



Deterioration of the epizootic situation with highly pathogenic avian influenza

Act of handover of bio-samples collected during mass mortality of poultry in Askania Nova Nature Reserve in 2021

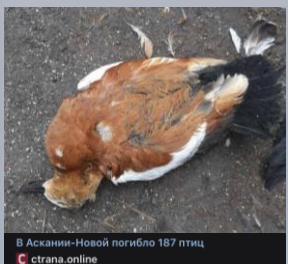
Акт № 2 від 29.03.2021
про передачу зразків біоматеріалу з Біосферного заповідника «Асканія-Нова» Інституту зоології ім. І.І. Шмальгаузена НАН України

Згідно Договору № 1-2021 про наукове співробітництво між Біосферним заповідником «Асканія-Нова» Інституту зоології ім. І.І. Шмальгаузена НАН України та Інститутом зоології ім. І.І. Шмальгаузена НАН України для проведення паразитологічних досліджень з Біосферного заповідника «Асканія-Нова» Інституту зоології ім. І.І. Шмальгаузена НАН України.

Журнали сражі *Grus grus* L., 1811 – 46 екз.;
Tadorna ferruginea Puff., 1794 – 23 екз.;
Grus grus frugilegus L., 1758 – 32 екз.;
Corvus monedula L., 1758 – 22 екз.;
Anas platyrhynchos L., 1758 – 2 екз.;
Замисли *Buteo lagopus* Pons., 1761 – 1 екз.;
Гуси *Anser albifrons* (Scopoli, 1769) – 1 екз.;
Мартин *Larus cachinnans* (Puffin, 1811) – 2 екз.

Від Біосферного заповідника «Асканія-Нова» НААН
Сторонній науковий співробітник
лабораторії збереження різноманітності диких тварин
Від Інституту зоології ім. І.І. Шмальгаузена НАН України
Науковий співробітник відділу паразитології,
кафедри біології тварин

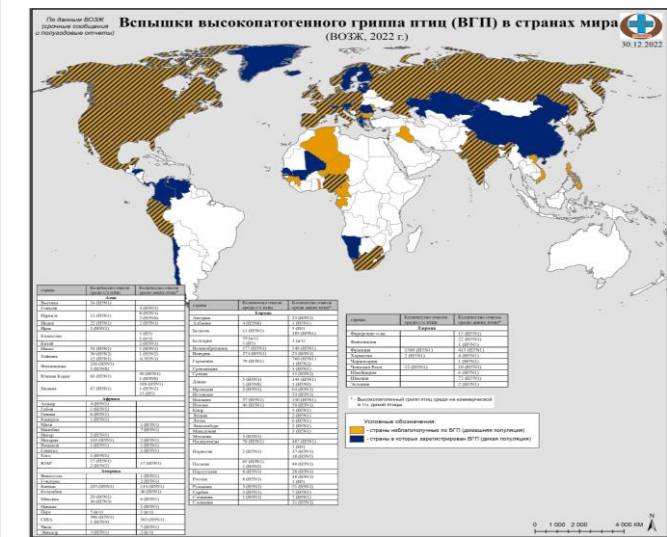
29.03.2021



В Асканії-Новій померли 187 птахів
C trana.online

**'Grus communis, 46 pcs.;
Tadorna ferruginea, 23;
Corvus frugilegus, 32;
Corvus monedula, 22;
Anas platyrhynchos, 2;
Buteo lagopus, 1;
Anser albifrons, 1;
Larus cachinnans, 2'**

Outbreaks of highly pathogenic avian influenza in Russia and worldwide (2022)



In Europe in 2020–2022, the damage amounted to €3,000,000.0

In the Russian Federation in 2020–2022, the damage exceeded RUB 4,500,000,000.0, more than 10,000,000 poultry eliminated



Human cases of highly pathogenic avian influenza (2009–2023)

Country	2003-2009*		2010-2014*		2015-2019*		2020		2021		2022		2023		Total	
	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths
Azerbaijan	8	5	0	0	0	0	0	0	0	0	0	0	0	0	8	5
Bangladesh	1	0	6	1	1	0	0	0	0	0	0	0	0	0	8	1
Cambodia	9	7	47	30	0	0	0	0	0	0	0	0	2	1	58	38
Canada	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
China	38	25	9	5	6	1	0	0	0	0	1	1	1	1	55	32
Djibouti	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ecuador	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Egypt	90	27	120	50	149	43	0	0	0	0	0	0	0	0	359	120
India	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indonesia	162	134	35	31	3	3	0	0	0	0	0	0	0	0	200	168
Iraq	3	2	0	0	0	0	0	0	0	0	0	0	0	0	3	2
Lao People's Democratic Republic	2	2	0	0	0	0	1	0	0	0	0	0	0	0	3	2
Myanmar	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Nepal	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Nigeria	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Pakistan	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3	1
Spain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thailand	25	17	0	0	0	0	0	0	0	0	2	0	0	0	25	17
Turkey	12	4	0	0	0	0	0	0	0	0	0	0	0	0	12	4
United Kingdom of Great Britain and Northern Ireland	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
United States of America	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Viet Nam	112	57	15	7	0	0	0	0	0	0	0	0	0	0	128	64
Total	468	282	233	125	160	48	1	0	2	1	6	1	3	1	873	458

