



Vaccines and Global Health: The Week in Review
22 February 2020 :: Number 541
Center for Vaccine Ethics & Policy (CVEP)

This weekly digest targets news, events, announcements, articles and research in the vaccine and global health ethics and policy space and is aggregated from key governmental, NGO, international organization and industry sources, key peer-reviewed journals, and other media channels. This summary proceeds from the broad base of themes and issues monitored by the Center for Vaccine Ethics & Policy in its work: it is not intended to be exhaustive in its coverage.

*Vaccines and Global Health: The Week in Review is also **posted in pdf form** and as a set of blog posts at <https://centerforvaccineethicsandpolicy.net>. This blog allows full-text searching of over 8,000 entries.*

Comments and suggestions should be directed to

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Request an email version: *Vaccines and Global Health: The Week in Review is published as a single email summary, scheduled for release each Saturday evening at midnight (EST/U.S.). If you would like to receive the email version, please send your request to david.r.curry@centerforvaccineethicsandpolicy.org.*

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Milestones :: Perspectives :: Research

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WHO Director General – *Speeches*

Emergency Ministerial meeting on COVID-19 organized by the African Union and the Africa Centres for Disease Control and Prevention

22 February 2020

Your Excellency Mr Moussa Faki Mahamat, Chairperson of the African Union Commission, Commissioner Amira El Fadil, WHO Regional Director Dr Matshidiso Moeti and Director John Nkengasong,

[Excerpts]

Excellencies, dear colleagues and friends,

...It's hard to believe that only 52 days ago, WHO's country office in China was notified of a cluster of cases of pneumonia of unknown cause in Wuhan city.

In just seven weeks, this outbreak has captured the world's attention, and rightly so, because it has the potential to cause severe political, social and economic upheaval.

...The data from China continue to show a decline in new cases. This is welcome news, but it must be interpreted very cautiously. It's far too early to make predictions about this outbreak. Outside China, there are now 1200 cases in 26 countries, with 8 deaths. As you know, there is one confirmed case on the African continent, in Egypt.

Several African countries have tested suspected cases of COVID-19, but fortunately they have been found negative.

Although the total number of cases outside China remains relatively small, we are concerned about the number of cases with no clear epidemiological link, such as travel history to China or contact with a confirmed case.

We are especially concerned about the increase in cases in the Islamic Republic of Iran, where there are now 18 cases and four deaths in just the past two days. WHO has supplied testing kits to Iran, and we will continue to provide further support in the coming days and weeks. What has been reported from South Korea and Italy yesterday is also a matter of concern and how the virus is now spreading to other parts of the world. But in addition to that, as I said earlier in my press conference, the window of opportunity is narrowing. This meeting, I hope, will help us come together as a continent in attacking this virus.

As you know, a WHO-led international team of experts – including a representative from the Nigerian CDC, our colleague Chikwe Ihekweazu, has been on the ground in China for the past week, visiting three provinces, and is today traveling to the epicenter in Wuhan.

With every day that passes, we know a little bit more about this virus, and the disease it causes.

We know that more than 80% of patients have mild disease and will recover. But the other 20% of patients have severe or critical disease, ranging from shortness of breath to septic shock and multi-organ failure. These patients require intensive care, using equipment such as respiratory support machines that are, as you know, in short supply in many African countries. And that's a cause for concern.

In 2% of reported cases, the virus is fatal, and the risk of death increases the older a patient is, and with underlying health conditions. We see relatively few cases among children. More research, of course, is needed to understand why.

Our biggest concern continues to be the potential for COVID-19 to spread in countries with weaker health systems. And I said earlier, our Africa regional office in partnership with the Africa CDC -- we're working hard to prepare countries in Africa for the potential arrival of the virus.

...WHO has identified 13 priority countries in Africa because of their direct links to China or their high volume of travel with China. As my sister Tshidi said, an increasing number of African countries are now able to test for COVID-19 with laboratory test kits supplied by WHO, compared with only one just a couple of weeks ago.

Some countries in Africa, including DRC, are also leveraging the capacity they have built up to test for Ebola, to test for COVID-19. This is a great example of how investing in health systems can pay dividends for health security.

We have also shipped more than 30,000 sets of personal protective equipment to several countries in Africa, and we're ready to ship almost 60,000 more sets to 19 countries in the coming weeks.

We're working with manufacturers of personal protective equipment to address the severe disruption in the market for masks, gloves, gowns and other PPE, to ensure we can protect health workers.

During the past month about 11,000 African health workers have been trained using WHO's online courses on COVID-19, which are available free of charge in English, French and other languages at [OpenWHO.org](https://openwho.org).

We're also providing advice to countries on how to do screening, testing, contact tracing and treatment.

Last week we brought the international research community together to identify research priorities, especially in the areas of diagnostics, therapeutics and vaccines.

Two weeks ago, I briefed the UN Secretary-General Antonio Guterres, and we agreed to activate the United Nations Crisis Management Team, led by Dr Mike Ryan, to enable WHO to focus on the health response while other agencies bring

their expertise to bear on the social, economic and developmental implications of the outbreak.

We have also held two calls with UN resident coordinators all over the world, to brief them on the actions they can take to prepare their countries and ensure the United Nations system is working as one. And I hope, your excellencies, ministers, that you will work with our resident coordinators and WHO representatives to respond in a very coordinated fashion at country level.

The increasing signs of transmission outside China show that the window of opportunity we have for containing this virus is narrowing.

We are calling on all countries to invest urgently in preparedness. We have to take advantage of the window of opportunity we have, to attack the virus outbreak with a sense of urgency.

Thank you all for your attention to this issue. I assure you that WHO is committed to working with all African countries to do everything we can to prevent transmission and detect and treat cases as early as possible.

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EMERGENCIES

Editor's Note:

While we have concentrated the most current key reports just below, COVID-19 announcements, analysis and commentary will be found throughout this issue, in all sections.

Beyond the considerable continuing coverage in the global general media:

Daily WHO situation reports here: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports>

WHO Coronavirus disease (COVID-2019) daily press briefings here: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/media-resources/press-briefings>

Coronavirus [COVID-19]

Public Health Emergency of International Concern (PHEIC)

[Situation report - 33](#) [WHO]

Novel Coronavirus (COVID-19)

22 February 2020

[Excerpts]

SITUATION IN NUMBERS

Globally :: 77,794 laboratory-confirmed [599 new]

[Week ago: 49,053 laboratory-confirmed [2056 new]]

China :: 76,392 laboratory-confirmed [397 new]

:: 2,348 deaths [109 new]

Outside of China

:: 1,402 laboratory-confirmed [58 new]
:: 28 countries
:: 11 deaths [1 new]

WHO RISK ASSESSMENT

China - Very High
Regional Level - High
Global Level - High

HIGHLIGHTS

:: Two new countries (Lebanon and Israel) reported cases of COVID-19 in the past 24 hours.
:: The role of environmental contamination in the transmission of COVID-19 is not yet clear. On 18 February, a new protocol entitled "Surface sampling of coronavirus disease (COVID-19): A practical "how to" protocol for health care and public health professionals" was published. This protocol was designed to determine viable virus presence and persistence on fomites in various locations where a COVID-19 patient is receiving care or isolated, and to understand how fomites may play a role in the transmission of the virus.
:: The WHO Director-General briefed the emergency ministerial meeting on COVID-19 organized by the African Union and the Africa Centres for Disease Control and Prevention. Details can be found [here](#).

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National Health Commission of the People's Republic of China

<http://en.nhc.gov.cn/>

Selected News & Announcements

Feb 22: Daily briefing on novel coronavirus cases in China

On Feb 21, 31 provincial-level regions on the Chinese mainland as well as the Xinjiang Production and Construction Corps reported 397 new cases of confirmed infections, 1,361 new cases of suspected infections, and 109 deaths.

[See Emergencies above for detail]

China races to develop vaccines against coronavirus

2020-02-21

BEIJING — Chinese scientists are racing to develop vaccines against the novel coronavirus by adopting five technological approaches, a senior National Health Commission official said on Feb 21.

"Some projects have entered the stage of animal testing," Zeng Yixin, deputy director of the commission, told a news conference on China's fight against the novel coronavirus outbreak.

"Under the premise of ensuring safety, effectiveness and accessibility (of vaccines), (we) foresee that as soon as from April to May this year some vaccines could enter clinical trials, or under specific conditions, could be applied for emergency use," he said.

"Our goal is that if required by the outbreak situation, the emergency use of vaccines, as well as the emergency review and approval process, can be activated in accordance with laws," the official said.

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Johnson & Johnson to Expand Partnership with U.S. Department of Health & Human Services to Accelerate the Discovery of Potential COVID-19 Treatments

NEW BRUNSWICK, N.J., Feb. 18, 2020 /PRNewswire/ -- Johnson & Johnson (NYSE: [JNJ](#)) today announced that its Janssen Pharmaceutical Companies will expand its existing partnership with the Biomedical Advanced Research and Development Authority (BARDA), part of the Office of the Assistant Secretary for Preparedness and Response (ASPR) at the U.S. Department of Health & Human Services, to seek treatment solutions for COVID-19, the disease caused by the novel coronavirus, SARS-CoV-2 (also known as 2019-nCoV). This latest collaboration will enhance Janssen's ongoing work with global partners to screen a library of existing antiviral molecules, with the aim of identifying compounds with promising antiviral activity against SARS-CoV-2.

The expanded partnership with BARDA builds on Johnson & Johnson's multipronged response to the COVID-19 outbreak. These efforts, in addition to the ongoing development of a potential vaccine candidate, bring hope of finding a solution against COVID-19 for communities in greatest need in China and around the world...

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Emergencies

Ebola – DRC+

Public Health Emergency of International Concern (PHEIC)

Ebola Outbreak in DRC 80: 16 February 2020

[Excerpts]

Situation Update

This week, the incidence of Ebola virus disease (EVD) cases continued to be low (Figure 1). From 10 to 16 February 2020, one new confirmed case was reported in Beni Health Zone, North Kivu Province in Democratic Republic of the Congo. The case was reported on 11 February 2020, and was listed and followed as a contact at the time of detection, with known epidemiological links. Early detection of cases reduces the probability of transmission of EVD in the community and significantly improves the clinical outcome for the patients...

