



# U.S. Strategic Planning documents and relevant U.S. bodies for global control of biological situation

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## U.S. National Defense Strategy



U.S. Department of Defense

2022

### National Defense Strategy

of  
The United States of America

Including the 2022 Nuclear Posture Review and the 2022 Missile Defense Review



## National Biosafety Strategy

### NATIONAL BIODEFENSE STRATEGY AND IMPLEMENTATION PLAN

FOR COUNTERING BIOLOGICAL THREATS, ENHANCING  
PANDEMIC PREPAREDNESS, AND ACHIEVING GLOBAL  
HEALTH SECURITY

OCTOBER 2022

## U.S. Department of Defense's Strategy for Countering Weapons of Mass Destruction

## Department of Defense Biomanufacturing Strategy (March 2023)

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U.S. Department of Defense  
Biomanufacturing Strategy



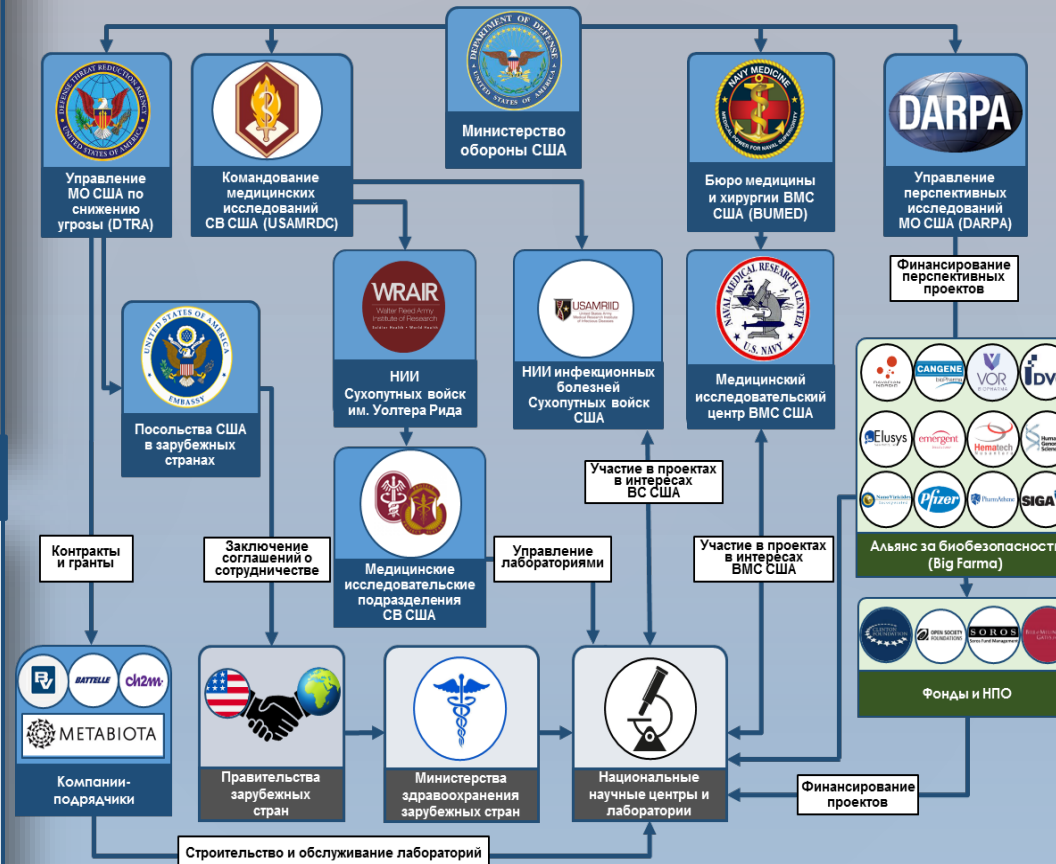
Office of the Under Secretary of Defense for Research and Engineering

21 March 2023

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## U.S. Biological Control Organisation



## Office of Pandemic Preparedness and Response Policy- OPPRP



Paul Friedrichs

Special Assistant to the President  
and Senior Director of Global  
Health Security and Biosecurity in  
the National Security Council

### Main objectives

Coordination of the Executive Office  
of the President of the United States  
(EOP) internal response to public  
health threats that have pandemic  
potential

Direction and coordination of federal  
science and technology efforts  
related to pandemic preparedness

Development of reports and periodic  
reporting to Congress

## Bureau of Global Health Security and Diplomacy - GHSD



John N. Nkengasong

Ambassador-at-Large, U.S.  
Global AIDS

Coordinator

Since 1 August 2023 – Director  
of the Global Health Security and  
Diplomacy Bureau

### Main objectives

Strengthening the Global Health  
Security Architecture, including the  
Potential Modernisation of the WHO