* 2003-2009, 2010-2014 and 2015-2019 total figures. Breakdowns by year available on subsequent tables.
Total number of cases includes number of deaths.
WHO reports only laboratory-confirmed cases.
All dates refer to onset of illness.
Source: WHO/GIP, data in HQ as of 3 March 2023



Чрезвычайные ситуации

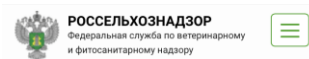
Новости о вспышках болезней

Последние новости ВОЗ о вспышках болезней, содержащие информацию о подтвержденных чрезвычайных событиях в области общественного здравоохранения или предполагаемых событиях, вызывающих обеспокоенность.

Заражение человека вирусом гриппа птиц A(H5N1) – Чили

21 апреля 2023 г.

Current epizootic situation with highly pathogenic avian influenza in Russia



Сводные картографические данные хронологии неблагополучия в РФ по особо опасным и экономически значимым болезням животных

– **Высокопатогенный грипп птиц** – по данным ВОЗЖ на 18 мая, в 2023-м году зарегистрировано 32 вспышки ВГП в РФ, в т.ч. 5 – среди домашней, 27 – среди дикой и декоративной птицы. На отчетную дату нездоровленными остаются 29 очагов. Кроме этого, в ВОЗЖ не подана вспышка ВГП в Херсонской области, заболевание выявлено в Биосферном заповеднике Аскания Нова среди страусов.

**МЭР МОСКВЫ
РАСПОРЯЖЕНИЕ**

17 мая 2023 г., № 283-PM
Об установлении ограничительных мероприятий (карантина) на территории города Москвы

В связи с выявлением 16 мая 2023 г. случая заболевания диких птиц высокопатогенным гриппом птиц на территории района Восточное городка Москвы, границах Западного административного округа (с 14 мая 1999 г. № 4978-1-О) административно:

1. Определить:
1.1. **Эпидемиологическим очагом** – территорию земельного участка, ограниченного Бесединским шоссе и земельными участками с кадастровым номерами – 77:05:001:2007:2, 77:05:001:2007:2493, 77:05:001:2007:2073, 77:05:001:2065:57.
1.2. **Угрожаемый район** – территорию садоводческих районов города Москвы: Ботанико-Квартал, Марьино, Заповняло, Песочники, Москворечье-Сабурово, Царицыно, Восточное, Орехово-Борисово Северное, Орехово-Борисово Южное, Захаровское.
1.3. **Зоны неблагополучия** – территорию города Москвы, прилегающую к угрожаемой зоне.
2. Установить ограничительные мероприятия (карантин) в пределах эпизоотического очага, угрожаемой зоны и зоны наблюдения, указанные в пункте 1 настоящего распоряжения, на срок до выявления мероприятий, направленных на исключение распространения и ликвидации очага высокопатогенного гриппа птиц, предупреждения. Ветеринарные мероприятия осуществляются в соответствии с действующими, действующими, ограниченными и иных мероприятий, установление и отмена карантинных и иных ограничений, направленных на предупреждение распространения и ликвидации очага высокопатогенного гриппа птиц, утверждаемые приказом Министерства сельского хозяйства Российской Федерации от 24 марта 2021 г. № 158 «Об утверждении Ветеринарных правил...



U.S. Biosecurity Strategies

National Biodefense Strategy (October 2022)

OBJECTIVES

Objectives for strengthening the biodefense enterprise approach to countering biological threats and enhancing and detection to inform biodefense enterprise.

