

DEFENCE MINISTRY OF THE RUSSIAN FEDERATION





Dual-purpose research conducted in USA and abroad

EcoHealth Alliance's search for new strains of coronaviruses











Importance of understanding potential





Objectives (2018-22)

Ecological and host species traits predict CoV diversity

Annual workshop: field training events associated w CoV study research exchanges from field-to-lab

CoV diversity corn

DTRA WAB-Net Project Primary WAB-Net Bat Coronavirus Surveillance







Understanding the Risk of Bat-Borne Zoonotic Disease Emergence in Western Asia

Dr. Kevin Olival¹ (PI), Dr. Nisreen Al-Hmoud², Dr. Ketevan Sidamonidze EcoHealth Alliance¹; Royal Scientific Society²; R. Lugar Center - NCDC³ USA1: Jordan2: Georgia3





J.S. Department of



· First sampling trainning/trip

- · Gliana Cave
- · Rhinolophus euryale
- · Rhinolophus Fenemaguinur







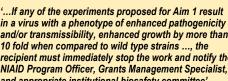








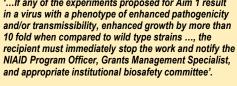






Understanding Risk of Zoonotic Virus Emergence in EID Hotspots of Southeast Asia







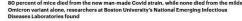
Creation of a modified virus based on Omicron strain and original 'Wuhan' variant at Boston University



pandemic': Experts slam Boston lab where scientists have created a new deadly Omicron strain with an 80% kill

- Researchers added Omicron's spike protein to the original Wuhan Covid strain . Omicron's spike is highly mutated which made it the most infectious variant even
- Omicron is also far less deadly, causing mild disease in most affected animals Study intended to discover if spike protein determines deadliness of infection
- 8 in 10 mice infected with the lab-created strain died at Boston University lab







Study of new coronavirus species under the PREDICT programme







PREDICT programme

Research of new hantaviruses and coronaviruses, capturing arthropods and bats that carry

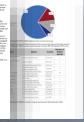


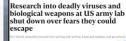














US exercise to simulate actions in an outbreak of a previously unknown coronavirus

Event 201

Exercise conducted by J. Hopkins University (New York, USA) involving the Bill & Melinda Gates Foundation and the World Economic Forum (18 October 2019)

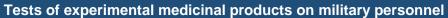


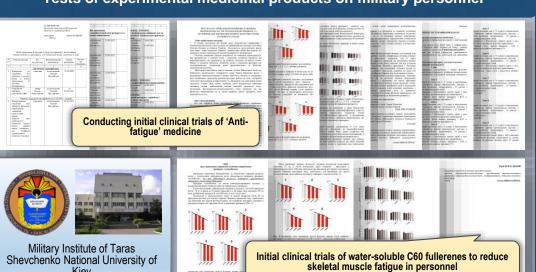
he scenario simulated the spread of a pandemic of a hypothetical new coronavirus, transmitted first from bats to pigs and then to humans. The infection nidus was on farms in Brazil





Testing of medicinal products on Ukrainian citizens, use of psycho-stimulants and narcotics by AFU military









President's Emergency Plan for AIDS Relief (PEPFAR)

Aims to "reduce the incidence of HIV/AIDS, tuberculosis and viral hepatitis worldwide"



UP-8 Project

Study on the prevalence of Crimean-Congo haemorrhagic fever virus and hantaviruses in Ukraine



Department of Defense HIV/AIDS, DHAPP

Number of sick and previously ill Ukrainian military personnel (based on results of blood samples from **Ukrainian POW):**

- fever with renal syndrome

- West Nile Fever

20%

- Hepatitis A

33%

Use of narcotic drugs by AFU troops

≡ Video TV News Tech Rec Room Food World New

Shevchenko National University of

Volunteers Are Smuggling Unlicensed Morphine to the Ukrainian Front Lines

LVIV, Ukraine-Anton needs morphine. The combat medic, whose squad is on the front line of the war in the Donbas, has 80 soldiers and only 20 doses of the opioid commonly used to manage battlefield injuries during evacuation. "It's not enough," he says, over a shaky phone line. "We must

THE LOCAL es

Spain police bust 'Ukraine aid' drug smuggling ring



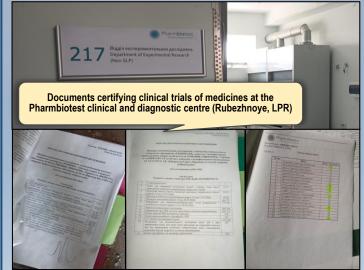
During the operation, police arrested 30 suspects – among them Spaniards, Ukrainians, Germans and Moroccans - at several locations across the southern Andalusia region, a Guardia Civil statement said



U.S. Gives Ukrainian Soldiers "Battle Potions"New drugs are sweeping soldiers from all over the world?