Harnessing the U.S. capabilities  
overseas for Strengthening Public  
Health Systems

Improving Health Security as a U.S.  
Foreign Policy Priority



# Deliberate weakening of Ukraine's surveillance and health systems, centralisation of scientific institutions to facilitate U.S. control

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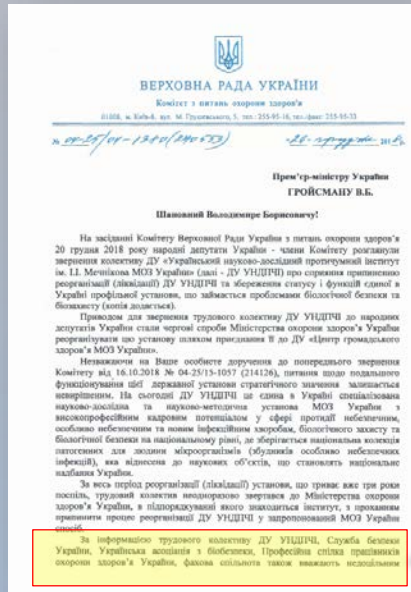
## The opinion of the relevant agencies that reform of Ukraine's health-care system is not desirable



Ulyana Suproon  
2016-2019 Acting Minister  
of Health of Ukraine



Irina Demchishina  
Head of the virological  
reference laboratory of the  
Public Health Centre of the  
Ministry of Health of Ukraine



"...the Ukrainian Security Service, the Ukrainian Biosafety Association, and the health-care professional union consider reorganization measures to be inappropriate..."

## Functions monopolised by the Center for Public Health in the Pentagon

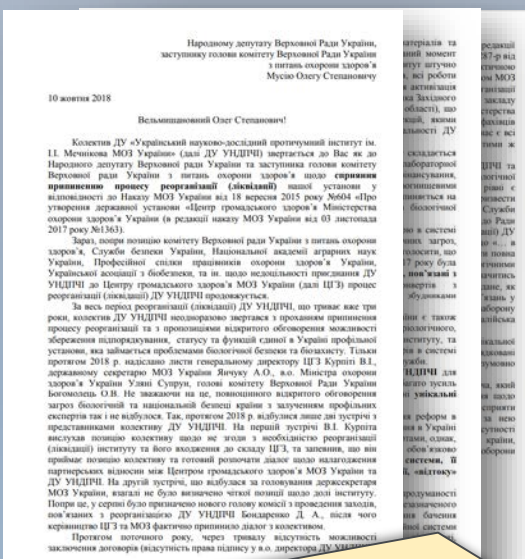
### Disease surveillance and monitoring, research and development

### Dealing with Patents and Licensing

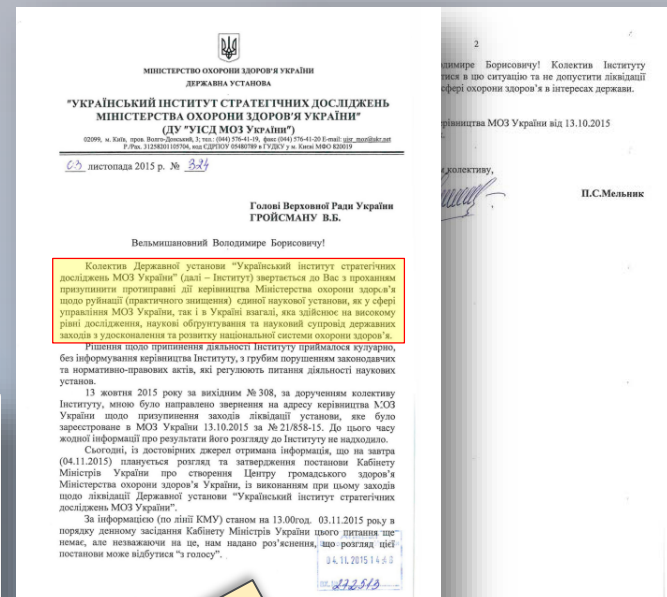
### Disease surveillance and monitoring, research and development

ПЕРЕЛІК зверненнях закладів, установ та підприємств Міністерства охорони здоров'я України, які реорганізуються	
Код ЄДРПОУ	Найменування державної підприємства на установа
65408003	Державний науковий центр "Український науково-дослідний протипепсовий інститут ім. І.І. Мечникова МОЗ України"
29800106	Державна установа "Український науковий центр з питань охорони здоров'я"
65408070	Державна установа "Український науковий центр з питань охорони здоров'я"
65408015	Державна установа "Український науковий центр з питань охорони здоров'я"
62012821	Державна установа "Український науковий центр з питань охорони здоров'я"
23734638	"Український науковий центр з питань охорони здоров'я"
32010570	Державна підприємство "Український науковий центр з питань охорони здоров'я"
30071007	Державна підприємство "Український науковий центр з питань охорони здоров'я"
61048233	Державна підприємство "Український науковий центр з питань охорони здоров'я"

## Mechnikov Institute's address to the Verkhovna Rada, dated October 10, 2018.



"...in Ukraine there are uncoordinated activities that may result in the total or partial loss of an effective biological risk-control system... As a result, this could have a negative impact on Ukraine's compliance with its obligations under international non-proliferation regimes - the Biological and Toxin Weapons Convention, and the multilateral export control regime of the Australia Group..."