NATIONAL BIODEFENSE STRATEGY AND IMPLEMENTATION PLAN

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

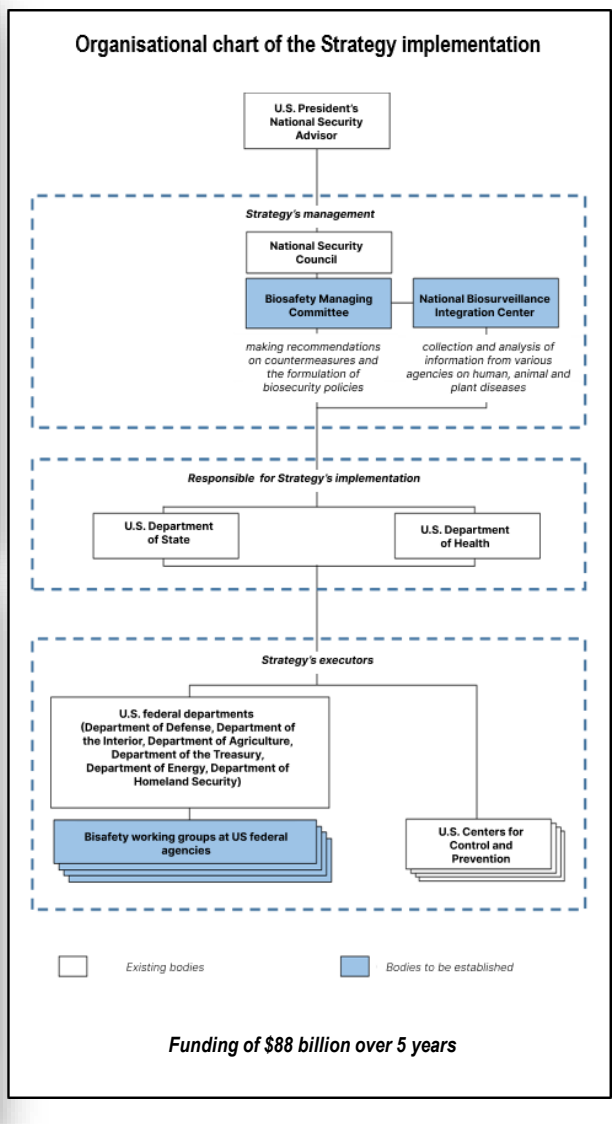
OCTOBER 2022

DEFENSE STRATEGY

GOAL 3: Ensure biodefense enterprise preparedness to reduce the impacts of bioincidents.

GOALS:

1. Enable risk awareness and detection to inform decision-making across the biodefense enterprise.
2. Ensure biodefense enterprise capabilities to prevent bioincidents.
3. Ensure biodefense enterprise preparedness to reduce the impacts of bioincidents.
4. Rapidly respond to limit the impacts of bioincidents.
5. Facilitate recovery to restore the community, the economy, and the environment after a bioincident.



U.S. Department of Defense Biomanufacturing Strategy (March 2023)

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
 CHAIRMAN OF THE JOINT CHIEFS OF STAFF
 UNDER SECRETARIES OF DEFENSE
 DIRECTOR OF COST ASSESSMENT AND PROGRAM EVALUATION
 INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE
 DIRECTOR OF OPERATIONAL TEST AND EVALUATION
 CHIEF INFORMATION OFFICER OF THE DEPARTMENT OF DEFENSE
 ASSISTANT SECRETARY OF DEFENSE FOR LEGISLATIVE AFFAIRS
 ASSISTANT SECRETARY OF DEFENSE FOR SPECIAL OPERATIONS AND LOW INTENSITY CONFLICT
 ASSISTANT TO THE SECRETARY OF DEFENSE FOR PRIVACY, CIVIL LIBERTIES, AND TRANSPARENCY
 ASSISTANT TO THE SECRETARY OF DEFENSE FOR PUBLIC AFFAIRS
 CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER
 DIRECTOR OF ADMINISTRATION AND MANAGEMENT
 DIRECTOR OF RISK ASSESSMENT

21 March 2023

HELD SHU

U.S. Department of Defense Biomanufacturing Strategy

APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED

21 March 2023

OFFICE OF THE UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING

APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED

APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED

... The Department will make substantial investments in support of the strategy, including \$1 billion over five years to catalyze the establishment of a domestic biomanufacturing industrial base, \$270 million over five years for the Tri-Service Biotechnology for a Resilient Supply Chain program, and \$200 million to support biosecurity- and cybersecurity-related efforts...

The DoD Biomanufacturing Strategy supports a self-sustaining domestic biomanufacturing ecosystem <...>. Three Principles guide this strategy:

- 1) The Department will establish transition partners for early-stage innovations (e.g., at Technology Readiness Levels 1-5);
- 2) The Department will develop the field of biomanufacturing through innovations in practice and application; and
- 3) The Department will map the domestic biomanufacturing ecosystem and the changes that occur over time for identification and tracking of metrics to support future implementation and refinement of the DoD Biomanufacturing Strategy.



Expert Community Assessment of Biorisk Associated with U.S. Biological-Military Activities

Global distribution of BSL4 and BSL3+ labs King's College London Report (Global Biolabs, 2023)



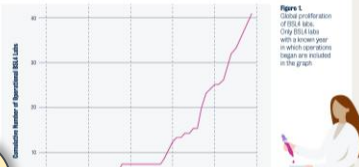
Global BioLabs Report 2023



Chapter 1: New and Updated Trends in Global BSL4 Lab Data

Key Message: BSL4 labs are rapidly increasing in number. In 2021, we recorded 59 BSL4 labs in operation, under construction, or planned in 23 countries. By the beginning of 2023, that number had increased to 69 BSL4 labs in operation, 51 under construction, and 15 planned, all spread over 27 countries.

Japan and Singapore have also increased their BSL4 labs in addition to the 16 already listed. For all of these countries, this will be their first BSL4 lab. The largest concentration of BSL4 labs remains in Europe, with 24 countries. In the beginning of 2023, that number had increased to 26. The United Kingdom and six other countries in Europe have BSL4 labs. 11 of those are planned in China, India, Kazakhstan, Taiwan, and Philippines/Saudi Arabia.