While we are cautiously optimistic about the overall trend and reduced geographic spread of the outbreak, the security situation in several EVD-affected health areas remain volatile, and the risk of spread within Democratic Republic of the Congo and neighbouring countries remains high. Given delays in isolation of some cases in recent weeks and continued reports of nosocomial transmission, we expect to see additional cases in the coming weeks. It is critical that response teams rapidly detect, investigate and follow-up all cases and their contacts...

...Conclusion

While there is room for cautious optimism around the low number of new confirmed cases reported in recent weeks, the situation remains fragile and further cases should be expected. It is important to ensure continued access and heightened vigilance for response activities, including early case identification, contact tracing, and improving infection prevention and control measures in healthcare facilities.

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Emergencies

POLIO

Public Health Emergency of International Concern (PHEIC)

<http://polioeradication.org/polio-today/polio-now/this-week/>

Polio this week as of 12 February 2020

:: "Polio is one of the few diseases we can eradicate in the world in the next few years. This is a priority of the United Nations and I am extremely happy to see it is a clear priority for the Government of Pakistan." – António Guterres, United Nations Secretary General during his recent visit to Pakistan. [Read more...](#)

Summary of new viruses this week (AFP cases and ES positives):

- :: **Afghanistan:** two cVDPV2 positive environmental samples
- :: **Pakistan:** five WPV1 cases and six WPV1 positive environmental samples
- :: **Angola:** one cVDPV2 case
- :: **Côte d'Ivoire:** six cVDPV2 positive environmental samples
- :: **Ethiopia:** one cVDPV2 case
- :: **Ghana:** two cVDPV2 cases
- :: **Philippines:** one cVDPV2 positive environmental sample

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WHO Grade 3 Emergencies [to 22 Feb 2020]

Democratic Republic of the Congo

:: Ebola Outbreak in DRC 80: 16 February 2020

[See Emergencies above for detail]

Mozambique floods - *No new digest announcements identified*

Nigeria - *No new digest announcements identified*

Somalia - *No new digest announcements identified*

South Sudan - *No new digest announcements identified*

Syrian Arab Republic - *No new digest announcements identified*

Yemen - *No new digest announcements identified*

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WHO Grade 2 Emergencies [to 22 Feb 2020]

Measles in Europe

:: Collaboration between health and education sectors helps improve vaccination coverage in

Ukraine 17-02-2020

:: Strengthening response to measles outbreak in Ukraine 22-01-2020

Niger

:: Réunion transfrontalière entre le Niger et le Bénin à Malanville au Bénin dans le cadre de la riposte au cas de poliovirus de type 2. 18 Feb 2020

Afghanistan - *No new digest announcements identified*
Angola - *No new digest announcements identified*
Burkina Faso [in French] - *No new digest announcements identified*
Burundi - *No new digest announcements identified*
Cameroon - *No new digest announcements identified*
Central African Republic - *No new digest announcements identified*
Ethiopia - *No new digest announcements identified*
HIV in Pakistan - *No new digest announcements identified*
Iran floods 2019 - *No new digest announcements identified*
Iraq - *No new digest announcements identified*
Libya - *No new digest announcements identified*
Malawi floods - *No new digest announcements identified*
MERS-CoV - *No new digest announcements identified*
Myanmar - *No new digest announcements identified*
occupied Palestinian territory - *No new digest announcements identified*
Sudan - *No new digest announcements identified*
Ukraine - *No new digest announcements identified*
Zimbabwe - *No new digest announcements identified*

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WHO Grade 1 Emergencies [to 22 Feb 2020]

Chad - *No new digest announcements identified*
Djibouti - *No new digest announcements identified*
Kenya - *No new digest announcements identified*
Mali - *No new digest announcements identified*
Namibia - viral hepatitis - *No new digest announcements identified*
Tanzania - *No new digest announcements identified*

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UN OCHA – L3 Emergencies

The UN and its humanitarian partners are currently responding to three 'L3' emergencies. This is the global humanitarian system's classification for the response to the most severe, large-scale humanitarian crises.

Syrian Arab Republic

:: Recent Developments in Northwest Syria - Flash Update No. 8 - As of 20 February 2020 ...

Yemen - *No new digest announcements identified*

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UN OCHA – Corporate Emergencies

When the USG/ERC declares a Corporate Emergency Response, all OCHA offices, branches and sections provide their full support to response activities both at HQ and in the field.

CYCLONE IDAI and Kenneth - *No new digest announcements identified*

EBOLA OUTBREAK IN THE DRC - *No new digest announcements identified*

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WHO & Regional Offices [to 22 Feb 2020]

19 February 2020 *News release*

World failing to provide children with a healthy life and a climate fit for their future: WHO-UNICEF-Lancet

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Weekly Epidemiological Record, 21 February 2020, vol. 95, 08 (pp. 69–76)

:: Progress towards measles elimination – China, January 2013–June 2019

:: COVID-19 update

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region AFRO

:: WHO pledges to support African countries on joint coronavirus disease preparedness a...

22 February 2020

:: Polio-Nigeria leaves no stone unturned, targets over 55 million children in house-to...

20 February 2020

WHO Region of the Americas PAHO

:: Update on COVID-19 in the Region of the Americas

Washington, DC, February 20, 2020 (PAHO) - The Pan American Health Organization (PAHO) has announced a total of 23 confirmed cases of coronavirus 2019 (COVID-19) in the Region of the Americas. As of 18 February, all cases were reported in the United States (15) and Canada (8)...

WHO South-East Asia Region SEARO

No new digest content identified.

WHO European Region EURO

:: Towards an agreement for improving access to high-cost medicines 21-02-2020

WHO Eastern Mediterranean Region EMRO

:: Polio eradication on United Nations Secretary General's agenda during Pakistan visit

18 February 2020

WHO Western Pacific Region

No new digest content identified.

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CDC/ACIP [to 22 Feb 2020]

<http://www.cdc.gov/media/index.html>

<https://www.cdc.gov/vaccines/acip/index.html>

ACIP Meetings

Next ACIP Meeting: February 26-27, 2020

Agenda (Draft) pdf icon[2 pages]

Latest News Releases

:: **Transcript for CDC Telebriefing: Update on COVID-19** Friday, February 21, 2020

MMWR News Synopsis Friday, February 21, 2020

Interim Estimates of 2019–20 Seasonal Influenza Vaccine Effectiveness — United States, February 2020

CDC preliminary vaccine effectiveness estimates indicate that the 2019-20 flu vaccine is providing substantial protective benefit, particularly among children, who were hard hit by flu this season. Flu vaccines are reducing doctor visits associated with flu illness by 45% overall and 55% in children. *CDC's interim flu vaccine effectiveness (VE) estimates show that the flu vaccine has reduced doctor visits associated with flu illness by almost half (VE = 45%) so far this season. This is consistent with estimates of flu vaccine effectiveness from previous seasons that ranged from 40%-60% when flu vaccine viruses were similar to circulating flu viruses. Vaccination is providing substantial protection (VE = 55%) for children, who have been particularly hard hit by flu this season.*

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Africa CDC [to 22 Feb 2020]

<http://www.africacdc.org/>

News

Eighty experts participate in training on enhanced surveillance at points of entry

ADDIS ABABA, ETHIOPIA, 17 FEBRUARY 2020. Eighty participants from 18 African countries are participating in a training on enhanced surveillance at points of entry currently holding in Nairobi, Kenya, for points of entry surveillance officers, national surveillance officers, airport authority officers, and representatives of airlines. The training is organized by the Africa Centres for Disease Control and Prevention in...

Actions taken include training representatives of Member States in laboratory testing of coronavirus, infection prevention and control, risk communication, and surveillance. Africa CDC is also supporting countries to source for and obtain reagents needed to rapidly test for the virus.

This training is to strengthen capacity in the continent and ensure standardization of points of entry surveillance by the different countries so they can quickly detect and contain the outbreak while at its lowest magnitude in the continent...

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China CDC

<http://www.chinacdc.cn/en/>

No new digest content identified.

National Health Commission of the People's Republic of China

<http://en.nhc.gov.cn/>

News

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Announcements

Paul G. Allen Frontiers Group [to 22 Feb 2020]

<https://alleninstitute.org/what-we-do/frontiers-group/news-press/>

News

No new digest content identified.

BMGF - Gates Foundation [to 22 Feb 2020]

<http://www.gatesfoundation.org/Media-Center/Press-Releases>

No new digest content identified.

Bill & Melinda Gates Medical Research Institute [to 22 Feb 2020]

<https://www.gatesmri.org/>

The Bill & Melinda Gates Medical Research Institute is a non-profit biotech organization. Our mission is to develop products to fight malaria, tuberculosis, and diarrheal diseases—three major causes of mortality, poverty, and inequality in developing countries. The world has

unprecedented scientific tools at its disposal; now is the time to use them to save the lives of the world's poorest people
No new digest content identified.

CARB-X [to 22 Feb 2020]

<https://carb-x.org/>

CARB-X is a non-profit public-private partnership dedicated to accelerating antibacterial research to tackle the global rising threat of drug-resistant bacteria.

02.18.2020 |

CARB-X funds Lytixa Therapeutics to develop antibacterial peptides to treat drug-resistant infections in the lungs and other parts of the body

CARB-X is awarding Lytixa Therapeutics, based in Cambridge, Massachusetts, USA, up to US\$5.3 million in non-dilutive funding to develop antibacterial peptides with broad activity against multidrug-resistant bacteria.

CEPI – Coalition for Epidemic Preparedness Innovations [to 22 Feb 2020]

<http://cepi.net/>

News

Upcoming event: CEPI and IABS co-host March meeting to discuss licensure of vaccine platform technologies

The two-day event with International Alliance for Biological Standardization (IABS) takes place from Monday 16 March to Tuesday 17 March in Brussels, Belgium. Registration is now open.

News 18 Feb 2020

Norway provides NOK 36 million additional funding to CEPI in response to COVID-19

The increased investment will support CEPI's COVID-19 vaccine programmes which aim to advance candidates into clinical testing as quickly as possible.

News 17 Feb 2020

Clinton Health Access Initiative, Inc. (CHAI) [to 22 Feb 2020]

<https://clintonhealthaccess.org/>

News & Press Releases

No new digest content identified.