The Ukrainian Institute of Strategic Studies of the Ministry of Health of Ukraine (hereinafter the Institute) calls on you to suspend illegal actions by the Ministry of Health leadership concerning the destruction (practical destruction) of the only scientific institution, both under the Ministry of Health of Ukraine and in Ukraine in general, which carries out high-level research, scientific justifications, and scientific support for the improvement and development of the national health-care system.



# Ukraine's interest in further research and development using components of weapons of mass destruction

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## Implementation of projects under the Biological Threat Reduction Program

**UP-2**  
Mapping of pathogens

**UP-4**  
Studying the spreading highly dangerous pathogens through migratory birds

**UP-8**  
Studying the prevalence of Congo-Crimean haemorrhagic fever virus and hantaviruses

**UP-10**  
Studying the spread of Africa's swine fever virus in Ukraine in the wild and through trade routes

**TAP-2**  
Serological monitoring of the glanders in Ukraine and evaluation of its diagnostic methods

**TAP-3**  
Risk analysis of the spread of Africa's swine fever virus and swine influenza virus among wild swines in Ukraine

## Appeal of the General Directorate of Investigation of the Ukrainian Security Service to the National Academy of Sciences

НАЦІОНАЛЬНА АКАДЕМІЯ НАУК УКРАЇНИ  
Високий замок, 54, Київ-54, 01601, М.Київ  
Телефон: (044) 234-22-43  
Факс: (044) 234-22-43  
Електронна пошта: nauka@nas.gov.ua, nauka@nas.gov.ua, nauka@nas.gov.ua  
Для поширення: Київ, Національний центр наукової інформації

Наказ № 10/15708 від 18.08.2023

Служба безпеки України,  
Головне управління

Національна академія наук України розглянула ваш лист щодо можливості здійснення установою НАН України дослідження зразків хімічних, радіологічних, біологічних, ядерної зброї та слідів їх використання і надає інформацію з порушення у цьому питанні, відносно наявності біологічних зразків НАН України.

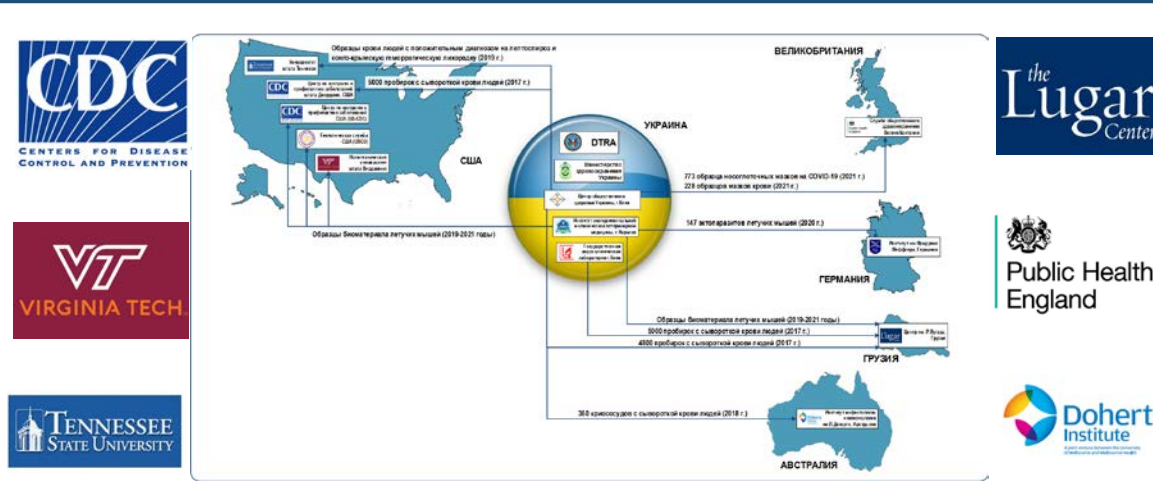
Деталі: зазначено на листі від 17 вер. в Тиропі.

