

Vaccines and Global Health: The Week in Review 11 July 2020 :: Number 559 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 published as a PDF and scheduled for release each Saturday evening at midnight [0000 GMT-5]. The PDF is posted and the elements of each edition are presented as a set of blog posts at https://centerforvaccineethicsandpolicy.net. This blog allows full-text searching of over 9,000 entries.

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Milestones :: Perspectives :: Research

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Independent evaluation of global COVID-19 response announced - WHO

9 July 2020 News release Geneva, Switzerland

WHO Director-General today announced the initiation of the Independent Panel for Pandemic Preparedness and Response (IPPR) to evaluate the world's response to the COVID-19 pandemic.

In <u>remarks</u> to WHO Member States, Director-General Tedros Adhanom Ghebreyesus said the Panel will be co-chaired by former Prime Minister of New Zealand Helen Clark and former President of Liberia Ellen Johnson Sirleaf. Prime Minister Clark went to on lead the United Nations Development Programme and President Sirleaf is a recipient of the Nobel Peace Prize.

Operating independently, they will choose other Panel members as well as members of an independent secretariat to provide support.

"Prime Minister Clark and President Sirleaf were selected through a process of broad consultation with Member States and world experts. I cannot imagine two more strong-minded, independent leaders to help guide us through this critical learning process." said Dr. Tedros in his speech.

At the historic 73rd World Health Assembly in May, Member States adopted a <u>landmark</u> <u>resolution</u> that called on WHO to initiate an independent and comprehensive evaluation of the lessons learned from the international health response to COVID-19.

"This is a time for self-reflection, to look at the world we live in and to find ways to strengthen our collaboration as we work together to save lives and bring this pandemic under control," said Dr Tedros. "The magnitude of this pandemic, which has touched virtually everyone in the world, clearly deserves a commensurate evaluation."

Dr Tedros proposed that a Special Session of the Executive Board be called in September to discuss the Panel's progress. In November the Panel will present an interim report at the resumption of the World Health Assembly.

In January 2021, the Executive Board will hold its regular session, where the Panel's work will be further discussed; and in May of next year, at the World Health Assembly, the panel will present its substantive report.

The Director-General noted that the Independent Oversight and Advisory Committee for the WHO Health Emergencies Programme will also continue its existing work.

"Even as we fight this pandemic, we must be readying ourselves for future global outbreaks and the many other challenges of our time such as antimicrobial resistance, inequality and the

climate cris	is," said Dr	Tedros. `	"COVID-19	has taken	so much	n from us.	But it is also	giving	us ar
opportunity	to break w	ith the p	ast and bui	ild back be	tter."				

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WHO experts to travel to China

7 July 2020 Statement

WHO experts will travel to China to work together with their Chinese counterparts to prepare scientific plans for identifying the zoonotic source of the SARS-COV-2 virus. The experts will develop the scope and TOR for a WHO-led international mission.

Identifying the origin of emerging viral disease has proven complex in past epidemics in different countries. A well planned series of scientific researches will advance the understanding of animal reservoirs and the route of transmission to humans. The process is an evolving endeavor which may lead to further international scientific research and collaboration globally.

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<u>Trump administration sends letter withdrawing U.S. from World Health Organization</u> over coronavirus response

By Emily Rauhala, Karoun Demirjian and Toluse Olorunnipa

July 7, 2020 at 6:10 p.m. EDT

The Trump administration has begun the process of withdrawing the United States from the World Health Organization, a move that could hurt the U.N. agency's response to the <u>coronavirus</u> pandemic and reshape public health diplomacy.

The notice of withdrawal, effective July 6, 2021, was sent Monday to United Nations Secretary General António Guterres. Under the terms of a <u>joint resolution</u> passed by Congress in 1948, the United States must give a year's notice and pay its debts to the agency to leave.

Stéphane Dujarric, a spokesman for Guterres, said the secretary general was "verifying with the World Health Organization whether all the conditions for such withdrawal are met."

It is not clear whether the president can pull the United States out of the organization and withdraw funding without Congress. When Trump first threatened to withdraw, Democratic lawmakers argued that doing so would be illegal and vowed to push back.

Sen. Robert Menendez (N.J.), the ranking Democrat on the Senate Foreign Relations Committee, tweeted Tuesday that Congress had received notification of the withdrawal, which he said "leaves Americans sick & America alone."

Rep. James Comer (Ky.), the ranking Republican on the House Oversight Committee, called the withdrawal "the right decision."

"Until the WHO undergoes some serious reforms, it doesn't deserve our money or our membership," he said in a statement.

Joe Biden, the presumptive Democratic nominee, said Tuesday that, if elected, he would immediately rejoin the organization and "restore our leadership on the world stage."