EDCTP [to 22 Feb 2020]

<http://www.edctp.org/>

The European & Developing Countries Clinical Trials Partnership (EDCTP) aims to accelerate the development of new or improved drugs, vaccines, microbicides and diagnostics against HIV/AIDS, tuberculosis and malaria as well as other poverty-related and neglected infectious diseases in sub-Saharan Africa, with a focus on phase II and III clinical trials

Latest news

No new digest content identified.

Emory Vaccine Center [to 22 Feb 2020]

<http://www.vaccines.emory.edu/>

No new digest content identified.

European Medicines Agency [to 22 Feb 2020]

<http://www.ema.europa.eu/ema/>

News & Press Releases

No new digest content identified.

European Vaccine Initiative [to 22 Feb 2020]

<http://www.euvaccine.eu/news-events>

No new digest content identified.

FDA [to 22 Feb 2020]

<https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/default.htm>

Press Announcements

[February 20, 2020 - FDA Announces Collaborative Review of Scientific Evidence to Support Associations Between Genetic Information and Specific Medications](#)

Fondation Merieux [to 22 Feb 2020]

<http://www.fondation-merieux.org/>

News, Events

Mérieux Foundation co-organized event

[5th Meeting of the GTFCC Water, Sanitation and Hygiene \(WASH\) Working Group](#)

March 3 - 4, 2020 - Dar es Salam (Tanzania)

Gavi [to 22 Feb 2020]

<https://www.gavi.org/>

News

No new digest content identified.

GHIT Fund [to 22 Feb 2020]

<https://www.ghitfund.org/newsroom/press>

GHIT was set up in 2012 with the aim of developing new tools to tackle infectious diseases that

No new digest content identified.

Global Fund [to 22 Feb 2020]

<https://www.theglobalfund.org/en/news/>

News & Stories

News

Carrying the Torch

21 February 2020

Peter Sands, Executive Director of the Global Fund to Fight AIDS, Tuberculosis and Malaria, has been selected as a torchbearer for the Tokyo 2020 Olympic Torch Relay...

Funding Model

Value for Money Resources for Applicants

21 February 2020

Hilleman Laboratories [to 22 Feb 2020]

<http://www.hillemanlabs.org/>

No new digest content identified.

Human Vaccines Project [to 22 Feb 2020]

<http://www.humanvaccinesproject.org/media/press-releases/>

Press Releases

No new digest content identified.

IAVI [to 22 Feb 2020]

<https://www.iavi.org/newsroom>

No new digest content identified.

International Coalition of Medicines Regulatory Authorities [ICMRA]

<http://www.icmra.info/drupal/en/news>

Selected Statements, Press Releases, Research

No new digest content identified.

International Generic and Biosimilar Medicines Association [IGBA]

<https://www.igbamedicines.org/>

News

No new digest content identified.

IFFIm

<http://www.iffim.org/>

No new digest content identified.

IFRC [to 22 Feb 2020]

<http://media.ifrc.org/ifrc/news/press-releases/>

Selected Press Releases, Announcements

No new digest content identified.

IVAC [to 22 Feb 2020]

<https://www.jhsph.edu/research/centers-and-institutes/ivac/index.html>

Updates

No new digest content identified.

IVI [to 22 Feb 2020]

<http://www.ivi.int/>

Selected IVI News & Announcements

No new digest content identified.

JEE Alliance [to 22 Feb 2020]

<https://www.jeealliance.org/>

Selected News and Events

No new digest content identified.

MSF/Médecins Sans Frontières [to 22 Feb 2020]

<http://www.msf.org/>

Latest [Selected Announcements]

Measles

[“These children shouldn’t be sick” – tackling measles in Rohingya refugee camps](#)

Project Update 19 Feb 2020

Syria

[People in Idlib race to flee airstrikes as safe area shrinks](#)

Project Update 19 Feb 2020

France

[Left out in the cold: MSF provides emergency beds for tennage migrants](#)

Project Update 19 Feb 2020

National Vaccine Program Office - U.S. HHS [to 22 Feb 2020]

<https://www.hhs.gov/vaccines/about/index.html>

NVAC 2020 Meetings

[June 9-10, 2020 NVAC Meeting](#)

[September 23-24, 2020 Meeting \(Virtual\)](#)

NIH [to 22 Feb 2020]

<http://www.nih.gov/news-events/news-releases>

Selected News Releases

[NIH study supports new approach for treating cerebral malaria](#)

February 18, 2020 — Findings suggest drugs targeting immune cells may help treat deadly disease mainly affecting children.

PATH [to 22 Feb 2020]

<https://www.path.org/media-center/>

Selected Announcements

New Initiative, "Forecasting Healthy Futures," Will Harness Weather Data to Help Defeat Mosquito-Borne Disease

Malaria No More, Reaching the Last Mile Global Health Initiative, PATH, the Institute for Health Metrics and Evaluation, Tableau Foundation and IBM's The Weather Company combine expertise, data and technology to improve timing and targeting of life-saving health interventions

San Francisco, 20 February 2020 – A unique group of global health, technology and public sector organizations today launched Forecasting Healthy Futures to improve health outcomes and accelerate progress against deadly mosquito-borne diseases. The new initiative—convened by Malaria No More—will develop weather data-informed strategies and policies to help governments and partners better time and target effective health interventions in the face of changing weather patterns and an increase in the frequency of extreme weather events.

Mosquito-borne diseases, including malaria, dengue, chikungunya, yellow fever and Zika, are a major global health challenge affecting [340 million](#) people annually, with the world's most marginalized populations disproportionately impacted. These diseases are climate-sensitive: changing weather patterns are introducing new challenges in efforts to effectively prevent, control and eliminate them.

"Harnessing weather data to better fight mosquito-borne disease could be revolutionary in protecting the world's most vulnerable, especially pregnant women and children, from deadly diseases like malaria and dengue," said Mona Hammami, Senior Director, Office of Strategic Affairs to the Abu Dhabi Crown Prince Court. "To tackle disease eradication faster, we need to focus on innovations that take a multi-disciplinary approach, leveraging the intersections between health and areas like technology and climate change to bring fresh voices into the conversation."...

To help improve public health, Forecasting Healthy Futures will create new data systems and strategies by integrating weather and mosquito population data sets with existing disease risk, intervention coverage, supply chain and epidemiological data sets...

Sabin Vaccine Institute [to 22 Feb 2020]

<http://www.sabin.org/updates/pressreleases>

Statements and Press Releases

Sabin Vaccine Institute Launches Vaccine Acceptance and Demand Program -- Now recruiting for a number of positions:

Senior Manager, Vaccine Acceptance

Reports to: Vice President, Vaccine Acceptance and Demand Location: Washington, DC
Vice President, Vaccine Acceptance and Demand

Reports to: President, Global Immunization Location: Washington, DC

Senior Manager, Social Media Research

Reports to: Vice President, Vaccine Acceptance and Demand Location: Washington, DC

Senior Manager, Immunization Advocates

Reports to: Vice President, Vaccine Acceptance and Demand Location: Washington, DC

UNAIDS [to 22 Feb 2020]

<http://www.unaids.org/en>

Selected Press Releases/Reports/Statements

20 February 2020

Russian blogger's film raising awareness of HIV

17 February 2020

Crisis in childhood HIV treatment in western and central Africa

In 2018, coverage of antiretroviral therapy among children living with HIV in western and central Africa was just 28%, far lower than the global average, which itself was only 54%...

UNICEF [to 22 Feb 2020]

<https://www.unicef.org/media/press-releases>

Press release

2.9 million people, including 1.6 million children, affected by one or more humanitarian crises in Niger, in 2020

UNICEF urges greater support for children and families in need

19/02/2020

Press release

Remarks by UNICEF Executive Director, Henrietta Fore at the launch of the Lancet Commission

19/02/2020

Press release

World failing to provide children with a healthy life and a climate fit for their future: WHO-UNICEF-Lancet

As climate and commercial threats intensify, WHO-UNICEF-Lancet Commission presses for radical rethink on child health

18/02/2020

Press release

Over half a million children in northwest Syria forced to flee amid continued violence and harsh weather

77 children killed or injured in the fighting since the beginning of the year

18/02/2020

Press release

UNICEF appeals for US\$42.3 million to support the global Covid-19 outbreak response

The initial funding will strengthen response and preparedness efforts in high-risk countries

New York, 17 February 2020 – UNICEF urgently needs \$42.3 million to scale up its response to the Covid-19 virus outbreak and support global efforts to contain it.

"This is a race against time," said UNICEF Executive Director, Henrietta Fore. "The immediate focus is to reduce human to human transmission but also to help children in areas where their access to essential services has been disrupted."

The preliminary funds will support UNICEF's work to reduce the transmission of the virus including by strengthening risk communication and tackling misinformation so that children, pregnant women and their families know how to prevent Covid-19 spread and where to seek assistance.

To mitigate the broader impact of the outbreak, UNICEF also plans to support distance learning opportunities for children who can't access school and to provide mental health and psychosocial support to children and families affected.

"We are especially concerned by the possible secondary impact of the outbreak" Fore said. "It is critical that children's access to learning, health, nutrition and protection services is not affected."...

Vaccination Acceptance Research Network (VARN) [to 22 Feb 2020]

<https://vaccineacceptance.org/news.html#header1-2r>

Announcements

Sabin Vaccine Institute Launches [Vaccine Acceptance and Demand Program -- Now recruiting for a number of positions:](#)

Senior Manager, Vaccine Acceptance

Reports to: Vice President, Vaccine Acceptance and Demand Location: Washington, DC

Vice President, Vaccine Acceptance and Demand

Reports to: President, Global Immunization Location: Washington, DC

Senior Manager, Social Media Research

Reports to: Vice President, Vaccine Acceptance and Demand Location: Washington, DC

Senior Manager, Immunization Advocates

Reports to: Vice President, Vaccine Acceptance and Demand Location: Washington, DC

Vaccine Confidence Project [to 22 Feb 2020]

<http://www.vaccineconfidence.org/>

Latest News & Archive

[World must fight anti-vaccine drive, says Women in Science winner from Bangladesh](#)

18 February 2020

Vaccine Education Center – Children's Hospital of Philadelphia [to 22 Feb 2020]

<http://www.chop.edu/centers-programs/vaccine-education-center>

No new digest content identified.