"The National Academy of Sciences Ukraine has examined your letter on the possibility of research by the institutions of the National Assembly of Ukraine on samples of chemical, radiological, biological, nuclear weapons and their traces of use, as well as information on the issues raised by specialists of the institutions of the National Academy of Sciences of Ukraine."

"... until now, the collections of particularly dangerous pathogens such as plague and cholera are stored..."

"In 2005, an agreement was signed between the Ministry of Health of Ukraine and the United States Department of Defense concerning cooperation in preventing the spread of technologies, pathogens, and knowledge that can be used in the development of biological weapons" (the 2005 agreement). U.S. Senators Lugar and Obama attended the signing of the Kiev agreement on 29 August 2005..."

## Transfer of strains of micro-organisms and biomaterials to other countries



## Supply of used nuclear fuel to Ukraine and hazardous wastes and their disposal

**"ГРЯЗНАЯ БОМБА"**  
это взрывчатка, совмещенная с ядерным материалом, например, отходами от работы АЭС. Для ее изготовления подойдет любой классический боеприпас.

Основная цель использования "грязной бомбы" – распространение Radioactive заражения. Подрыв приведет к радиоактивному заражению местности на площади до нескольких тысяч квадратных метров. Населению может грозить онкология и лучевая болезнь.

Концентрации основных радионуклидов в отходах

Удельная активность, Бк/кг	U	<sup>226</sup> Ra	<sup>230</sup> Th	<sup>210</sup> Po	<sup>210</sup> Pb
средняя	1594	3169	3898	8143	8149
максимальная	4995	13949	12765	21349	17057

**Andrei Ermak**  
The head of the Ukrainian President's office personally oversees the supply of used nuclear fuel and hazardous chemical waste to Ukraine.



## People involved in the U.S. military-biological dossier



**Daniel Gerstin**

**Senior political columnist in RAND, former employee of the U.S. Department of Homeland Security, the former Director of the Countering Weapons of Mass Destruction Office of the U.S. Secretary of Defense**

Supervised the restructuring of Ukrainian biological facilities to Western standards. Since 2013, he has been actively interacting with Ukrainian state agencies to promote U.S. military-biological activities.

In various statements, he justifies the U.S. military-biological activity in Ukraine is justified.



**Sergei Komisarenko**

**President of the Ukrainian Biosafety Association, head of Ukraine's National Biosafety Commission, academic secretary of Ukraine's National Academy of Sciences**

Responsible for restructuring Ukrainian biological facilities to Western standards. He was responsible for interacting with the Pentagon on behalf of Ukraine's National Academy of Sciences. Attempts to justify U.S. military-biological activity. Rejects the existence of BSL-3-level facilities in Ukraine.



**Olga Golubovskaya**

**Ukraine's Main Infectionist, Doctor of Medical Sciences**

She received a monetary reward from the U.S. Gilead pharmaceutical company for positively evaluating the effectiveness of drugs against HIV/AIDS and hepatitis C during trials on the Ukrainian population. She personally oversaw closed research on socially vulnerable Ukrainian citizens.



**Igor Pereginets**

**Former Deputy Minister of Health of Ukraine**

After the 2014 coup d'état, on instructions from supervisors in the United States, he transformed Ukraine's disease surveillance and health-care system. He lobbied for the creation of the Public Health Center, which has monopolised functions of various government bodies. He promoted activities of the Pentagon-controlled structures engaged in illegal research on Ukrainian territory.



**Igor Pereginets**

**Igor Kuzin is the chief sanitary doctor of Ukraine.**

At the time of the creation of the Public Health Center, he participated in activities aimed at the deliberate destruction of the system of biological risk control and biosafety in the country.

He was involved in preparing biological provocations to accuse the Russian Federation.

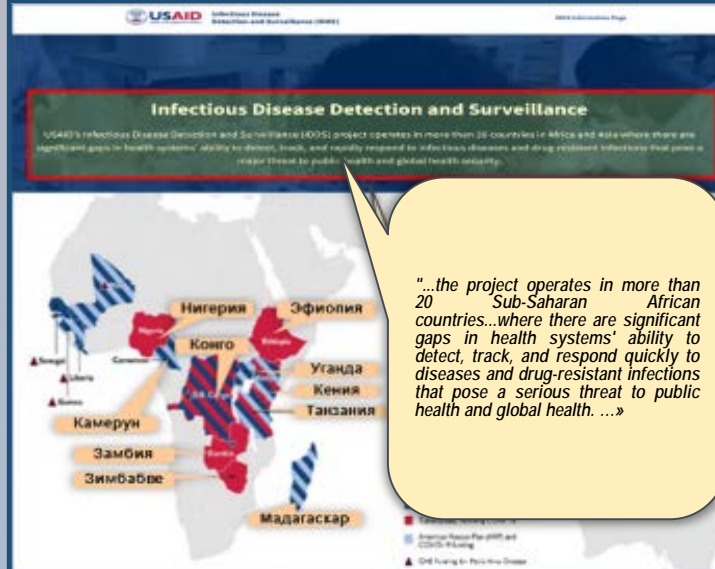




# Relocation of American military-biological programmes to Africa

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## Project on Infectious Disease Detection and Surveillance



