



# Building Biosafety/Biosecurity Capacity - Essential Part of Supporting the BWC's Response to Advances in S&T

**L. Bakanidze, Professor, Ph.D., RBP, President**

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Biological and Toxin Weapons Convention**

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# The Soviet Anti – Plague System

- The Former Soviet Union operated a large and unique network of facilities, called the "anti-plague system," whose main mission was to control deadly endemic diseases and to prevent the importation of exotic pathogens from other countries.
- Throughout the Soviet era, the Anti-Plague (AP) system appears to have worked effectively, preventing major epidemics from claiming the lives of Soviet citizens in regions where diseases such as anthrax, brucellosis, bubonic plague, Crimean-Congo Hemorrhagic Fever, and tularemia were endemic.
- In the 1960s, however, the AP system was directed to undertake tasks under the Soviet biological warfare (BW) program.



# All specialists at Soviet Anti – Plague System were prepared at specialized institutions

- Kazakh Anti – Plague Institute
- Stavropol Anti – Plague Institute
- Irkutst Anti – Plague Institute. etc.



# Not Only Researchers who deal with EDPs Face Dual – Use Dilemma...


- There is only one institution preparing specialists in life sciences that had introduced the course of biosafety/biosecurity – Agricultural University of Georgia
- In most of educational institutions, when they speak about “biosafety” and “biosecurity” they mainly consider GMOs



# Survey on Awareness

We had carried out survey on awareness on biosafety, biosecurity and misuse in biotechnology

- Students/staff of life sciences faculties in different institutions
- Staff of research institutions
- Public health facilities

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- None of educational institutions had the course on biosafety/biosecurity in their curricula, there were some topics on bioethics in some disciplines included
  - No courses or even lectures on bioterrorism prevention, dual – use of life sciences
  - Tbilisi State University had used Bradford National Series in their Epidemiology and Public Health course

# Regional Secretariat for Central Asia

## Partner countries:

**Afghanistan**



**Kyrgyzstan**



**Tajikistan**



**Uzbekistan**



**Pakistan**



**Mongolia**





**EU CBRN CoE Project 56 –  
On-site Technical Assistance to the CBRN  
CoE Secretariats in Algiers and Tashkent**



# Uzbekistan

EU CBRN CoE Project

56 –

## **On-site Technical Assistance to the CBRN CoE Secretariats in Algiers and Tashkent**

- In Uzbekistan the situation is similar to Georgia



Vozrozhdeniya Island

# Trainings

September 18, 2018 - Training in Biorisk Management and CBRN Risks at the Center for Advanced Technologies (CAT)



# Trainings

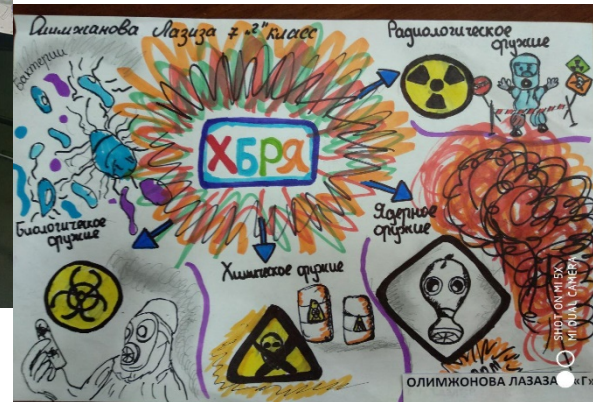
September 19, 2018 - Biorisk Management and biosafety/biosecurity during the works with GMOs and genetic engineering at the Institute of Genetics and Plant Experimental Biology



# Awareness Raising among Children on CBRN Issues



# Awareness Raising among Children on CBRN Issues



# BACAC – Bridging the Gaps

EU CBRN CoE/Biosafety Association for  
Central Asia and the Caucasus (BACAC)  
Conference – March 13 – 14, 2019,  
Tashkent, Uzbekistan