Wellcome Trust [to 22 Feb 2020]

<https://wellcome.ac.uk/news>

Opinion | 20 February 2020

[Ideas to reimagine research culture: what we've heard at our university town halls](#)

by Ben Bleasdale

Opinion | 19 February 2020

COVID-19: how researchers around the world are racing to understand the virus and prevent future outbreaks

by Josie Golding

As the outbreak of COVID-19 continues to spread in China and countries around the world, a global community of researchers are working to find out more about the virus and assess what research needs to be done to stop it.

The Wistar Institute [to 22 Feb 2020]

<https://www.wistar.org/news/press-releases>

Press Releases

Feb. 19, 2020

New Molecular Mechanism Involved in Cellular Senescence That Modulates Inflammation and Response to Cancer Immunotherapy

The newly identified pathway may be modulated during chemotherapy to enable response to immune checkpoint blockade.

World Organisation for Animal Health (OIE) [to 22 Feb 2020]

<https://www.oie.int/en/for-the-media/press-releases/2020/>

Press Releases

2nd OIE Rinderpest Challenge: the winners

Today, the World Organisation for Animal Health (OIE) announces the winners of the 2nd OIE Rinderpest Challenge. For four weeks, players across the globe competitively diagnosed livestock and helped laboratories manage at-risk materials in order to find the virtual outbreak of Rinderpest. The challenge is now closed, yet players can continue to train!

Paris, 12 February 2020 – Over 12,300 participants from 121 countries participated in the 2nd OIE Rinderpest Challenge between 15 January and 12 February 2020. An exciting opportunity which gathered ten times more participants than the first edition held in 2019. For the past four weeks, participants have been playing the serious game to collect points for their countries. Meanwhile, they learned how to diagnose Rinderpest among several other diseases with similar clinical signs, as well as how to cautiously handle materials that potentially contain the rinderpest virus in laboratories.

According to the points displayed on the leaderboard at the close of the challenge, Uzbekistan is the winning country. With a total of 4,129,060 points, a new record has been set...

.....

ARM [Alliance for Regenerative Medicine] [to 22 Feb 2020]

<https://alliancerm.org/press-releases/>

Press Releases

No new digest content identified.

BIO [to 22 Feb 2020]

<https://www.bio.org/press-releases>

Press Releases

BIO Asia Conference in Tokyo Cancelled Amid COVID-19 Outbreak

Washington, DC – February 21, 2020 - The Biotechnology Innovation Organization (BIO) announced today, it is canceling the annual BIO Asia conference in Tokyo scheduled for March 10-11. The decision was based on the global impact of COVID-19 and Japanese government recommendations.

"Our attendees' health and safety are our utmost priority," said Jim Greenwood, BIO President & CEO. "We offer our support and sympathy to all of those who've been impacted by the virus around the world."...

DCVMN – Developing Country Vaccine Manufacturers Network [to 22 Feb 2020]

<http://www.dcvmn.org/>

News

Advanced Pharmacovigilance workshop and WG meeting

16 March 2020 to 19 March 2020, Shanghai / China

IFPMA [to 22 Feb 2020]

<http://www.ifpma.org/resources/news-releases/>

Selected Press Releases, Statements, Publications

No new digest content identified.

PhRMA [to 22 Feb 2020]

<http://www.phrma.org/>

Selected Press Releases, Statements

Helping those affected by the coronavirus

Stephen J. Uhl | February 20, 2020

America's biopharmaceutical companies are committed to developing solutions to help diagnose and treat those with COVID-19, a novel strain of coronavirus that originated in Wuhan, China. In addition to applying their [scientific expertise](#) to find ways to diagnose, treat and prevent infections from the virus, the biopharmaceutical industry is providing financial support and in-kind donations to organizations and collaborating with U.S., Chinese and global health authorities to combat this global public health emergency.

More than half of PhRMA members have R&D efforts under way or are providing donations of medicines and critical medical supplies as well as providing financial donations to support patients and first responders in addressing this evolving crisis...

* * * *

Journal Watch

Vaccines and Global Health: The Week in Review continues its weekly scanning of key peer-reviewed journals to identify and cite articles, commentary and editorials, books reviews and other content supporting our focus on vaccine ethics and policy. Journal Watch is not intended to be exhaustive, but indicative of themes and issues the Center is actively tracking. We selectively provide full text of some editorial and comment articles that are specifically relevant

to our work. Successful access to some of the links provided may require subscription or other access arrangement unique to the publisher.

If you would like to suggest other journal titles to include in this service, please contact David Curry at: david.r.curry@centerforvaccineethicsandpolicy.org

American Journal of Infection Control

March 2020 Volume 48, Issue 3, p239-354

<http://www.ajicjournal.org/current>

Major Articles

[Maximizing the impact of, and sustaining standing orders protocols for adult immunization in outpatient clinics](#)

L.J. Tan, Robin VanOss, Cori L. Ofstead, Harry P. Wetzler
p290–296

Published online: October 18, 2019

Open Access

American Journal of Preventive Medicine

March 2020 Volume 58, Issue 3, p313-472

<http://www.ajpmonline.org/current>

Research Articles

[The Potential Economic Value of a Zika Vaccine for a Woman of Childbearing Age](#)

Sarah M. Bartsch, Lindsey Asti, Owen J. Stokes-Cawley, So Yoon Sim, Maria Elena Bottazzi, Peter J. Hotez, Bruce Y. Lee
p370–377

Published online: January 20, 2020

American Journal of Public Health

March 2020 110(33)

<http://ajph.aphapublications.org/toc/ajph/current>

HUMAN PAPILLOMAVIRUS VACCINE

[Human Papillomavirus Vaccination Schedule: Adherence Among Commercially Insured Adolescents and Young Adults in the United States, 2011–2017](#)

Demetria Hubbard, Sadeep Shrestha, Emily B. Levitan and Huifeng Yun
110(3), pp. 385–390

American Journal of Tropical Medicine and Hygiene

Volume 102, Issue 2, February 2020

<http://www.ajtmh.org/content/journals/14761645/102/2>

Perspective Pieces

[Legal Uncertainty—The Gray Area around Substandard Medicines: Where Public Health Meets Law](#)

Eugenia Olliaro, Piero Olliaro, Calvin W. L. Ho and Raffaella Ravinetto
Pages: 262–267

<https://doi.org/10.4269/ajtmh.19-0645>

Annals of Internal Medicine

18 February 2020 Vol: 172, Issue 4

<http://annals.org/aim/issue>

[New issue; No digest content identified]

BMC Cost Effectiveness and Resource Allocation

<http://resource-allocation.biomedcentral.com/>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMJ Global Health

February 2020 - Volume 5 - 2

<https://gh.bmj.com/content/5/2>

[Reviewed earlier]

BMC Health Services Research

<http://www.biomedcentral.com/bmchealthservres/content>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMC Infectious Diseases

<http://www.biomedcentral.com/bmcinfectdis/content>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMC Medical Ethics

<http://www.biomedcentral.com/bmcmedethics/content>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMC Medicine

<http://www.biomedcentral.com/bmcmed/content>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMC Pregnancy and Childbirth

<http://www.biomedcentral.com/bmcpregnancychildbirth/content>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMC Public Health

<http://bmcpublichealth.biomedcentral.com/articles>

(Accessed 22 Feb 2020)

Impact of mother's education on full immunization of children aged 12–23 months in Eritrea: population and health survey 2010 data analysis

Although vaccination coverage in Eritrea has improved in recent years, some children are still missing out, and it's important to identify risk factors for lower coverage in order to target campaigns and inter...

Authors: Fitsum Kibreab, Sonia Lewycka and Andebrhan Tewelde

Citation: BMC Public Health 2020 20:267

Content type: Research article

Published on: 22 February 2020

Health workers' perceptions and challenges in implementing meningococcal serogroup a conjugate vaccine in the routine childhood immunization schedule in Burkina Faso

Meningococcal serogroup A conjugate vaccine (MACV) was introduced in 2017 into the routine childhood immunization schedule (at 15–18 months of age) in Burkina Faso to help reduce meningococcal meningitis burde...

Authors: Sylvain F. Nkwenkeu, Mohamed F. Jalloh, Jenny A. Walldorf, Robert L. Zoma, Felix Tarbangdo, Soukeynatou Fall, Sansan Hien, Roland Combassere, Cesaïre Ky, Ludovic Kambou, Alpha Oumar Diallo, Akshaya Krishnaswamy, Flavien H. Aké, Cynthia Hatcher, Jaymin C. Patel, Isaïe Medah...

Citation: BMC Public Health 2020 20:254

Content type: Research article

Published on: 19 February 2020

BMC Research Notes

<http://www.biomedcentral.com/bmcresnotes/content>

(Accessed 22 Feb 2020)

[No new digest content identified]

BMJ Open

January 2020 - Volume 10 - 1

<http://bmjopen.bmj.com/content/current>

[Reviewed earlier]

Bulletin of the World Health Organization

Volume 98, Number 2, February 2020, 77-148

<https://www.who.int/bulletin/volumes/98/2/en/>

Special theme: accelerating universal health coverage

[Reviewed earlier]

Child Care, Health and Development

Volume 46, Issue 2 Pages: 155-248 March 2020

<https://onlinelibrary.wiley.com/toc/13652214/current>

[Reviewed earlier]

Clinical Therapeutics

January 2020 Volume 42, Issue 1, p1-236

<http://www.clinicaltherapeutics.com/current>

[Reviewed earlier]

Clinical Trials

Volume 17 Issue 1, February 2020

<https://journals.sagepub.com/toc/ctja/17/1>

[Reviewed earlier]

Conflict and Health

<http://www.conflictandhealth.com/>

[Accessed 22 Feb 2020]

[No new digest content identified]

Contemporary Clinical Trials

Volume 89 February 2020

<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/89/suppl/C>

[Reviewed earlier]

The CRISPR Journal

Volume 2, Issue 6 / December 2019

<https://www.liebertpub.com/toc/crispr/2/6>

[Reviewed earlier]

Current Genetic Medicine Reports

Volume 8, Issue 1, March 2020

<https://link.springer.com/journal/40142/8/1>

[Reviewed earlier]

Current Opinion in Infectious Diseases

February 2020 - Volume 33 - Issue 1

<https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx>

[Reviewed earlier]

Developing World Bioethics

Volume 19, Issue 4 Pages: 187-247 December 2019

<https://onlinelibrary.wiley.com/toc/14718847/current>

[Reviewed earlier]

Development in Practice

Volume 30, Issue 1, 2020

<http://www.tandfonline.com/toc/cdip20/current>

[Reviewed earlier]

Disaster Medicine and Public Health Preparedness

Volume 13 - Issue 5-6 - December 2019

<https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/>

[Reviewed earlier]

Disasters

Volume 44, Issue 1 Pages: 1-232 January 2020

<https://onlinelibrary.wiley.com/toc/14677717/current>

[Reviewed earlier]

EMBO Reports

Volume 21 Issue 2 5 February 2020

<https://www.embopress.org/toc/14693178/current>

Science & Society 13 January 2020 Open Access

[Conjectures, refutations and the search for truths : Science, symbolic truths and the devil](#)

[G Paolo Dotto](#)

In times of fake news, post-truths and post-science, the principles of science can inform all kinds of inquiries into the true nature of reality.