## Participants in the U.S. Department of Defense's military-biological projects on the African continent



**Chevin Thomas Jacob**  
Subcontractor of the U.S. Department of Defense from May 2012 to September 2014, currently employed at Liverpool School of Tropical Medicine



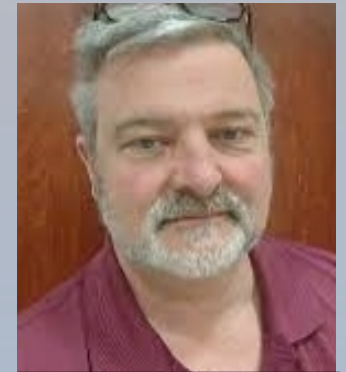
**Willy Sang**  
Chief Researcher, U.S. Army Medical Research Directorate – Africa USAMRU-K



**Tracy Van Heerden**  
Former Regional Director of the Quicksilver Group International company for Africa and the Middle East



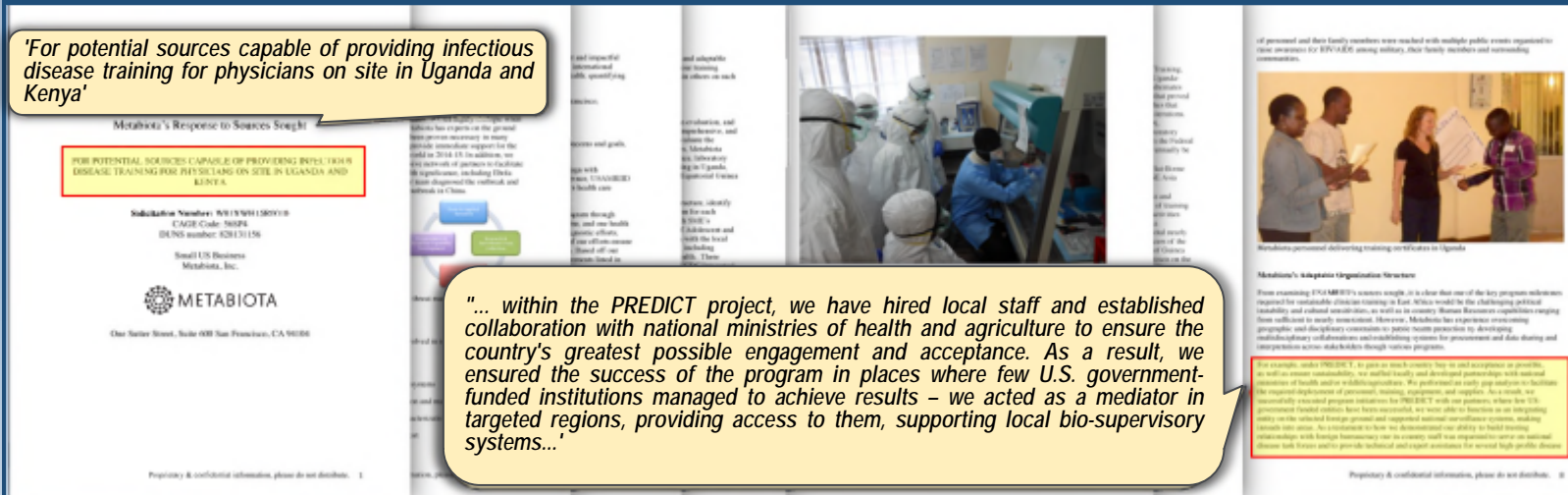
**Linus Ndegwa**  
Staff member, Centers for Disease Control and Prevention, Nairobi, Kenya, Board member of International Federation of Infectious Control



**Robert G. Downing**  
Staff member, Uganda Virus Research Institute

## The Metabiota's proposal of searching for contractors addressed to the U.S. Army Medical Research Institute of Infectious Diseases

'For potential sources capable of providing infectious disease training for physicians on site in Uganda and Kenya'



## Activities of the Pentagon's contractor Quicksilver Group International in Africa







# Activities of the U.S. Department of Defense and other U.S. state bodies in the African continent

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## "In Africa's continent, the explosive growth of America's biolaboratories"

Bulawayo 24 NEWS NEWS SPORTS BUSINESS LIFESTYLE OPINION ENTERTAINMENT TECH VIDEO

### The African continent is overgrowing with a network of American biological laboratories



At the end of October 2023, specialists from the United States Army Medical Research Institute of Infectious Diseases (USAMRIID) arrived in Kenya. Information about their activities was probably classified. In any case, however, it is clear that their primary goal is to establish biological laboratories in the region.