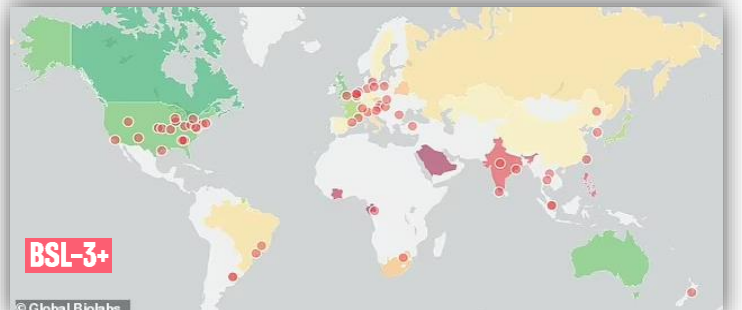
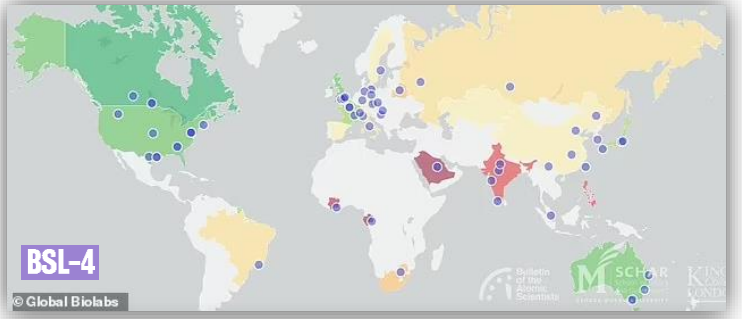
12 New BSL4 labs planned since the start of the pandemic.

...Key message: BSL4 labs are rapidly increasing in number. In 2021, we identified 59 BSL4 labs that were in operation, under construction, or planned in 23 countries. By the beginning of 2023, that number had increased by ten to 69 labs. There are 51 BSL4 labs in operation, three under construction, and 15 planned, all spread over 27 countries...

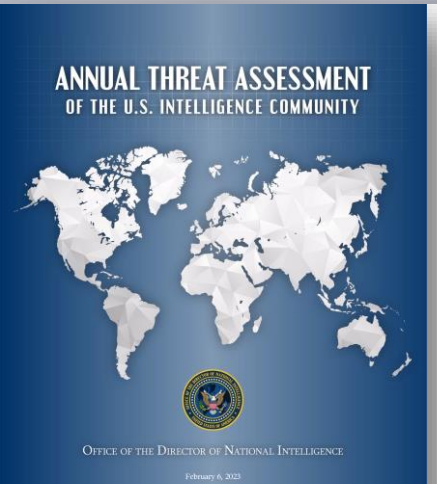
Country	Biosafety Implementation	Biosafety Assistance	International Equipment	Biosafety Test Score
France	Training Personal Protective Equipment Occupational Health Inventory Transportation Safety Decontamination Incident Response Plan Incident Reporting	National or Regional Biosafety Association	Participation on global scale	5
Germany	National Biosafety Legislation National Biosafety Oversight Entity National List Waste/Residue Disposal Physical Security Information and Cyber Security Personnel Security Biosafety Risk Assessments Inventory			5
Italy	Expert Controls DNA Sequencing Training Transportation Security Incident Response Plan Incident Reporting			5
Japan	National Legislation National Oversight Research Oversight Awareness Raising Waste/Residue Disposal Self-governance Measures			5

Table 1: Global distribution of BSL4 and BSL3+ labs

Region	BSL-4			BSL-3+			Total
	Per Region	Operational	Planned/Under Construction	Per Region	Operational	Planned/Under Construction	
Europe	26	24	2	21	21	0	47
Asia	20	9	11	10	10	0	30
Africa	3	2	1	2	2	0	5
North America	15	12	3	19	18	1	34
Oceania	4	4	0	1	1	0	5
South America	1	0	1	4	3	1	5
Total	69	51	18	57	55	2	126



Annual Threat Assessment of the U.S. Intelligence Community (6 February 2023)



HEALTH SECURITY

INFECTIOUS DISEASES AND THE IMPACT OF THE COVID-19 PANDEMIC
Now entering its fourth year, the COVID-19 pandemic remains one of the most significant threats to global public health. At a cost of more than \$5 trillion from lost and billions of dollars in lost economic output to date. Despite the gradual decline of the most severe health effects of COVID-19 because of the greater availability of vaccines globally, increased natural immunity, and better treatments, significant challenges remain as countries now are responding to new variants, waning vaccine protection, gaps in vaccine coverage, challenges in management of public health safety measures, and growing misinformation campaigns aimed at sowing doubt and discrediting public health institutions worldwide. In addition to direct effects of the pandemic, our health systems, public health, and national security institutions face challenges to COVID-19 and other health recovery efforts, preventing both known and unforeseen challenges that probably will ripple through society and the global economy during the next year and for years to come.

'...Countries globally remain vulnerable to the emergence or introduction of a novel pathogen that could cause a devastating new pandemic...'

A lack of global field biosafety standards and protective measures continues to raise concerns of viral spillover worldwide. Increased interest in field sampling and advanced biological research since the onset of the COVID-19 pandemic, poor training, and use of international airports and transportation...

regulatory requirements have all been implicated in contributing to the risk of contamination and/or breaches in biocontainment.