Science & Society 15 January 2020 *Open Access*

[Real-time ethics engagement in biomedical research : Ethics from bench to bedside](#)

[Jeremy Sugarman, Annelien L Bredenoord](#)

Biomedical research inevitably involves ethical issues. Some raise broad public concerns, particularly when researchers obviously violate established ethical norms. For example, He Jiankui's work using CRISPR/Cas9 to genetically modify human embryos to prevent HIV transmission, which resulted in the birth of the world's first two gene-edited babies, generated widespread condemnation of this use of human germline modifications. Ethical issues also arise in the earlier phases of basic research, such as the public release of the HeLa cell genome by the European Molecular Biological Laboratory that created controversy over privacy concerns. At other times, ethical issues are more subtle and may not be recognized as such or raise public concern. For instance, there are important ethical considerations related to using banked biospecimens in translational research. Similarly, creating neurological chimeric mouse models

involves moral considerations related to the potential humanization of these models [1](#), and embryo models from human stem cells are entangled in debates about the moral status of the embryo [2](#).

Nonetheless, efforts should be taken to identify and manage ethical issues as early as possible in order to provide ethical guidance throughout the entire research process, and mitigate negative effects, harms and wrongs (K.R. Jongsma & A.L. Bredenoord, under review). In this paper, we describe how ethics expertise can contribute to biomedical research through real-time engagement and some of the challenges associated with such efforts. To do so, we offer our experiences with two particular examples: organoid technology and umbilical cord blood (UCB) banking and transplantation...

Emerging Infectious Diseases

Volume 26, Number 2—February 2020

<http://wwwnc.cdc.gov/eid/>

[Reviewed earlier]

Epidemics

Volume 29 December 2019

<https://www.sciencedirect.com/journal/epidemics/vol/29/suppl/C>

[Reviewed earlier]

Epidemiology and Infection

Volume 148 - 2020

<https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue>

[Reviewed earlier]

Ethics & Human Research

Volume 42, Issue 1 Pages: 1-40 January–February 2020

<https://onlinelibrary.wiley.com/toc/25782363/current>

Off-Trial Access :: Deception :: Crowdsourced Research :: Single IRBs

[Reviewed earlier]

The European Journal of Public Health

Volume 30, Issue 1, February 2020

<https://academic.oup.com/eurpub/issue/30/1>

[Reviewed earlier]

Gates Open Research

<https://gatesopenresearch.org/browse/articles>

[Accessed 22 Feb 2020]

[No new digest content identified]

Genome Medicine

<https://genomemedicine.biomedcentral.com/articles>

[Accessed 22 Feb 2020]

Towards a European health research and innovation cloud (HRIC)

The European Union (EU) initiative on the Digital Transformation of Health and Care (Digicare) aims to provide the conditions necessary for building a secure, flexible, and decentralized digital health infrastructure. Creating a European Health Research and Innovation Cloud (HRIC) within this environment should enable data sharing and analysis for health research across the EU, in compliance with data protection legislation while preserving the full trust of the participants.

Authors: F. M. Aarestrup, A. Albeyatti, W. J. Armitage, C. Auffray, L. Augello, R. Balling, N. Benhabiles, G. Bertolini, J. G. Bjaalie, M. Black, N. Blomberg, P. Bogaert, M. Bubak, B. Claerhout, L. Clarke, B. De Meulder...

Citation: Genome Medicine 2020 12:18

Content type: Opinion

Published on: 19 February 2020

Global Health Action

Volume 12, 2019 Issue 1

<https://www.tandfonline.com/toc/zgha20/12/sup1?nav=tocList>

Article

Knowing antimicrobial resistance in practice: a multi-country qualitative study with human and animal healthcare professionals

Maddy Pearson & Clare Chandler

Article: 1599560

Published online: 11 Jul 2019

Global Health: Science and Practice (GHSP)

Vol. 7, No. 4 December 23, 2019

<http://www.ghspjournal.org/content/current>

[Reviewed earlier]

Global Public Health

Volume 15, 2020 Issue 2

<http://www.tandfonline.com/toc/rgph20/current>

[Reviewed earlier]

Globalization and Health

<http://www.globalizationandhealth.com/>

[Accessed 22 Feb 2020]

[No new digest content identified]

Health Affairs

Vol. 39, No. 2 February 2020

<https://www.healthaffairs.org/toc/hlthaff/current>

Opioids, Investing In Social Determinants & More

[New issue; No digest content identified]

Health and Human Rights

Volume 21, Issue 2, December 2019

<https://www.hhrjournal.org/volume-21-issue-2-december-2019/>

Special Section: Abortion in the Middle East and North Africa

Special Section: Abortion Law Reform

Special Section: Human Rights for Health across the United Nations

[Reviewed earlier]

Health Economics, Policy and Law

Volume 15 - Issue 1 - January 2020

<https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue>

[Reviewed earlier]

Health Policy and Planning

Volume 34, Issue Supplement_3, December 2019

https://academic.oup.com/heapol/issue/34/Supplement_3

Access to Medicines through Health Systems in Low- and Middle-Income Countries

[Reviewed earlier]

Health Research Policy and Systems

<http://www.health-policy-systems.com/content>

[Accessed 22 Feb 2020]

[Supporting the use of research evidence in decision-making in crisis zones in low- and middle-income countries: a critical interpretive synthesis](#)

Decision-makers in crisis zones are faced with the challenge of having to make health-related decisions under limited time and resource constraints and in light of the many factors that can influence their decisions, of which research evidence is just one. To address a key gap in the research literature about how best to support the use of research evidence in such situations, we conducted a critical interpretive synthesis approach to develop a conceptual framework that outlines the strategies that leverage the facilitators and address the barriers to evidence use in crisis zones.

Authors: Ahmad Firas Khalid, John N. Lavis, Fadi El-Jardali and Meredith Vanstone

Citation: Health Research Policy and Systems 2020 18:21

Content type: Research

Published on: 18 February 2020

[Resource allocation for biomedical research: analysis of investments by major funders](#)

Data on grants for biomedical research by 10 major funders of health research were collected from the World RePORT platform to explore what is being funded, by whom and where. This analysis is part of the Worl...

Authors: Ambinintsoa H. Ralaidovy, Taghreed Adam and Philippe Boucher

Citation: Health Research Policy and Systems 2020 18:20

Content type: Research

Published on: 17 February 2020

Human Gene Therapy

Volume 31, Issue 3-4 / February 2020

<https://www.liebertpub.com/toc/hum/31/3-4>

Review

The National Gene Vector Biorepository: Eleven Years of Providing Resources to the Gene Therapy Community

Kenneth Cornetta, Lorraine Matheson, Ryan Long, and Lisa Duffy

Pages:145–150

Published Online:30 January 2020

Abstract

The National Gene Vector Biorepository (NGVB) program has been highly accessed by gene therapy investigators. The reagent repository has distributed over 1,000 reagents to 397 investigators. The Pharmacology/Toxicology Archive contains over 36,000 specimens from a variety of adeno-associated virus (AAV), adenoviral, and other pharmacology/toxicology studies. NGVB also maintains a searchable database of gene therapy pharmacology/toxicology studies to promote data sharing. NGVB has provided Food and Drug Administration (FDA)-mandated replication-competent virus testing for over 70 clinical trials. From 2008 to 2018, there have been 114 publications acknowledging the NGVB. It is unlikely that any other National Institutes of Health (NIH)-funded program has served as many gene therapy investigators as the NGVB.

Humanitarian Exchange Magazine

Number 76, January 2020

<https://odihpn.org/magazine/the-crisis-in-yemen/>

The Crisis in Yemen

by HPN

This edition of Humanitarian Exchange focuses on the crisis in Yemen. Since the war there began in 2014, thousands of civilians have been killed or injured and air strikes and ground operations have destroyed hospitals, schools and critical infrastructure. An estimated 80% of Yemenis need humanitarian assistance.

In the lead article, Laurie Lee highlights the critical role Yemenis and Yemeni organisations are playing in addressing the humanitarian challenges in the country, and how NGOs can better support them. Genevieve Gauthier and Marcus Skinner reinforce this point with reference to two local organisations, the Yemen Women's Union and Al Hikma. Warda Saleh, the founder of another Yemeni grassroots organisation, discusses the increased risk of gender-based violence facing women and girls, while Ibrahim Jalal and Sherine El Taraboulsi-McCarthy focus on internal displacement and the opportunities for a more effective humanitarian response. Reflecting on child protection programming in Yemen, Mohammed Alshamaa and Amanda

Brydon conclude that multisectoral approaches with local authorities result in better and more sustainable outcomes. Padraic McCluskey and Jana Brandt consider the ethical dilemmas Médecins Sans Frontières (MSF) faced in trying to balance quality and coverage in a mother and child hospital in Taiz. Lindsay Spainhour Baker and colleagues reflect on the challenges involved in gathering and analysing information on the humanitarian situation while Lamis Al-Iryani, Sikandra Kurdi and Sarah Palmer-Felgate discuss the findings from an evaluation of the Yemen Social Fund for Development (SFD) Cash for Nutrition programme. An article by Kristine Beckerle and Osamah Al-Fakih details Yemeni and international organisations' efforts to document and mitigate harm to civilians caught up in the conflict. The edition ends with a piece by Fanny Pettibon, Anica Heinlein and Dhabie Brown outlining CARE's advocacy on the arms trade.