## Meeting of American officials from the U.S. Department of Defense, the U.S. State Department, and the U.S. Department of Health with the heads of the Africa Centres for Disease Control and Prevention



**U.S. Mission to the African Union**  
30 januari kl. 13:19 · 🌐

Acting Principal Deputy Coordinator for Global Health Security and Diplomacy Hillary Carter joined [Africa CDC](#) Director General Jean Kaseya and U.S. Mission to the African Union Charge d'affaires Mikael Cleverley for an extraordinary summit with a half dozen U.S. health agencies to advance our U.S.-Africa CDC Joint Action Plan.

Leaders from [Africa CDC](#), [CDC](#), [U.S. President's Emergency Plan for AIDS Relief \(PEPFAR\)](#), [USAID - US Agency for International Development](#), [Peace Corps](#), [U.S. Department of Defense \(DoD\)](#), [U.S. Department of State](#), and [U.S. Department of Health and Human Services](#) discussed our extensive collaboration across all areas of health.

They agreed on next steps to enhance partnerships and deliver

Leaders from the African Center for Disease Control, the Centers for Disease Control, the U.S. President's AIDS Initiative (PEPFAR), USAID - U.S. Agency for International Development, the Peace Corps, the U.S. Department of Defense, the U.S. Department of State, and the U.S. Department of Health and Human Services discussed our extensive collaboration in all areas of health.

## Hantavirus study with sampling from bats in Kenya

### USAID EPT-2 PREDICT PROJECT COVID-19 EXTENSION SUMMARY

March - September 2020

Prepared by:  
The PREDICT Consortium

PREDICT leaders worked tirelessly to promote health security and support national prevention, detection, and response efforts for the pandemic.

Table 1: COVID-19 technical support to PREDICT host country governments (March-September 2020)

Support Provided	Africa	Asia
SNIS/CoV-2 testing supplies	Cameroon, DRC, Côte d'Ivoire, Kenya, Rwanda, Tanzania, Uganda	Cameroon, Lao PDR, Myanmar, Nepal, Thailand
Salary support for SARS-CoV-2 testing	Cameroon, Ghana, Côte d'Ivoire, Rwanda, Tanzania	Cameroon, Lao PDR, Nepal, Thailand
Providing government with technical assistance	Guinea, Côte d'Ivoire, Liberia, Rwanda, Sierra Leone, Uganda, Tanzania	Lao PDR, Nepal
Training - Laboratory staff	Tanzania, Cameroon, Kenya	Nepal
Training - Healthcare workers	Senegal	Nepal
Training - Community members	Guinea, Senegal	-



Figure 1: COVID-19 technical support and SARS-CoV-2 testing by country in (A) Africa and (B) Asia (March-September 2020)

Technical Assistance: Technical Assistance: PREDICT Testing  
Technical Assistance: PREDICT Testing  
Technical Assistance: PREDICT Testing  
Technical Assistance: PREDICT Testing

## Construction of biolaboratory began under DTRA-supported Cooperative Threat Reduction Program



**U.S. Mission to the African Union**  
4 d · 🌐

Chargé d'Affaires Mikael Cleverley joined [HE.Moussa Faki Mahamat, Ministry of Agriculture - Ethiopia](#), & [Defense Threat Reduction Agency \(DTRA\)](#) Cooperative Threat Reduction Director Dr. Robert Pope, among others at the groundbreaking ceremony of [Au-Panvac](#) on Feb. 21.

The continent-wide veterinary reference laboratory in Bishoftu, Ethiopia serves as the only [Food and Agriculture Organization of the United Nations \(FAO\)](#) and [World Organization for Animal Health \(WOAH\)](#) approved Rinderpest holding facility in Africa.

We are proud to partner with the [African Union](#) to improve public and

Charge d'Affaires M. Cleverley joined Ethiopian Minister of Agriculture M.F. Mahamat and U.S. Defense Threat Reduction Agency (DTRA) Cooperative Threat Reduction Program (CTRP) Director Dr. R. Pope and others, at the AU-PANVAC lab groundbreaking ceremony on February 21.