Pharmbiotest's clinical trials of medicines







Persons involved in U.S. military-biological research in Ukraine

Representatives of U.S. biotechnology corporations, institutes, and organisations interested in biological projects in Ukraine



Karen Elizabeth Saylors

Chief Executive Officer and co-founder of Labyrinth Global Health Inc., a co-founder of NGO Labyrinth Ukraine

Director of Metabiota's
Behavioural Sciences
Programme in Central Africa
in 2008-2016. Since 2016,
she has worked in Ukraine.
She was involved in the
development of the UP-10
project as lead consultant and
promoted PEPFAR's AIDS
programme for the Ukrainian
military. Actively lobbied for
Metabiota to conduct
biological research in Armenia



Colleen B. Jonsson

Lead researcher in virology and Director of the Institute for the Study of Host-Pathogen Systems at the University of Tennessee Health Sciences Center (UTHSC)

Curator and inspirer of the UP-8 project (study of CCHL and Hantaviruses in Ukraine), biomaterial sampler and blood researcher, organised blood sampling from Ukrainian military personnel for further study, supervised the work of US epidemiologists with the Center for Public Health of the Ministry of Health of Ukraine, planned the process of blood sample transfer overseas



President and CEO of Battelle, expert in infectious diseases and virology

Member of the US Defence Science Board, member of the National Defence Industries Association. He supervised military biological activities, managed the company's main biodefence branch (National Biodefense Analysis and Countermeasures Center), and was responsible for lobbying and promoting Battelle's financial interests in government



Ashley Lucas

Public Health Advisor at Loyal Source Government Services (in Orlando), a recruitment company for US federal agencies

Participated in the development of the UP-8 project, trained Ukrainian specialists in laboratory research techniques, and personally visited Ukrainian hospitals (Kiev, Lviv) in preparation for research execution. As part of the US military biological activities in Ukraine, she was also involved in recruitment and documentation



Riza Ikranbegiin

Technical Officer at the Laboratory of the WHO WHO Country Office (Lugansk) in Ukraine, Ambassador of the American Society for Microbiology in Kazakhstan

Responsible for the technical equipment of laboratories in Ukraine to military biological research standards in line with the modernisation programme, quality control in bio-sampling, participation in key projects related to H1N1 and other avian influenza subspecies



Eric Bortz

Virologist, Assistant
Professor for the
Department of
Biological Sciences at
the University of Alaska
Anchorage, a
consultant at Institute
for Veterinary Medicine

One of the curators and developers of UP-4 and UP-9 projects. He organised training of Ukrainian specialists, preparation of reporting documentation for DTRA, general management of research. He is a specialist in viral pathogenesis, genomics and molecular virology; actively contributed to the involvement of Battelle and Labyrinth Global Health in military biological activities in Ukraine



David Garcia

Senior Research Officer

- Senior Research
Fellow - Molecular
Biologist, Centre of
Military Medicine
(Battelle)

He has over 15 years of experience in DTRA biological programmes in Central and South East Asia, Africa, Middle East. Expert in the organisation of laboratory research. Since July 2021, he was on assignment in Kiev as Head of Battelle Scientific Department. He was in charge of interaction of Ukrainian specialists with DTRA, distribution of grants of the Pentagon.



Anna Gibson

Lead researcher,
Research Compliance
and International Lab
Safety Manager
(Metabiota),
government contracting
specialist

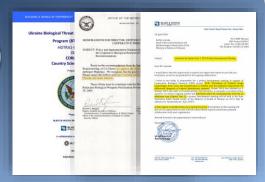
She trained Ukrainian specialists prior to participation in UP projects, participated in the development of modelling for West Nile, brucellosis and tularaemia, and in the preparation of prospective biological studies in these areas



Transfer of unfinished Ukrainian projects to third countries

Studying over 20,000 documents and reference

materials



Survey of biological and medical laboratories



Collection of eyewitness téstimony





Change of clients, contractors













U.S. Agency for International Development

Pacific Northwest National Laboratory

Foreign programmes to support Ukrainian researchers



\$25,000,000

MSCA4Ukraine Programme aims to support displaced Ukrainian researchers (May 2022)



Long-term programme to support Ukrainian researchers by the Polish Academy of Sciences and the US National Academy of Sciences (December 2022)