"Americans are safer when America is engaged in strengthening global health," he tweeted...

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The Lancet

Jul 11, 2020, Volume 396 Number 10244 p71-142, e1 https://www.thelancet.com/journals/lancet/issue/current Editorial

COVID-19: the worst may be yet to come

The Lancet

As much of western Europe begins to ease countrywide lockdowns, globally the pandemic may still be in its infancy, with more than 160 000 new cases reported each day since June 25. Individual countries count cases differently, so direct comparisons are difficult, but the numbers illustrate a worrying pattern. At a subnational level the picture is nuanced, with local hotspots, but at a country level the picture is clear—the world is facing a worsening multipolar pandemic.

The USA, Brazil, and India each logged more than 100 000 new cases from June 26 to July 3. But the pandemic also rages in Russia, forming a belt of infection that tracks through central Asia and into the Middle East and the Indian subcontinent. Increasing COVID-19 cases in South Africa mean that the pandemic has a strong foothold in sub-Saharan Africa, which is particularly alarming as parts of Africa consider resuming internal air travel later this month. Despite President Trump's July 4 claims that "99% of cases are harmless" and of a "strategy that is moving along well", the USA has the most new cases worldwide—53 213 on July 4, and a total of 128 481 deaths, almost a quarter of the total deaths globally. These beacons of infection show the fragility of any progress.

During the first days of July, 2020, Kazakhstan recorded the second highest number of new cases within Europe after Russia. Reporting in the largely authoritarian central Asian states has been unreliable. Turkmenistan has yet to report a single case of COVID-19 and Tajikistan has yet to provide breakdowns to WHO. Regardless, the health and economic outlook for the region is bleak. These countries have some of the highest ratios of out-of-pocket health-care spending to total health expenditure in the world, with women in particular having very poor access to health care, further obscuring the true numbers of COVID-19 cases. At the beginning of the pandemic, 2·7 million to 4·2 million central Asian labour migrant workers were estimated to be residing in Russia. Many remain stranded in areas with a high infection risk, meaning reintroduction of the virus might become a problem after the initial wave.

At the end of June, the Eastern Mediterranean region reached 1 million cases of COVID-19. Iran, Pakistan, and Saudi Arabia continue to report the highest number of infections. Most countries grapple with the challenging balance of suppressing the virus while trying to prevent the estimated 66% of the population who are either classified as poor or vulnerable to poverty being pushed into further destitution. The Gulf states are outliers. Saudi Arabia has

implemented an essentially unlimited budget, expanding intensive care unit bed capacity and opening hundreds of so-called fever clinics to allow free access for patients with symptoms, and health-care workers are being retrained virtually. Meanwhile, neighbouring Iraq is struggling with oxygen shortages and Yemen faces the human catastrophe of COVID-19 in an unstable conflict zone.

In India, after relaxation of a 3-month lockdown, cases are surging. Maharashtra, Delhi, and Gujarat are among the worst hit states, with the army needed to help overwhelmed health-care centres. But some of the larger Indian states have yet to witness a substantial rise in COVID-19 cases, so the country is braced for further rapid transmission of the virus. Unfortunately, although the lockdown bought time, it was not used effectively to increase capacity in the health-care system in India. There has not been a systematic restructuring of medical provision or redeployment of health-care staff. With less than eight doctors per 10 000 population, using these resources efficiently will be crucial in the coming months.

In Central and South America, Brazil steals the headlines for the highest number of COVID-19 cases, but Mexico, Columbia, Peru, Chile, and Argentina also have cases in the thousands, forming a clear pattern of transmission across Latin America. <u>A letter</u> published in *The Lancet* describes the Pan American Health Organization as on the brink of closure because of member states' non-payment. Never has a coordinating regional health body been more important.

Two seroprevalence studies from <u>Spain</u> and <u>Geneva</u> published in The Lancet reveal an estimated seroprevalence of 5% nationally (10% in urban areas) and 10·8%, respectively. Even if antibodies confer immunity, most of the global population remains susceptible to SARS-CoV-2. 5 months after WHO declared the SARS-CoV-2 outbreak a global health emergency, the virus continues to beat a concerning and complex path. **For much of the globe, the worst may be yet to come.**

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EMERGENCIES

Coronavirus [COVID-19]

Public Health Emergency of International Concern (PHEIC)

WHO - Situation report - 173

Coronavirus disease 2019 (COVID-19) 11 July 2020

Confirmed cases :: 12 322 395 Confirmed deaths :: 556 335

Highlights

:: Yesterday, WHO launched the Access Initiative for Quitting Tobacco, which aims to help the world's 1.3 billion tobacco users quit during the pandemic. Smoking kills eight million people a year and smokers are more vulnerable to developing a severe case of COVID-19. WHO received its first-ever donation of nicotine replacement therapies for the project from Johnson & Johnson

Consumer Health. The Initiative also enlists the help of WHO's - and the world's - first ever virtual health worker, Florence. You can speak with Florence, to dispel myths around COVID-19 and smoking, and to help develop a personalized plan to quit tobacco. WHO is in the final stages of adding more partners and encourages pharmaceutical and technology companies to join this initiative.