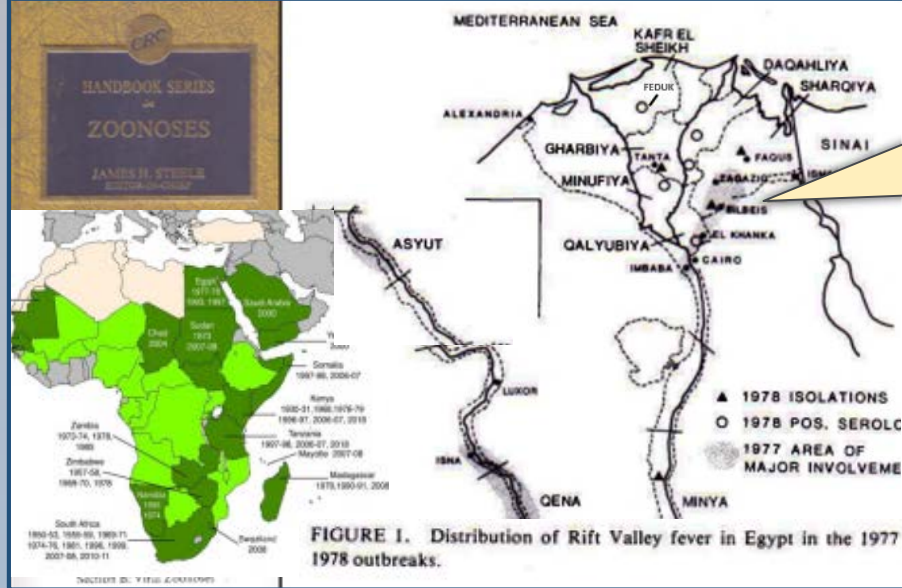




# Deteriorating epidemics in the U.S. and African states associated with activities of biolaboratories

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## Egypt's Rift Valley fever epidemic in 1977-1978



A drop-shaped focus of Rift Valley fever. Starting from the city of Cairo and extending north-eastwards. The shape of the epidemiological block is extremely reminiscent of the classic shape of an aerosol cloud trace.

The Rift Valley fever epidemic in Egypt began in 1977 north of Cairo, where initially 18,000 people became ill almost overnight and an epidemic outbreak occurred.

## Official statements of the World Health Organization



"...the outbreak of yellow fever in Africa in 2013 triggered 170,000 cases of severe disease, of which 60,000 were fatal..."



In 2022, while the world maintained an ongoing pandemic response, another extraordinary public health event unfolded: the multi-country outbreak of mpox. The rapid spread of mpox in countries around the world that had previously been free of the disease, especially among men who have sex with men, prompted us to declare a public health emergency of international concern (PHEIC) in July 2022.

WHO Member States and communities deployed a timely and robust response, led and coordinated by WHO, which curbed the spread of new cases. There is however more work to do to stop the global outbreak of mpox. The changing epidemiology of mpox in central Africa is also very concerning, with evidence of previously unaffected areas reporting a rapid rise in cases in children as well as new outbreaks in forest sexual networks. The WHO Strategic Preparedness and Response Plan for mpox and Temporary Recommendations were issued to support the response. Since August 2022, the Standing Recommendations for mpox issued by all WHO Member States under the International Health Regulations (2005) (IHR) continue to provide essential guidance to meet emerging and new challenges. WHO remains committed to providing longer term support for the response.



"...the changing epidemiology of monkeys fever in Central Africa is a matter of serious concern: in endemic and previously unaffected areas, a rapid rise in the number of cases has been reported..."

## Disease cases reported in the U.S. and world media, but not reported to the World Organisation for Animal Health



Anthrax information in North Dakota



Information about Aujeszky's disease among pigs in Colorado



Detection of plague-infected rodents in California



Information about a case of human infection with the H5N1 virus in Colorado



Information about a California resident being infected with plague



Information on mortality of agricultural animals in North Dakota



World Organisation for Animal Health  
Founded as OIE

"Member-states should provide through the World Organisation for Animal Health the information needed to prevent the spread of dangerous diseases of animals and their pathogenic agents."



## Report of the American RAND Corporation: "Attributing Biological Weapons Use"



Research Report

TRACEY RISSMAN, ANNETTE PRIETO

## Attributing Biological Weapons Use

Strengthening Department of Defense Capabilities to Investigate Deliberate Biological Incidents

issues related to attributing biological weapons use in which the U.S. Department of Defense is supporting U.S. efforts in strengthening the United Nations' Mechanism for Investigation of Alleged Use of Chemical and Biological Weapons (UNSGM). We reviewed U.S. government and scientific and other open-source research questions:

1. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

2. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

3. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

Department of Defense (DoD) efforts to strengthen the Mechanism for Investigation of Alleged Use of Chemical and Biological Weapons (UNSGM) to determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

4. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

5. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

6. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?

7. How can the U.S. determine the origin of a biological weapons use, what evidence might be available to support attribution, and how can the U.S. determine the origin of a biological weapons use?