Our Assessment of the Origins of COVID-19
The IC continues to investigate how SARS-CoV-2, the virus that causes COVID-19, first infected humans, maintaining a Community of Interest across agencies. All agencies assess that two hypotheses are plausible explanations for the origin of COVID-19: natural exposure to an infected animal and a laboratory-associated incident.

BIOLOGICAL WEAPONS
Global shortcomings in preparations for the COVID-19 pandemic and concerns with biosecurity, fabricated public claims about U.S. biological weapons development fueled by U.S. adversaries, as well as unmitigated questions surrounding the origin of the COVID-19 virus, may inspire some adversaries to consider options related to the development of biological weapons.

Rapid advances in dual-use technology, including bioinformatics, synthetic biology, nanotechnology, and genetic editing, could enable development of novel biological weapons that complicate detection, attribution, and treatment.

ANOMALOUS HEALTH INCIDENTS

'...Rapid advances in dual-use technology, including bioinformatics, synthetic biology, nanotechnology, and genetic editing, could enable development of novel biological weapons that complicate detection, attribution, and treatment...'

While climate change and the COVID-19 pandemic highlight the challenges that a wide range of transnational issues pose to U.S. national security, we will not address several other priority issues. Some have a direct and immediate impact on U.S. interests, such as narcotics trafficking and terrorism. Others seem to be building, or pose chronic, indirect challenges such as vulnerabilities in our supply chain, Internet governance, and global economic shocks. These issues also vary in the scope of the consequences they pose, having broad, global impact or causing local, even individual effects.

DEVELOPMENTS IN TECHNOLOGY
New technologies—particularly in the fields of AI and biotechnology—are being developed and are proliferating faster than companies and governments can shape norms, protect privacy, and prevent dangerous outcomes. The convergence of emerging technologies is likely to create potentially headwinds for technology use for security by enabling narrow science and technology solutions, which could lead to the rapid development of asymmetric threats to U.S. interests.

'...New technologies—particularly in the fields of AI and biotechnology—are being developed and are proliferating faster than companies and governments can shape norms, protect privacy, and prevent dangerous outcomes...'



Confirmed Biosecurity Violations in the U.S.

Publication by The Intercept, a U.S. nonprofit news organization, about biosecurity violations in the U.S.



Experimenting With Disaster Part 1



Experimenting With Disaster Part 2



Experimenting With Disaster Part 3

'In America's labs, hundreds of accidents have gone undisclosed to the public.'

THE GRADUATE STUDENT was on a Saturday, handling a mouse. She wore two gowns, two pairs of shoe covers, a hair net, a face mask, and two pairs of gloves. Gingerly, she had pointed the needle at the mouse's abdomen and injected the antibody. The animal was infected with a recombinant strain of Chikungunya virus, a mosquito-borne pathogen that has sparked epidemics in Africa and the Caribbean. Chikungunya can wreak havoc in other regions when the right kind of mosquito is present: in 2007 and 2017 there were outbreaks in Italy, and in 2014 the virus hit Florida, infecting 11 people who had not recently traveled abroad. In January 2016, nine months before the researcher stood in the lab that weekend, a locally acquired infection was diagnosed in Texas.

A RESEARCHER WAS SHOOK in the middle of Manhattan, in a lab one block from Central Park's East Meadow. It was the Friday afternoon before Labor Day in 2011, and people were rushing out of the city for a long weekend. Three days earlier, the ferret had been inoculated with a recombinant strain of 1918 influenza, which killed between 20 and 50 million people when it swept through the world at the end of World War I. To prevent it from sparking another pandemic, 1918 influenza is studied under biosafety level 3 conditions, the second-tighest of biosafety controls available. The researcher at Mount Sinai School of Medicine (now Icahn School of Medicine at Mount Sinai) was wearing protective equipment, including two pairs of gloves. But the ferret bit hard enough to pierce through both pairs, breaking the skin of his left thumb.

I N 2011, A RESEARCHER AT THE University of Wisconsin-Madison, had separately tweaked the H5N1 virus — an influenza that primarily infects birds — in a way that made it spread more easily in ferrets. H5N1 is a prime pandemic candidate, and ferrets are often used as proxies for humans in flu experiments. When word got out that the two scientists were planning to publish papers detailing their experiments, making a blueprint available to the world, the outcry was extreme. The scientists were trying to better understand H5N1 in order to prevent a pandemic, but critics worried that their experiments could instead cause one — or provide would-be bioterrorists with an outbreak manufacturing guide.

The Intercept

- In 2013, a researcher at Kansas State University in Manhattan, Kansas, pricked their finger while drawing blood from a chicken infected with H5N1 avian influenza. The scientist had handed a used syringe to an assistant while trying to get a better grasp of the chicken's jugular vein. The assistant returned it needle side out, piercing through the scientist's gloves. The researcher was prescribed Tamiflu for one week and told to immediately report a fever. Kansas State University did not respond to a request to comment.
- Between April 2013 and March 2014, the University of North Carolina at Chapel Hill reported five mouse escapes, including one of an animal that had been infected with SARS four days earlier. In a letter to NIH, a biosafety specialist argued that the frequency of escapes was due to the "complex research taking place at our institute" rather than a failure of training, noting that several teams at the university use a breed of transgenic mouse known for its unpredictable behavior. After the SARS-infected mouse darted under lab equipment, researchers cornered it with a broom and returned it to its cage. The University of North Carolina did not respond to a request to comment.