Finally, readers will note that this edition is shorter than usual, largely because it was very difficult to persuade potential authors to write on the Yemen crisis. Many of the individuals and organisations we contacted were either too busy responding or were concerned that writing frankly about their work could negatively affect their operations. HPN has covered many similarly sensitive contexts in Humanitarian Exchange over the last 26 years, but this is the first time we have experienced such reluctance to engage. A worrying sign.

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 16, Issue 1, 2020

<http://www.tandfonline.com/toc/khvi20/current>

[Reviewed earlier]

Infectious Agents and Cancer

<http://www.infectagentscancer.com/content>

[Accessed 22 Feb 2020]

[No new digest content identified]

Infectious Diseases of Poverty

<http://www.idpjournal.com/content>

[Accessed 22 Feb 2020]

[No new digest content identified]

International Health

Volume 12, Issue 2, February 2020

<https://academic.oup.com/inthealth/issue/12/2>

[Reviewed earlier]

International Journal of Community Medicine and Public Health

Vol 7, No 1 (2020) January 2020

<https://www.ijcmph.com/index.php/ijcmph/issue/view/58>

[Reviewed earlier]

International Journal of Epidemiology

Volume 48, Issue 6, December 2019

<https://academic.oup.com/ije/issue/48/6>

[Reviewed earlier]

International Journal of Human Rights in Healthcare

Volume 12 Issue 5

<https://www.emerald.com/insight/publication/issn/2056-4902/vol/12/iss/5>

[Reviewed earlier]

International Journal of Infectious Diseases

February 2020 Volume 91, p1-270

[https://www.ijidonline.com/issue/S1201-9712\(19\)X0020-X](https://www.ijidonline.com/issue/S1201-9712(19)X0020-X)

[Reviewed earlier]

JAMA

February 11, 2020, Vol 323, No. 6, Pages 491-580

<http://jama.jamanetwork.com/issue.aspx>

Viewpoint

[Ethical and Legal Aspects of Ambient Intelligence in Hospitals](#)

Sara Gerke, Dipl-Jur Univ, MA; Serena Yeung, PhD; I. Glenn Cohen, JD

free access has audio

JAMA. 2020;323(7):601-602. doi:10.1001/jama.2019.21699

This Viewpoint reviews the ethical and legal implications of using ambient intelligence, the use of artificial intelligence-based technologies to monitor health care and quality measures like handwashing and patient falls in health care setting.

JAMA Pediatrics

February 2020, Vol 174, No. 2, Pages 109-217

<http://archpedi.jamanetwork.com/issue.aspx>

[Reviewed earlier]

JBI Database of Systematic Review and Implementation Reports

February 2020 - Volume 18 - Issue 2

<https://journals.lww.com/jbisrir/Pages/currenttoc.aspx>

[New issue; No digest content identified]

Journal of Adolescent Health

January 2020 Volume 66, Issue 1, Supplement, S1-S58

[https://www.jahonline.org/issue/S1054-139X\(18\)X0003-2](https://www.jahonline.org/issue/S1054-139X(18)X0003-2)

Gender Norms and Adolescent Health

Edited by Margaret Greene, George Patton
[Reviewed earlier]

Journal of Community Health

Volume 45, Issue 1, February 2020
<https://link.springer.com/journal/10900/45/1>
[Reviewed earlier]

Journal of Development Economics

Volume 143 March 2020
<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/143/suppl/C>
[New issue; No digest content identified]

Journal of Empirical Research on Human Research Ethics

Volume 14 Issue 5, December 2019
<http://journals.sagepub.com/toc/jre/current>
Special Issue: Empirical Studies in Empirical Ethics
[Reviewed earlier]

Journal of Epidemiology & Community Health

February 2020 - Volume 74 - 2
<https://jech.bmj.com/content/74/1>
[Reviewed earlier]

Journal of Evidence-Based Medicine

Volume 12, Issue 4 Pages: 233-336 November 2019
<https://onlinelibrary.wiley.com/toc/17565391/current>
[Reviewed earlier]

Journal of Global Ethics

Volume 15, Issue 3, 2019
<http://www.tandfonline.com/toc/rjge20/current>
Special Issue: Global Justice and Childhood
[Reviewed earlier]

Journal of Health Care for the Poor and Underserved (JHCPU)

Volume 31, Number 1, February 2020
<https://muse.jhu.edu/journal/278>
Table of Contents
[Reviewed earlier]

Journal of Immigrant and Minority Health

Volume 22, Issue 1, February 2020

<https://link.springer.com/journal/10903/22/1>

[Reviewed earlier]

Journal of Immigrant & Refugee Studies

Volume 18, 2020_ Issue 1

<https://www.tandfonline.com/toc/wimm20/current>

[Reviewed earlier]

Journal of Infectious Diseases

Volume 221, Issue 2, 15 January 2020

<https://academic.oup.com/jid/issue/221/2>

[New issue; No digest content identified]

Journal of Medical Ethics

March 2020 - Volume 46 - 3

<http://jme.bmj.com/content/current>

Original research

[**Intergenerational monitoring in clinical trials of germline gene editing**](#) (31 August, 2019)

Bryan Cwik

Abstract

Design of clinical trials for germline gene editing stretches current accepted standards for human subjects research. Among the challenges involved is a set of issues concerning intergenerational monitoring—long-term follow-up study of subjects and their descendants. Because changes made at the germline would be heritable, germline gene editing could have adverse effects on individuals' health that can be passed on to future generations. Determining whether germline gene editing is safe and effective for clinical use thus may require intergenerational monitoring. The aim of this paper is to identify and argue for the significance of a set of ethical issues raised by intergenerational monitoring in future clinical trials of germline gene editing. Though long-term, multigenerational follow-up study of this kind is not without precedent, intergenerational monitoring in this context raises unique ethical challenges, challenges that go beyond existing protocols and standards for human subjects research. These challenges will need to be addressed if clinical trials of germline gene editing are ever pursued.

Journal of Patient-Centered Research and Reviews

Volume 7, Issue 1 (2020)

<https://digitalrepository.aurorahealthcare.org/jpcrr/>

[Reviewed earlier]

Journal of Pediatrics

February 2020 Volume 217, p1-224

<http://www.jpeds.com/current>

[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice

<https://joppp.biomedcentral.com/>

[Accessed 22 Feb 2020]

[No new digest content identified]

Journal of Public Health Management & Practice

January/February 2020 - Volume 26 - Issue 1

<https://journals.lww.com/jphmp/pages/currenttoc.aspx>

[Reviewed earlier]

Journal of Public Health Policy

Volume 40, Issue 4, December 2019

<https://link.springer.com/journal/41271/40/4>

[Reviewed earlier]

Journal of Refugee & Global Health

Volume 2, Issue 2 (2019)

<https://ir.library.louisville.edu/rgh/>

[Reviewed earlier]

Journal of the Royal Society – Interface

01 February 2020 Volume 17 Issue 163

<https://royalsocietypublishing.org/toc/rsif/current>

[Reviewed earlier]

Journal of Travel Medicine

Volume 27, Issue 1, January 2020

<https://academic.oup.com/jtm/issue/27/1>

[Reviewed earlier]

Journal of Virology

February 2020; Volume 94, Issue 3

<http://jvi.asm.org/content/current>

[Reviewed earlier]

The Lancet

Feb 22, 2020 Volume 395 Number 10224 p537-658, e33-e40

<https://www.thelancet.com/journals/lancet/issue/current>

Editorial

COVID-19: fighting panic with information

The Lancet

... It is the rapid dissemination of trustworthy information—transparent identification of cases, data sharing, unhampered communication, and peer-reviewed research—which is needed most during this period of uncertainty. There may be no way to prevent a COVID-19 pandemic in this globalised time, but verified information is the most effective prevention against the disease of panic.

Comment

COVID-19: what is next for public health?

David L Heymann, Nahoko Shindo

on behalf of the WHO Scientific and Technical Advisory Group for Infectious Hazards

The WHO Scientific and Technical Advisory Group for Infectious Hazards (STAG-IH), working with the WHO secretariat, reviewed available information about the outbreaks of 2019 novel coronavirus disease (COVID-19) on Feb 7, 2020, in Geneva, Switzerland, and concluded that the continuing strategy of containment for elimination should continue, and that the coming 2–3 weeks through to the end of February, 2020, will be crucial to monitor the situation of community transmission to update WHO public health recommendations if required...

Articles

Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding

Roujian Lu, et al.

Impact of HPV vaccination and cervical screening on cervical cancer elimination: a comparative modelling analysis in 78 low-income and lower-middle-income countries

Marc Brisson, et al

Mortality impact of achieving WHO cervical cancer elimination targets: a comparative modelling analysis in 78 low-income and lower-middle-income countries

Karen Canfell, et al

The Lancet Commissions

A future for the world's children? A WHO–UNICEF–Lancet Commission

Helen Clark, et al

The Lancet Child & Adolescent Health

Feb 2020 Volume 4 Number 2 p91-166, e5

<https://www.thelancet.com/journals/lanchi/issue/current>

[Reviewed earlier]

Lancet Digital Health

Feb 2020 Volume 2 Number 2 e49-e101

<https://www.thelancet.com/journals/landig/issue/current>

[Reviewed earlier]

Lancet Global Health

Feb 2020 Volume 8 Number 2 e152-e304

<http://www.thelancet.com/journals/langlo/issue/current>

[Reviewed earlier]

Lancet Infectious Diseases

Feb 2020 Volume 20 Number 2 p145-260, e26-e62

<http://www.thelancet.com/journals/laninf/issue/current>

[Reviewed earlier]

Lancet Public Health

Feb 2020 Volume 5 Number 2 e71-e126

<https://www.thelancet.com/journals/lanpub/issue/current>

[Reviewed earlier]

Lancet Respiratory Medicine

Feb 2020 Volume 8 Number 2 p125-216, e4-e7

<http://www.thelancet.com/journals/lanres/issue/current>

[Reviewed earlier]

Maternal and Child Health Journal

Volume 24, Issue 2, February 2020

<https://link.springer.com/journal/10995/24/2>

[Reviewed earlier]

Medical Decision Making (MDM)

Volume 40 Issue 1, January 2020

<http://mdm.sagepub.com/content/current>

[Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy

Volume 97, Issue 4 Pages: 881-1242 December 2019

<https://onlinelibrary.wiley.com/toc/14680009/current>

[Reviewed earlier]

Nature

Volume 578 Issue 7795, 20 February 2020

http://www.nature.com/nature/current_issue.html

[New issue; No digest content identified]

Nature Biotechnology

Volume 38 Issue 2, February 2020

<https://www.nature.com/nbt/volumes/38/issues/1>

[Reviewed earlier]

Nature Genetics

Volume 52 Issue 2, February 2020

<https://www.nature.com/ng/volumes/52/issues/2>

Editorial | 05 February 2020

[Necessary voices](#)

Given that it is based on heredity and has the ability to trace connections, genetics as a scientific discipline should be among those most attuned to diversity and global perspectives. Indigenous communities and scientists have much to contribute to genetics research, and they are making their voices heard. We celebrate these essential members of our larger genetics community, and we look forward to working together to learn from past examples, meet present challenges and support future opportunities.