"...the US can provide its own investigative file to the UN Secretary General, even if it does not participate directly..."

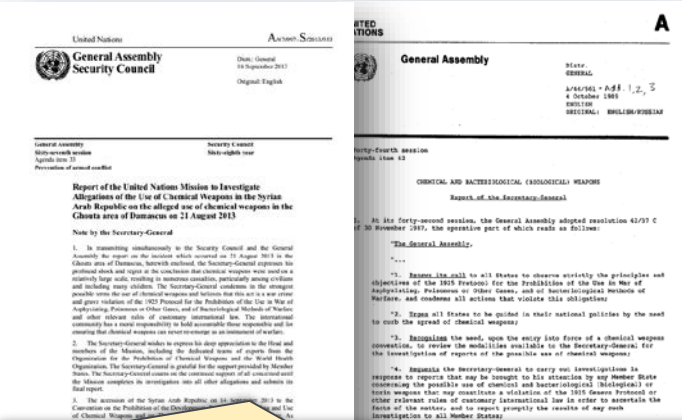
## RAND Corporation Project on Operational Risks of AI in Large-scale Biological Attacks

The Large Language Model (LLM) is capable of modelling pandemic scenarios caused by disease (e.g. plague) or biological weapons

LLM can identify potential virus agents, plan a disease-control budget, assess practical aspects of sample production and distribution

The system suggested the type of storage of substances, as well as ways to camouflage and hide dangerous substances from public attention.

## Secretary-General's Mechanism for Investigation of Alleged Use of Chemical and Biological Weapons



"...the report of the UN mission to investigate allegations of the use of chemical weapons in the Syrian Arab Republic..."

## RAND's Recommendations to the U.S. Department of Defense

### Attributing Biological Weapons Use

Using effective policies related to these technology areas is also important for supporting legitimate development of these technologies while safeguarding against misuse.

### Recommendations for DoD

Using the research presented in the previous sections, we submit the following areas in which DoD would enhance its capabilities to support U.S. efforts to investigate alleged BW use and, thus, strengthen the UNSGM. Further research and analysis could help prioritize which areas would be most beneficial for DoD to concentrate its efforts and could help identify specific actions DoD could take to make progress in these areas.

### Enhance and Build Flexibility and Redundancy, as Appropriate, into DoD's Processes and Capabilities to Investigate and Attribute of Biological Incidents

- Enhance DoD's capabilities globally, as appropriate, to collect information, including intelligence before and after biological incidents, and samples related to biological incidents.
- Continue to work with allies to build their capabilities to collect information and samples related to biological incidents, especially those that occur in locations where DoD has fewer allies or less access.
- Continue to build DoD's capabilities to analyze samples related to biological incidents and work with allies to build their capabilities.
- Expand and update processes to conduct sampling-related activities, including collecting samples, handling and transporting samples, communicating and collaborating with other U.S. government departments and agencies, protecting patient information, communicating and collaborating with allies, analyzing samples, and reporting and sharing results of sample analysis.
- Improve and exercise procedures to maintain and document chain of custody for samples collected from biological incidents.

### Strengthening DoD Capabilities to Investigate Deliberate Biological Incidents

- Exercise and update processes to collect intelligence information, including interviewing victims, witnesses, and medical personnel.
- Follow-up efforts to train U.S. personnel and partners on methodologies to collect and analyze evidence during investigations of alleged BW use and on processes to share and report results.

### Continue to Invest in Biotechnology, Including Microbial Forensic Technology

- Develop, improve, and refine methods to analyze a broader range of biological agents than those contained in the Federal Select Agent Program or in the Australian Group List of Human and Animal Pathogens and Toxins for Export Control.
- Develop, improve, and refine capabilities to model biological incidents.
- Consider investing in field-deployable technology or ways of quickly responding to biological incidents.
- Continue efforts to provide training and help develop technical capabilities of UNSGM-designated laboratories.

### Maintain Transparency About DoD Efforts to Work with International Partners on Biosecurity and Biodefense Efforts

- Continue concerning false narratives that DoD is supporting offensive BW-related work.
- Continue and strengthen messaging campaigns, as appropriate, prior to cooperating with international partners on biosecurity and biodefense efforts. Carefully consider how cooperative biosecurity and biodefense efforts could appear to the general public and consider prioritizing and decreasing the effectiveness of adversarial-related disinformation campaigns.

© 2023 RAND, and OODA, "Federal Select Agent Program," The Australian Group, "List of Human and Animal Pathogens and Toxins for Export Control."

Develop and refine methods to analyse a wider range of biological agents than those contained in the Federal Special Pathogens Program

Develop and improve modelling capabilities for biological incidents

Continue efforts to provide training and assistance in developing the technical capabilities of laboratories designated by the UN Secretary-General