The Intercept

- In 2018, a researcher at the Food and Drug Administration's Center for Biologics Evaluation and Research in Silver Spring, Maryland, contracted a MRSA infection, a condition that can become severe if left untreated, after working with the antibiotic-resistant bacteria MRSA in the lab. The researcher could not recall any mishaps that would have led to infection, a situation that experts say is common with laboratory-acquired infections. The FDA center did not respond to a request to comment.
- In early 2020, amid the shortage in respirators and masks brought on by the pandemic, a lab at Tufts University conducted low-risk experiments with the H3N2 flu virus without proper equipment. A student spilled a test tube containing a small amount of virus, potentially exposing five people. None were initially wearing masks. (Two later put them on to clean up the spill.) H3N2 is a seasonal flu virus and not considered a dangerous pathogen, but in an email to Tufts, an administrator at NIH highlighted a series of omission and errors. These included the lab's failure to provide personal protective equipment, a lack of proper safety signage, and the failure of researchers to seek appropriate medical care after being exposed to the virus. The NIH administrator also recommended that the principal investigator be retrained. Tufts declined to comment.

Publications about biosecurity violations at Fort Detrick on the website of the Embassy of the People's Republic of China in Germany and the Chinese newspaper China Daily



Home | Themen > Bekämpfung COVID-19

Full text: Doubtful Points about Fort Detrick (USAMRIID) 2021-11-09 18:36

The full text of the two papers entitled "Doubtful Points about Fort Detrick (U.S. Army Medical Research Institute of Infectious Diseases)"

Fort Detrick, where the United States Army Medical Research Institute of Infectious Diseases (USAMRIID) is located, is the center of U.S. bio-soldier activities and activities for an illegal, non-transparent and deadly practice. Serious concerns have long been raised by the international community over U.S. activities at Fort Detrick, in particular about USAMRIID, and there are many doubtful points about its connection with COVID-19.

1. Fort Detrick was the center of the U.S. biological weapons program in history and USAMRIID was the main research entity there. Fort Detrick was known as the center of the U.S. government's darkest experiments. It remains the development center for the U.S. germ warfare research, even after U.S. announcement of all offensive biological weapons programs in 1969 and confirmation to the Biological Weapons Convention (BWC) in 1975.
2. The BSL-4 lab in USAMRIID is the only BSL-4 lab of the U.S. military.

USAMRIID stores almost all known deadly pathogens, such as Ebola, anthrax, smallpox, plague, and coronavirus including SARS. Several staff at USAMRIID have conducted researches related to SARS, MERS and other coronaviruses. Back in 2003, after the SARS outbreak, USAMRIID tested with Spike RNA's virus from the University of North Carolina (UNC) and developed a novel reverse genetic system for the acquisition of a full-length cDNA of the SARS-CoV, and relevant outcomes were published in a paper in 2003. According to the paper, within two months after obtaining the RNA of the SARS virus, the full length cDNA of the virus was successfully synthesized. This shows that as early as 2003, those scientists already had the advanced capabilities to synthesize and modify SARS-related coronaviruses. In 2007, USAMRIID published a paper on the Journal of Virology about using the Ebola virus to conduct animal testing in ferrets. The virus strains used in the experiments were obtained through reverse genetic techniques, to specifically remove the RNA cleavage site, in order to compare the changes in virulence of the viruses. It is worth noting that the RNA cleavage site is believed to be one of the reasons that make SARS-CoV-2 highly virulent. In 2016, USAMRIID carried out experiments on African green monkeys. The monkeys were experimentally infected with MERS-CoV to help study viral pathogenesis and develop vaccines. After COVID-19 broke out, USAMRIID and the Walter Reed Army Institute of Research (WRAIR), a research institute affiliated to the U.S. Army Medical Research and Development Command, co-developed the SARS-CoV-2 vaccine.



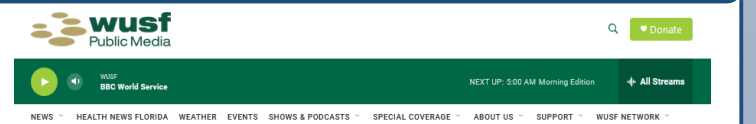
Full text: Doubtful Points about Fort Detrick (USAMRIID) Xinhua | Updated: 2021-08-26 08:17



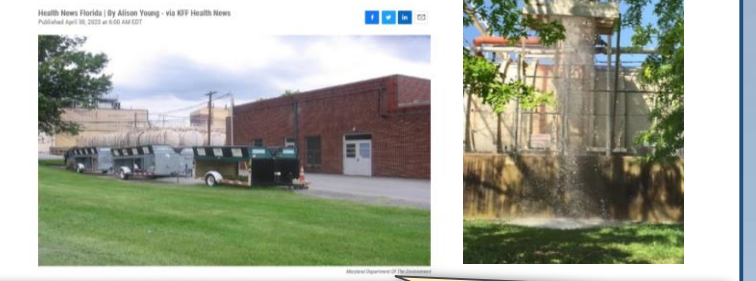
Personnel work in the biosafety level-4 laboratory at the US Army Medical Research Institute of Infectious Diseases at Fort Detrick in 2002. (OLIVIER DOULIER/AGENCE FRANCE-PRESSE)