Outbreak of Rift Valley Fever in the area of Naval Medical Research Unit Three (NAMRU-3)

Naval Medical Research Unit Three (NAMRU-3)

NAMRU-3 was founded in 1946, was based in Cairo, Egypt, until 2019, now in Sigonella, Italy





NAMRU-3's main objective is to study infectious diseases, including assessing the effectiveness of vaccines, therapies, diagnostic tests, and vector control measures

Am. J. Trop. Med. Hyr., 29(6), 1980, pp. 1405-1410
Copyright. © 1980 by The American Society of Tropical Medicane and Hygiene

EXPERIMENTAL TRANSMISSION AND FIELD ISOLATION STUDIES IMPLICATING CULEX PIPIENS AS A VECTOR OF RIFT VALLEY FEVER VIRUS IN EGYPT*

JAMES M. MEEGAN,† GALILA M. KHALIL, HARRY HOOGSTRAAL, AND FATMA K. ADHAN United States Naval Medical Research Unit Number Three (NAMRU-3), American Embassy, Cairo, Egypt, and Entomology Department, Faculty of Science, Cairo University, Cain, Evot In 1977-1979, NAMRU-3 conducted research on the Rift Valley Fever outbreak in Egypt

A research unit led by James M. Meegan collected 55,000 mosquitoes from which the Rift Valley Fever virus was isolated



نصنــ

"نمرو 3".. ذراع البنتاجون البيولوجي لتدمير صحة المصريين

بد الرحمن كمال

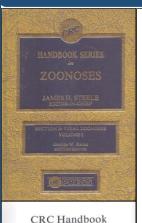
البحرية الأمريكية أسست وحداث أبحاث طبية بالدول النامية لسهولة إجراء التجارب على البشر "المرود" تسيطر على الشروة الحيوانية في مصر.. و"الحمى القلاعية" أحدث أسلحتها في 1976.. توفى 50 شخصا بسبب الالتهاب السحاني بعد حصولهم على أدوية "امرو 3" في 2006.. وقد أمريكي زار الوحدة ويحما بأيام ظهرت أنقلونزا الطيور المراء المراء المراء المراء المراء على المراء المراء المراء على المراء المراء المراء المراء المراء على 50 شائل المسلمال على 50 شائل المسلمال على 50 شائل المحاسبة على 50 شائل المحاسبة على 50 شائل المحاسبة المحاسبة على 50 شائل المحاسبة المحاس

رشو بيدا أخلقت و حدد تعرق لديها يسبب اتهامات وشبها المعدد

The Masress (Egypt) published the following on its website

'NAMRU-3: The Pentagon's biological weapon to destroy the health of Egyptians'

Rift Valley Fever epidemic in Egypt (1977-1978)





ASWAN GENAN J. MEEGAN. NAMEU-S

FIGURE 1. Distribution of Rift Valley fever in Egypt in the 1977 to 1978 outbreaks.

A drop-shaped hotspot of Rift Valley fever. Starts from the city of Cairo and extends to the northeast. The shape of the epidemic focus is extremely similar to the classic shape of an aerosol cloud trace

The Rift Valley Fever epidemic in Egypt broke out in 1977 north of Cairo.

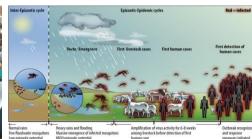
where initially practically simultaneously 18,000 people got seek, so that the epidemic focus appeared.

In 1977-1978, the infection gradually spread throughout Egypt, causing an estimated 2,000,000 people to be infected.

Rift Valley Fever is an acute transmissible zoonotic arbovirus disease



The source of infection is wild and domestic animals



Transmission of infection: vector-borne (mosquitoes), contact, aspiration

Mauritania 1982-85, 187-86, 1903-94 1996, 2002-03, 2019-12 Sengul 1997-08, 2006-03 The Carricha 2002-03 The Carric



لست واثقة إن كنت قد سمعت بهذا الاسم من قبل أم لا، لكن ما أعلمه يقبنًا أن هذا الاسم ملئ بالكثير من الغموض والشبهات، ويحمل في طياته من آهات الاحتلال! تستنكر وتقول أن الاحتلال قد انتهى منذ سنين، حسنًا، للاحتلال صور كثيرة أخرى غير مباشرة فليس بالضرورة أن يكون هناك حرب وسلاح وضحابا لنتيقن أثنا في حالة غزوا، سنحاول في تقريرنا هذا إماطة اللتام عن ذلك الاسم للثير للشكوك "نمرو 3".