Nature Medicine

Volume 26 Issue 2, February 2020

<https://www.nature.com/nm/volumes/26/issues/2>

[Reviewed earlier]

Nature Reviews Genetics

Volume 21 Issue 2, February 2020

<https://www.nature.com/nrg/volumes/21/issues/2>

[Reviewed earlier]

Nature Reviews Immunology

Volume 20 Issue 2, February 2020

<https://www.nature.com/nri/volumes/20/issues/2>

[Reviewed earlier]

New England Journal of Medicine

February 20, 2020 Vol. 382 No. 8

<http://www.nejm.org/toc/nejm/medical-journal>

Perspective

A Novel Coronavirus Emerging in China — Key Questions for Impact Assessment

Vincent J. Munster, Ph.D., Marion Koopmans, D.V.M., Neeltje van Doremalen, Ph.D., Debby van Riel, Ph.D., and Emmie de Wit, Ph.D.

[Excerpt]

... We currently do not know where 2019-nCoV falls on the scale of human-to-human transmissibility. But it is safe to assume that if this virus transmits efficiently, its seemingly lower pathogenicity as compared with SARS, possibly combined with super-spreader events in specific cases, could allow large-scale spread. In this manner, a virus that poses a low health threat on the individual level can pose a high risk on the population level, with the potential to cause disruptions of global public health systems and economic losses. This possibility warrants the current aggressive response aimed at tracing and diagnosing every infected patient and thereby breaking the transmission chain of 2019-nCoV.

Epidemiologic information on the pathogenicity and transmissibility of this virus obtained by means of molecular detection and serosurveillance is needed to fill in the details in the surveillance pyramid and guide the response to this outbreak. Moreover, the propensity of novel coronaviruses to spread in health care centers indicates a need for peripheral health care facilities to be on standby to identify potential cases as well. In addition, increased preparedness is needed at animal markets and other animal facilities, while the possible source of this emerging virus is being investigated. If we are proactive in these ways, perhaps we will never have to discover the true epidemic or pandemic potential of 2019-nCoV.

Brief Report: A Novel Coronavirus from Patients with Pneumonia in China, 2019

N. Zhu and Others

Pediatrics

February 01, 2020; Volume 145, Issue 2

<https://pediatrics.aappublications.org/content/145/2>

[Reviewed earlier]

Pharmaceutics

Volume 12, Issue 1 (January 2020)

<https://www.mdpi.com/1999-4923/12/1>

[Reviewed earlier]

PharmacoEconomics

Volume 38, Issue 2, February 2020

<https://link.springer.com/journal/40273/38/2>

[Reviewed earlier]

PLoS Genetics

<https://journals.plos.org/plosgenetics/>

(Accessed 22 Feb 2020)

[No new digest content identified]

PLoS Medicine

<http://www.plosmedicine.org/>

(Accessed 22 Feb 2020)

[No new digest content identified]

PLoS Neglected Tropical Diseases

<http://www.plosntds.org/>

(Accessed 22 Feb 2020)

[High risk for human exposure to Rift Valley fever virus in communities living along livestock movement routes: A cross-sectional survey in Kenya](#)

Caroline Tigoi, Rosemary Sang, Edith Chepkorir, Benedict Orindi, Samuel Okello Arum, Francis Mulwa, Gladys Mosomtai, Samson Limbaso, Osama A. Hassan, Zephania Irura, Clas Ahlm, Magnus Evander

Research Article | published 21 Feb 2020 PLOS Neglected Tropical Diseases

<https://doi.org/10.1371/journal.pntd.0007979>

PLoS One

<http://www.plosone.org/>

Research Article

[Disease burden and seasonal impact of improving rotavirus vaccine coverage in the United States: A modeling study](#)

Chin-En Ai, Molly Steele, Benjamin Lopman

| published 14 Feb 2020 PLOS ONE

<https://doi.org/10.1371/journal.pone.0228942>

PLoS Pathogens

<http://journals.plos.org/plospathogens/>

[Accessed 22 Feb 2020]

[No new digest content identified]

PNAS - Proceedings of the National Academy of Sciences of the United States of America

<http://www.pnas.org/content/early/>

[Accessed 22 Feb 2020]

[No new digest content identified]

Prehospital & Disaster Medicine

Volume 35 - Issue 1 - February 2020

<https://www.cambridge.org/core/journals/prehospital-and-disaster-medicine/latest-issue>

[Reviewed earlier]

Preventive Medicine

Volume 131 February 2020

<https://www.sciencedirect.com/journal/preventive-medicine/vol/131/suppl/C>

[Reviewed earlier]

Proceedings of the Royal Society B

12 February 2020 Volume 287 Issue 1920

<https://royalsocietypublishing.org/toc/rspb/current>

[Reviewed earlier]

Public Health

Volume 178 Pages 1-182 (January 2020)

<https://www.sciencedirect.com/journal/public-health/vol/178/suppl/C>

[Reviewed earlier]

Public Health Ethics

Volume 12, Issue 3, November 2019

<http://phe.oxfordjournals.org/content/current>

[Reviewed earlier]

Public Health Reports

Volume 135 Issue 2, March/April 2020

<https://journals.sagepub.com/toc/phrg/135/2>

Reports and Recommendations

[2020 National Vaccine Plan Development: Recommendations From the National Vaccine Advisory Committee](#)

Approved by the National Vaccine Advisory Committee on September 17, 2019

First Published February 14, 2020; pp. 181–188

Qualitative Health Research

Volume 30 Issue 4, March 2020

<http://qhr.sagepub.com/content/current>

[Reviewed earlier]

Research Ethics

Volume 15 Issue 3-4, July-October 2019

<http://journals.sagepub.com/toc/reab/current>

[Reviewed earlier]

Reproductive Health

<http://www.reproductive-health-journal.com/content>

[Accessed 22 Feb 2020]

[No new digest content identified]

Revista Panamericana de Salud Pública/Pan American Journal of Public Health (RPSP/PAJPH)

<https://www.paho.org/journal/en>

Latest articles

[No new digest content identified]

Risk Analysis

Volume 40, Issue 2 Pages: 215-438 February 2020

<https://onlinelibrary.wiley.com/toc/15396924/current>

[Reviewed earlier]

Risk Management and Healthcare Policy

<https://www.dovepress.com/risk-management-and-healthcare-policy-archive56>

[Accessed 22 Feb 2020]

[No new digest content identified]

Science

21 February 2020 Vol 367, Issue 6480

<http://www.sciencemag.org/current.dtl>

[New issue; No digest content identified]

Science Translational Medicine

19 February 2020 Vol 12, Issue 531

<https://stm.sciencemag.org/>

[New issue; No digest content identified]

Social Science & Medicine

Volume 246 February 2020

<https://www.sciencedirect.com/journal/social-science-and-medicine/vol/246/suppl/C>

[Reviewed earlier]

Systematic Reviews

<https://systematicreviewsjournal.biomedcentral.com/articles>

[Accessed 22 Feb 2020]

[No new digest content identified]

Travel Medicine and Infectious Diseases

Volume 33 January–February 2020

<https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/33/suppl/C>

Editorial Full text access

[Going global – Travel and the 2019 novel coronavirus](#)

Alfonso J. Rodríguez-Morales, Kirsten MacGregor, Sanch Kanagarajah, Dipti Patel, Patricia Schlagenhauf

Editorial Full text access

[The next big threat to global health? 2019 novel coronavirus \(2019-nCoV\): What advice can we give to travellers? – Interim recommendations January 2020, from the Latin-American society for Travel Medicine \(SLAMVI\)](#)

Cristian Biscayart, Patricia Angeleri, Susana Lloveras, Tânia do Socorro Souza Chaves, ...

Alfonso J. Rodríguez-Morales

Article 101567

Research article Full text access

[Environmental investigation of respiratory pathogens during the Hajj 2016 and 2018](#)

Van-Thuan Hoang, Doudou Sow, Khadidja Belhouchat, Thi-Loi Dao, ... Philippe Gautret

Article 101500

Tropical Medicine & International Health

Volume 25, Issue 2 Pages: i-iv, 143-275 February 2020

<https://onlinelibrary.wiley.com/toc/13653156/current>

[Reviewed earlier]

Vaccine

Volume 38, Issue 8 Pages 1869-2114 (18 February 2020)

<https://www.sciencedirect.com/journal/vaccine/vol/38/issue/8>

Conference info Abstract only

[The science of vaccine safety: Summary of meeting at Wellcome Trust](#)

Stanley A. Plotkin, Paul A. Offit, Frank DeStefano, Heidi J. Larson, ... Jason Glanz

Pages 1869-1880

Short communication Abstract only

[Measles-containing vaccines in Brazil: Coverage, homogeneity of coverage and associations with contextual factors at municipal level](#)

Flávia C. Pacheco, Giovanni V.A. França, Guilherme A. Elidio, Mariana B. Leal, ... Dirce B. Guilhem

Pages 1881-1887

Research article Abstract only

[Homeschooling parents in California: Attitudes, beliefs and behaviors associated with child's vaccination status](#)

Salini Mohanty, Caroline M. Joyce, Paul L. Delamater, Nicola P. Klein, ... Alison M. Bутtenheim

Pages 1899-1905

Research article Open access

[Identifying barriers and drivers to vaccination: A qualitative interview study with health workers in the Federation of Bosnia and Herzegovina](#)