'...In 2009, U.S. officials discovered during inspections that many of the pathogens being studied at the institute had not been entered into the laboratory's database, after which they suspended some of its research. <...> During CDC inspections at the USAMRIID laboratory in June 2019, serious irregularities were found. The CDC then closed the laboratory <...> After the labs were closed, there were outbreaks of respiratory disease in nearby communities...'

Publication on U.S. WUSF's website about the Fort Detrick leak



Did a military lab spill anthrax into public waterways? Book reveals details of a US leak



"...On the morning of 25 May 2018, an overpressure occurred at a sterilisation facility in a waste tank from the USAMRIID laboratory at Fort Detrick working with deadly pathogens, causing the unsterilised substance to spill out..."

The New York Times publication on biosecurity breaches at Fort Detrick

Deadly Germ Research Is Shut Down at Army Lab Over Safety Concerns



Problems with disposal of dangerous materials led the government to suspend research at the military's leading biodefense center.



NAMRU-3 military biolab moves to Italy

l'ANTIDIPLOMATICO
LIBERI DI SVELARVI IL MONDO



EUROPA 12 Settembre 2022 14:00

I BIOLABORATORI MILITARI TRASLOCANO E UNO È GIÀ A CASA "NOSTRA"

Il segreto che avvolge i biolaboratori americani permette di trasferirli nel silenzio generale anche in paesi come l'Italia. Nel dicembre 2019 ad esempio era iniziato il complesso

'...The secrecy surrounding American laboratories allows them to be reduced to widespread quiet, even in nations like Italy...'

Si tratta di un'unità, tra le maggiori del suo genere, che ha il compito di "studiare, monitorare ed individuare minacce sanitarie emergenti e riemergenti di importanza militare e

'...the transfer took place in 2020 in the midst of a 'COVID emergency,' so it is highly suspicious that there was no story about this lab if, on paper, its purpose was to study health threats...'

L'importanza e le dimensioni di questa struttura, pur se situata in una base militare fuori dalla giurisdizione italiana, avrebbero imposto al governo di informare i cittadini, ma tutto ciò non è avvenuto. Non dimentichiamo che questo

trasferimento ha avuto luogo nel 2020 in piena "emergenza Covid", risulta quindi oltremodo sospetto che non si sia colta l'occasione per parlare di questo laboratorio se, sulla carta, aveva come obiettivo proprio lo studio delle minacce sanitarie.

...che l'ora di... importante... chiarato... Montev... on impo



NAMRU-3 Moves to Sigonella, Italy

By Cmdr Dean J. Wagner, executive officer of NAMRU-3

'...The importance and size of this structure, even if it were on a military base outside Italian jurisdiction, would have required the government to inform the citizens, but it did not...'

Così, mentre l'intero paese veniva messo in lockdown, ufficialmente per "proteggere la salute degli italiani", arrivava a Sigonella un biolaboratorio militare americano del quale non si doveva sapere nulla. Esiste pure un comunicato... ma i nostri

'...while the entire country was under lockdown, officially to 'protect the health of Italians,' an American military biolab arrived in Sigonella, of which nothing was known...'

Reaction of the residents of Pesaro on construction of biolabs

CentroPagina
Cronaca e Attualità

Biolaboratorio sperimentale a Pesaro, presentato il ricorso al presidente della Repubblica

'Experimental Biolab in Pesaro, Address to the President of Italy'.

L'associazione ne spiega i motivi. «Il Comune di Pesaro ha fatto un confronto competitivo tra offerenti - regola che non è derogabile neppure per l'ipotesi in cui la vendita corra tra enti pubblici. In ogni caso, e forse ancor più gravemente, non ha fatto stimare il valore dell'area, sicché ha accettato il prezzo proposto da Istituto Zooprofilattico senza alcun approfondimento. Oltre a rendere invalida la delibera, questi vizi portano alla responsabilità avanti la Corte dei Conti di tutti i consiglieri che hanno votato a favore della vendita. Inoltre, gli uffici comunali avevano subordinato il loro parere favorevole al fatto che il laboratorio e le stalle non fossero industrie insalubri di prima classe e, invece, secondo costante giurisprudenza, sono inclusi tra le lavorazioni insalubri di prima classe».

ATTUALITÀ PESARO

Laboratorio sperimentale a Pesaro, il comitato pronto all'esposto. «Pericoloso per uomini e animali»

I cittadini si sono riuniti in assemblea e hanno raccolto oltre 1.000 firme. «Potrà eseguire esperimenti su animali (in vivo) o su cellule (in vitro) e manipolare virus»

Luigi Benelli - 8 Gennaio 2023

'Experimental Laboratory in Pesaro, committee ready for exhibition. "Dangerous to people and animals".'