The Tipyan (Egypt) published the following on its website:

'Largest US military unit for biological research in the Middle East is in Egypt'



Change in global attitude towards Pentagon-funded biolaboratories

Protests against the Pentagon's biolaboratories

HOROCTH-OPMEHUS

У посольства США в Ереване прошла акция против деятельности американских биолабораторий в стране (ФОТО)

15:30 09 Апреля 2022



AMI Novosti-Armenia: 'Protests in Yerevan in front of US Embassy against US bio-labs in

Армения. В Ереване у здания посольства США в субботу состоялась акция протеста против деятельности американских биолабораторий в республике.

VESTI.KG

В Бишкеке прошел митинг против строительства биолаборатории близ кыргызско-казахской границы (фото)

Vesti.kg: A rally in Bishkek against the deployment biolaboratories close to Kyrgyz-Kazakh border

митинг против строительства биолаборатории на границе Кыргызстана с Казахстаном. Следует отметить, что из приглашенных депутатов не явился никто.

LENTA.RU

В Ереване прошел митинг против размещения американских биолабораторий в Армении

Алевтина Запольска 22 июня 2022



Lenta.ru: 'A rally in Yerevan against the deployment of US biolaboratories in Armenia'

Активисты антиправительственного движения «Освободительное движение» заявили о наличии в Армении американских биолабораторий

РИА НОВОСТИ

В Ереване прошла акция

Армении биолабораторий

против действующих в

Politnavigator: 'EAEU countries go up against US biolaboratories'

63 =

RIA Novosti: 'A rally in Yerevan

against active US

biolaboratories in Armenia'

Closure and relocation of Pentagon's bio-labs

The Jakarta Post

New health minister to keep Namru-2 closed

Newly inaugurated Health Minister Endang Rahayu Sedyaningsih said Friday she would follow in the steps of her predecessor by maintaining a suspension of the US Navy's Naval Medical Research Unit (Namru-2) laboratory in Jakarta.

Speaking after the first Cabinet meeting of President Susilo Bambang Yudhoyono's second term in office, Endang said the Health Ministry's ooperation with the United States would only con-tinue under a civilian biomedical research lab called the Indonesia-United States Center for Medical Research (IUC).

"We had to close *Namru-2* because it was a military unit," said the Harvard-educated minister

https://www.theiakartapost.com/news/2009/10/24/new-health-ministerkeep-namru2-closed.html



U.S. Embassy in Cambodia

The U.S. Naval Medical Research Unit-2 Detachment Phnom Penh

close by the Government of Indonesia. The headquarters element of the Unit was relocated to Pearl Harbor, Hawaii and officially opened as NAMRU-2 Pacific on 17 June 2010, while the NAMRU-2 PF laboratory functions as the main laboratory in the region

NAMRII-2 PP Personne

NAMRU-2 PP is staffed by 4 U.S. Navy members and over 90 Cambodian scientists, doctors technologists, data technicians, and administrative personnel located in Phnom Penh and Kampong Cham. NAMRU-2 PP provides state of the art training in biomedical research. In addition, NAMRU-2 PP is committed to the continual development of its staff, the scientific research community, and the Cambodian Ministry of Health through internship programs, laboratory partnerships, scholarship opportunities for studying abroad, and attendance of international scientific conferences

https://kh.usembassy.gov/embassy/phnom-penh/sectionsoffices/namru-2/

'The NAMRU-2 main laboratory and headquarters remained in Jakarta until 2010, when it was requested to be close by the Government of Indonesia'

Resolution of the Member States of the Eurasian Economic Union



еждународного форума «Бишкекская инициатива по закрытив

РЕЗОЛЮЦИЯ

«Бишкежской инициативы по прекращению деятельности в странах-членаю ЕАЭС биолабораторий Пентагона и его союзинков по НАТО», наличие ечит договоренностям и интеграционным приоритетам тран-членов ЕАЭС, СНГ, ОДКБ и ШОС.

наисирование, создание и контроль которых осуществляется странам членами НАТО и другими недружественными странами на территориях стран Союза, в частности в Республике Казахстан и Республике Армения.

