Enough term of training to study hand-to-hand manipulations to absolute automatism in actions.

Such approach will provide:

- professional reliability of the staff;
- automatism of hand-to-hand manipulations during work with especially dangerous infections' agents;
- skill of biological; risk evaluation in real situations;
- development of standard operational protocols for work with modern biodefense equipment.

Implementation of modern training center would contribute to:

- decreasing the level of biological risks in microbiological laboratories;
- prevention of infections' carrying-out from laboratories;
- increasing staff efficiency during emergency situations.

Areas of Application

Staff training according to modern biosafety and biosecurity requirements.



Fig.1.UAPRI was one of the USSR training centers for anti-plague system since 1968.



Fig.2 Training hall design and hand-to hand manual practice training in classical methods

Stage of Development

Nowdays for Training Center creation it is conducted:

- collation and analyses of documents and modern international literature data on biosafety and biodefense;
- questioners' development;
- training hall design

Contact Details

Organizations: Ukrainian Mechnikov Anti-Plague Research Institute, Odessa, Ukraine.

Biological Non-Proliferation Global Partnership Program, Canada.

Contact person: Dr. Pozdnyakov Sergiy, Director

Address: 2/4 Tserkovna St., Odessa, 65003, Ukraine

Tel./Fax: +380 48 7238172

E-mail: spozdnyakov74@gmail.com