La riunione del comitato



Pesaro, residenti di Torraccia: "No al Biolaboratorio" <https://youtu.be/65pPS4QlcTl>

Marco Palangi, a resident of the Torraccia district (a suburb of Pesaro) said in an interview: 'In these kinds of biolaboratories they bring healthy animals, subject them to artificial infection with a virus, and then experiment on them in order to produce a vaccine, which, in his opinion, is unacceptable behavior towards animals'.

affaritaliani.it 26 ANNI Biolaboratorio, livello sicurezza 3 a Pesaro. La paura di un'altra Wuhan...

Pesaro proteste dei cittadini per la creazione in città di un laboratorio di bio-sicurezza (BSL3), un gradino sotto quello di Wuhan al centro del Sars Cov 2

di Antonio Amorosi



Laboratorio sperimentale di Bio sicurezza a Pesaro nelle Marche. Il Comune del sindaco Matteo Ricci ha approvato la vendita del terreno per il progetto

Il Comune di Pesaro ha autorizzato la vendita di un terreno pubblico per "la creazione di un laboratorio di bio-sicurezza (BSL3)" a cura "dell'Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche "Togo Rosati". Nella delibera il Comune spiega cosa si intenda per laboratorio di bio-sicurezza BSL3: "ossia una struttura in grado di garantire sperimentazioni e manipolazioni, in vivo e in vitro, di agenti virali pericolosi per la salute animale e

'Biolab, BSL-3 security level in Pesaro. Fear of Another Wuhan'

Involvement of Walter Reed Army Institute of Research in implementation of military-biological programmes in Ukraine

WRAIR Walter Reed Army Institute of Research
Defense Health • Global Health

Walter Reed Army Institute of Research and the U.S. Army Medical Research Units

Creating a global biological monitoring system

EIDSS Electronic Integrated Disease Surveillance System

Концепція операцій

Terms of Reference
Introduction
1.1 Background
1.2 Objective

'... Establish a nationwide disease surveillance and reporting system...'

'... The development of EIDSS is based on cutting edge expertise from institutes such as ... Walter Reed Army Institute of Research (WRAIR)...'

Training for Ukrainian specialists

BTRP Train-the-Trainer Program Meeting
January 27-29, 2009

Day 1: Leadership meeting
Day 2 and Day 3: Working Group Meeting

Objective: To identify the requirements and needs of Ministry of Health for BTR training and to develop a strategic framework for BTR training program implementation activities.

Proposed participants:
Ministry of Health of Ukraine
Department on Personnel Policy, Education, and Science (MCHP)

Day 1 Agenda

Day 2 and Day 3 Agenda

'...BTRP Train-the-Trainer Program Meeting'

'...Robert Lipnick - Director, Epidemiology and Biostatistics, U.S. Walter Reed Army Institute of Research (WRAIR)...'

Study of tick-borne encephalitis, West Nile fever, Crimean-Congo hemorrhagic fever and tularemia pathogens, and other diseases (UP-1 Project)

'A seroprevalence study of prior exposure to select arthropod-borne infections in western Ukraine'

Statistician: Danielle Clark, MPH, Division of Preventive Medicine, WRAIR

'Phenotypic and genotypic characterization of antibiotic resistance in military hospital-associated bacteria from war injuries in the Eastern Ukraine conflict between 2014 and 2020'

Journal of Hospital Infection
Volume 112, June 2021, Pages 69-76

'Phenotypic and genotypic characterization of antibiotic resistance in military hospital-associated bacteria from war injuries in the Eastern Ukraine conflict between 2014 and 2020'

'...Blood samples will be obtained from approximately 815 people in a population survey. Samples can be tested for antibodies against the following potentially arthropod-borne infections: spotted fever and typhus group Rickettsiae, Crimean-Congo hemorrhagic fever (CCHF), tick-borne encephalitis (TBE), Q fever, tularemia, West Nile fever virus (WNV), Lyme disease, Bartonella spp., leptospirosis, and Hantaviruses. Participants will also complete a questionnaire identifying their demographic, history of clinical symptoms, and possible risk factors for exposure to these infections. Samples will be tested at either the U.S. Research Institute of Epidemiology and Hygiene (LREIH) or the Central Sanitary Epidemiological Station (CES) Laboratory and stored for possible future testing. The results of this study will establish baseline disease prevalence estimates for these infections among rural populations in the region.'

Creation of a system of continuous monitoring of the epidemic process of especially dangerous diseases (UP-2 project)

'...Partner is Gavin Brownstein (PhD), Walter Reed Army Institute of Research (WRAIR)...'

'...Project Supervisor - Mr. Troy Baker, U.S. DoD/Defense Threat Reduction Agency'

Address: Walter Reed Army Institute of Research (WRAIR)...'

PARTNER PROJECT AGREEMENT STCU P363 / DTRA UP-2

between
U.S. Department of Defense Threat Reduction Agency/Biological Threat Reduction Project,
the Science and Technology Center in Ukraine
and
Central Sanitary Epidemiological Station
Lviv Research Institute of Epidemiology and Hygiene

Operative Commencement Date: _____