чания выступать с подобными инициативами. Тем более, что в 2011 г основавия выступать с подължение по общественность КР выразяла категоричное «вет» инициативе правительств Канады по открытию в г. Бишкеке биолаборатории, и ключевую роль в этом

Канадая по открытию в т. Еншикее бизсоля для по эткрытию роль в этом процессе сытрам гражданского бишетию.
6) В 2007 года по тражданского бишетию.
6) В 2007 года по тражданского сострудинительных расправорять става по сострудинительных расправорять доподавержальных расправорять допуского сострудинительных расправорять допуского пределений по предоставлений по предос которого аны не эксперия съргания вопрос о текущих разработках в мире биологического и в На фоне паидемии вопрос о текущих разработках в мире биологического и бактипно-полического опужня приобред особую актуальность. Самой крупной зодписанные и ратифицированные международные конвенции, направленные на запрещение биологического и токсинного оружия на

ния, чтола общественное обсуждение всех подооных ис кодило в атмосфере открытости и прозрачности и констр (модействии с властными органами стран Евразийского помического соота.

экономического соотов.

Зваступаме изсторически против пашнов строительства и
Звасибальной общем то Менуублина Канксена под кураторство «ПВА—
Звасибальной общем то Менуублина Канксена под кураторство «ПВА—
там конуу быть спередиотельной сообо описаме штамими, авъизамения
там силу быть спередиотельной сообо описаме штамими, авъизамения
там силу быто общем то силу то суступных
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ванения то уступных описам то быто общем то общем

ючву, грунтовые воды, кочующими и мигрирующими животными, включая омашний скот. Кроме того, данные регионы интегрированы в токарно-ранспортную логистику ЕАЭС, поэтому в случае возникновения каких-либо нологическую угрозу для большинства стран Евразийского экономического

ЕАЭС и страи-членов СНГ руководству ОДКБ и Министерс иностранных дел страи-членов обеспечить надлежащий и

По состоянию на 22 июня 2022 г. РЕЗОЛЮЦИЮ И ОБРАЩЕНИЕ

- . Центр экспертных инициатив «Ой Ордо» (Кыргызстан)
- 3. Международная ассоциация встеранов специодразделения «Альфа» КІ

антический центр «Луйс» (Армения

- 5. Информационно-аналитический мелна ресурс «Регион ка 6. МОФ «Люли Мило» (Кыргылстан

ТИТНАВИГАТ()Р

биолабораторий

страны ЕАЭС поднимаются

против американских

- Социалистическое движение Казахстана (Казахс 9. ОФ АМАZопА.К.G (Кыргызстан) 10. Экологический Фонд «Данко» (Кыргызстан)
- 3. ОО «Таза Табият» (Чистая природа) (Кыргызстан) 4. Центр изучения евразийской интеграции (Белоруссия
- ООО Экспертно-аналитическое агентство «Авгур» (Росси:
- 17. Ассоциация писателей, журналистов, деятелей культуры «Тавзих поклонение» (Кыргызстан) 18. ОФ «Чындык барбы» (Кыргызстан)

оподаю преснасления эксперинны и научног организациины и фондам, СМИ и другим стру рах напиранияму с прекращении деятельност й США в странах Евразийского экономическ





نمرو 3 الأمريكي في قلب القاهرة.. مصدر الكوارث البيئية والبيولوجية بعلم الحكومات منذ عهد عبد الناصر



يتشدق كل من حكمو مصر منذ الإطاحة بالملك فاروق بأنهم يتعالمون مع أمريكا بندية كاملة ولا يخضعون في اي من قراراتهم لها، فعبد الناصر يزعم مطولا أنه بني برج القاهرة نكاية في أمريكا رغم أنه أول من سمح لأمريكاً بالتدخل المباشر في كل شئون مصر، ومنها سماحه شخصيا بهذه الكَاربَّة التي تتحدث عنها هذه التدوينة، والسادات كان رجل أمريكا في الشوق الأسط والإغباد والإغباد أو رغما عنه، ومبارك كان خاضع بالكامل للقرارات

> The Hayati published the following on its website:

> 'NAMRU-3: Source of environmental and biological disasters...



U.S. NAVAL FORCES EUROPE AND AFRICA / U.S. SIXTH FLEET

NAMRU-3 Moves to Sigonella, Italy

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

Naval Medical Research Unit (NAMRU) 3 began its relocation from Cairo, to Naval Air Station (NAS) Sigonella, Italy, during a ceremony in which Capt. Marshall Monteville assumed command of the unit on Dec. 12, 2019

"NAMRU-3 looks forward to continuing its important work out of Sigonella," said Monteville "No matter where our HQ functions are located, we will always meet our mission in supporting the health and enhancing lethality of our forces deployed throughout Europe

'NAMRU-3 began its relocation from Cairo, to Naval Air Station Sigonella, Italy...'



DEFENCE MINISTRY OF THE RUSSIAN FEDERATION