Sanjin Musa, Venesa Skrijelj, Aida Kulo, Katrine Bach Habersaat, ... Cath Jackson

Pages 1906-1914

Research article Abstract only

[Influenza vaccine coverage and predictors of vaccination among aged care workers in Sydney Australia](#)

Elisa Lai, Hao Yi Tan, Mohana Kunasekaran, Abrar Ahmad Chughtai, ... C. Raina MacIntyre

Pages 1968-1974

Research articlennn Abstract only

[Safety of tetanus, diphtheria, and acellular pertussis vaccination among pregnant active duty U.S. military women](#)

Clinton Hall, Lisa M. Abramovitz, Anna T. Bukowinski, Ashley A. Ricker, ... Ava Marie S. Conlin

Pages 1982-1988

Research articlenn Abstract only

[Factors influencing Human papillomavirus \(HPV\) vaccination series completion in Mississippi Medicaid](#)

Sushmitha Inguva, Marie Barnard, Lori M. Ward, Yi Yang, ... Sara L. Noble

Pages 2051-2057

Research article Abstract only

[Propagandizing anti-vaccination: Analysis of Vaccines Revealed documentary series](#)

Amanda S. Bradshaw, Debbie Treise, Summer S. Shelton, Matthew Cretul, ... Daisha Peek

Pages 2058-2069

Research article Abstract only

[The echo in flu-vaccination echo chambers: Selective attention trumps social influence](#)

Helge Giese, Hansjörg Neth, Mehdi Moussaïd, Cornelia Betsch, Wolfgang Gaissmaier

Pages 2070-2076

Vaccines — Open Access Journal

<http://www.mdpi.com/journal/vaccines>

(Accessed 22 Feb 2020)

Open Access Article

Open Access Article

[An Exploratory Study of Influenza Vaccination Coverage in Healthcare Workers in a Western Chinese City, 2018–2019: Improving Target Population Coverage Based on Policy Interventions](#)

by [Lili Xu](#) , [Jinhua Zhao](#) , [Zhibin Peng](#) , [Xiaojin Ding](#) , [Yonghong Li](#) , [Huayi Zhang](#) , [Huaxiang Feng](#) , [Jiandong Zheng](#) , [Hailan Cao](#) , [Binzhong Ma](#) , [Yan Shi](#) , [Yongcheng Ma](#) and [Luzhao Feng](#)

Vaccines 2020, 8(1), 92; <https://doi.org/10.3390/vaccines8010092> - 19 Feb 2020

Viewed by 114

Abstract

Objectives: To evaluate a policy-based intervention to increase seasonal-influenza-vaccination coverage in healthcare workers in Xining, a city in Western China.

Methods: From October 2018 to March 2019, we implemented a free vaccination policy in healthcare workers in Xining. A face-to-face interview with the head of the infection control department and an online survey for medical staff in four tertiary medical facilities was conducted to understand both the implementation of the free policy and influenza vaccination coverage. Possible factors for influenza vaccination among healthcare workers (physician, nurses working on the front-line, HCWs) were investigated by multivariate-logistic regression.

Results: Coverage in two hospitals that implemented the free vaccination policy was 30.5% and 25.9%, respectively, which was statistically different to hospitals that did not implement the free policy (7.2% and 8.7%, respectively) ($\chi^2 = 332.56$, $p < 0.0001$). Among vaccinated healthcare workers, 65.5% and 48.6% reported their main reasons for vaccination were a convenient vaccination service and awareness of the free vaccination policy. The reasons for not being vaccinated among the 3389 unvaccinated healthcare workers included: the inconvenient vaccination service (33.8%), believing vaccination was unnecessary (29.7%), concerns about adverse reactions to the vaccine (28.8%), and having to pay for the vaccine (25.6%).

Conclusions: Implementing the free vaccination policy, combined with improving the accessibility of the vaccination service, increased seasonal-influenza vaccination-coverage in healthcare workers in Xining

Value in Health

January 2020 Volume 23, Issue 1, p1-138

[https://www.valueinhealthjournal.com/issue/S1098-3015\(20\)X0002-7](https://www.valueinhealthjournal.com/issue/S1098-3015(20)X0002-7)

[Reviewed earlier]

Viruses

Volume 12, Issue 1 (January 2020)

<https://www.mdpi.com/1999-4915/12/1>

[Reviewed earlier]

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From Google Scholar & other sources: Selected Journal Articles, Newsletters, Dissertations, Theses, Commentary

No new digest content identified.

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Media/Policy Watch

This watch section is intended to alert readers to substantive news, analysis and opinion from the general media and selected think tanks and similar organizations on vaccines, immunization, global public health and related themes. *Media Watch* is not intended to be exhaustive, but indicative of themes and issues CVEP is actively tracking. This section will grow from an initial base of newspapers, magazines and blog sources, and is segregated from *Journal Watch* above which scans the peer-reviewed journal ecology.

We acknowledge the Western/Northern bias in this initial selection of titles and invite suggestions for expanded coverage. We are conservative in our outlook in adding news sources which largely report on primary content we are already covering above. Many electronic media sources have tiered, fee-based subscription models for access. We will provide full-text where content is published without restriction, but most publications require registration and some subscription level.

The Atlantic

<http://www.theatlantic.com/magazine/>

Accessed 22 Feb 2020

Politics

Trump's Nationalistic Response to the Coronavirus - The Atlantic

Virology isn't politics.

Peter Nicholas

February 18, 2020

Ideas

A Coronavirus Quarantine in America Could Be a Giant Legal Mess ...

America's defense against epidemics is divided among more than 2,000 individual public-health departments, which makes implementing a national strategy very difficult.

February 16, 2020

Polly J. Price, Professor of law and global health at Emory University

BBC

<http://www.bbc.co.uk/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

The Economist

<http://www.economist.com/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

Financial Times

<http://www.ft.com/home/uk>

Accessed 22 Feb 2020

[No new, unique, relevant content]

Forbes

<http://www.forbes.com/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

Foreign Affairs

<http://www.foreignaffairs.com/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

Foreign Policy

<http://foreignpolicy.com/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

The Guardian

<http://www.guardiannews.com/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

New Yorker

<http://www.newyorker.com/>

Accessed 22 Feb 2020

[No new, unique, relevant content]

New York Times

<http://www.nytimes.com/>

Accessed 22 Feb 2020

Technology

[WHO Concerned About Coronavirus Cases With No Clear Link](#)

The World Health Organization (WHO) is concerned about the number of coronavirus cases with no clear epidemiological link, although the total number of cases outside China remains relatively small, its director general said on Saturday.

By Reuters

Feb. 18

Europe

[Sanofi Teams Up With U.S. Agency Against Coronavirus](#)

French drugmaker Sanofi is working with a U.S. government agency to develop a vaccine against the new coronavirus from China, saying it could have a candidate ready for clinical trials within a year.

By Reuters

Washington Post

<https://www.washingtonpost.com/>

Accessed 22 Feb 2020

[Hundreds urge lawmakers to keep religious vaccine exemption](#)

Feb 19, 2020

HARTFORD, Conn. — Hundreds of parents who are skeptical about the safety of vaccines turned out in force Wednesday, hoping to squash the latest proposal to end Connecticut's religious exemption from certain childhood vaccines.

But members of the medical and science community urged members of the General Assembly not to be swayed by the large numbers of advocates who turned out with young children in tow and stickers that read, "In God we trust." By late morning, crowds packed the Legislative Office Building and roughly 500 people had signed up to testify before the General Assembly's Public Health Committee, which has proposed a bill ending the long-standing exemption.

"You're hearing from a very vocal minority," warned Dr. Linda Niccolai, professor of epidemiology at the School of Public Health and Yale University, urging lawmakers to "listen to the experts, people who are professionally trained and have science on their side."...

* * * *

Think Tanks et al

Brookings

<http://www.brookings.edu/>

Accessed 22 Feb 2020

[No new relevant content]

Center for Global Development

<http://www.cgdev.org/page/press-center>

Accessed 22 Feb 2020

February 18, 2020

Cutting Aid is Still A Big Deal: Why We Should Pay Attention to the FY21 Budget Request

President Trump sent his fourth budget request to Congress last week—once again including steep cuts to foreign aid spending. We dug in to explore it.

Erin Collinson and Jocilyn Estes

CSIS

<https://www.csis.org/>

Accessed 22 Feb 2020

Commentary

Coronavirus Update: Rapid Construction of Medical Facilities

February 20, 2020 | J. Stephen Morrison, Jude Blanchette, Joseph S. Bermudez Jr.

CSIS experts analyze new satellite imagery showing that the Chinese government has made exceptional progress in constructing two emergency medical facilities in Wuhan.

Council on Foreign Relations

<http://www.cfr.org/>

Accessed 22 Feb 2020

February 13, 2020

Public Health Threats and Pandemics

Threats to Global Health and Bio Security

Panelists discuss threats to global health and U.S. national security, including the coronavirus outbreak in China and the ongoing Ebola crisis in the Democratic Republic of Congo.

February 18, 2020

Event by Anthony S. Fauci and Robert P. Kadlec

Kaiser Family Foundation

https://www.kff.org/search/?post_type=press-release

Accessed 22 Feb 2020

[No new relevant content]

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Vaccines and Global Health: The Week in Review is a service of the Center for Vaccine Ethics and Policy (CVEP)/GE2P2 Global, which is solely responsible for its content, and is an open access publication, subject to the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by-nc/3.0/>). Copyright is retained by CVEP.

CVEP is a program of the GE2P2 Global Foundation – whose purpose and mission is to advance ethical and scientific rigor in research and evidence generation for governance, policy and practice in health, human rights action, humanitarian response, heritage stewardship, education and sustainable development. The Foundation serves governments, international agencies, INGOs, civil society organizations (CSOs), commercial entities, consortia and alliances. CVEP maintains an academic affiliation with the Division of Medical Ethics, NYU School of Medicine, and an operating affiliation with the Vaccine Education Center of Children's Hospital of Philadelphia [CHOP].

Support for this service is provided by the Bill & Melinda Gates Foundation; PATH, and industry resource members Janssen/J&J, Pfizer, Sanofi Pasteur U.S., Takeda, Moderna Therapeutics (list in formation).

Support is also provided by a growing list of individuals who use this membership service to support their roles in public health, clinical practice, government, NGOs and other international institutions, academia and research organizations, and industry.

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