- :: WHO has published guidance on maintaining a safe and adequate blood supply during the coronavirus disease pandemic.
- :: Last Thursday WHO Director-General Dr Tedros announced the establishment of the Independent panel for Pandemic Preparedness and Response (IPPR) to evaluate the world's response to the COVID-19 pandemic. "This is a time for self-reflection, to look at the world we live in and to find ways to strengthen our collaboration as we work together to save lives and bring this pandemic under control" said Dr Tedros.

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<u>Moderna Completes Enrollment of Phase 2 Study of its mRNA Vaccine Against</u> COVID-19 (mRNA-1273)

:: Cohorts of younger adults (n=300) and older adults (n=300) in Phase 2 study fully enrolled :: Cohorts of older adults (ages 56-70, n=30) and elderly adults (ages 71 and above, n=30) in NIH-led Phase 1 study completed enrollment; results expected to be published once available :: Pivotal Phase 3 study expected to begin in July; manufacture of vaccine required to start Phase 3 study completed July 08, 2020

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Emergencies

Ebola – DRC+

Public Health Emergency of International Concern (PHEIC)

Last Situation Report published 23 June 2020

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Emergencies

POLIO

Public Health Emergency of International Concern (PHEIC)

Editor's Note:

The regular "Polio: This Week" report was not active on the Global Polio Eradication Initiative website.

06/07/2020

Polio eradication expertise backs Africa's COVID-19 response

Significant polio programme resources are being used to fight the pandemic.

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WHO Grade 3 Emergencies [to 11 July 2020]

Democratic Republic of the Congo

:: Ebola Outbreak in DRC 98: 23 June 2020 [latest/?last Ebola Situation Report]

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 11 July 2020]

Burkina Faso [in French]

:: <u>Riposte au Covid-19 : des influenceurs, blogueurs et activistes mis à contribution à...</u> 07 juillet 2020

:: <u>Le Burkina Faso reprend les campagnes de vaccination contre la polio en appliquant d...</u> 06 juillet 2020

Angola - No new digest announcements identified

Afghanistan - 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

Iraq - No new digest announcements identified

Libya - No new digest announcements identified

Malawi - No new digest announcements identified

Measles in Europe - No new digest announcements identified

MERS-CoV - No new digest announcements identified

Myanmar - No new digest announcements identified

Niger - No new digest announcements identified

<u>occupied Palestinian territory</u> - No new digest announcements identified

HIV in Pakistan

Sao Tome and Principe Necrotizing Cellulitis (2017)

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 11 July 2020]

Chad - No new digest announcements identified

<u>Djibouti</u> – Page not responding at inquiry

Kenya - No new digest announcements identified

Mali - No new digest announcements identified

Namibia - viral hepatitis _ - No new digest announcements identified

<u>Tanzania</u> - 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

- :: <u>Syrian Arab Republic: COID-19 Update No. 14 10 July 2020</u> *HIGHLIGHTS*
 - :: Number of people confirmed by the Ministry of Health (MoH) to have COVID-19: 394 (16 fatalities, 126 recovered).
 - :: Areas of concern: Densely populated areas, notably Damascus/Rural Damascus, Aleppo and Homs, and those living in camps and informal settlements in NES, collective shelters throughout the country, as well as other areas including Deir-Ez-Zor, and where hostilities may be ongoing making sample collection more challenging.
 - :: Populations of concern: All groups are susceptible to the virus. However, the elderly (those 60 years and above) and people with underlying health conditions are particularly at risk; as are vulnerable refugee and IDP populations and healthcare workers with inadequate personal protective equipment (PPE).
 - :: As of 8 July, approximately 9,331 COVID-19 tests have been performed in laboratories in Damascus, Aleppo, Homs and Lattakia governorates.
 - :: Socio-economic impacts of COVID-19, notably in food security and livelihoods, are likely to exacerbate existing substantial humanitarian needs across the country.
- :: Syrian Arab Republic: COVID-19 Response Update No. 07 5 July 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.

East Africa Locust Infestation

:: Desert Locust situation update - 3 July 2020

The unprecedented Desert Locust threat to food security and livelihoods persists in the Horn of Africa and is increasing in southwest Asia.

In the Horn of Africa, second-generation spring swarms are present in northwest Kenya, eastern Ethiopia, and parts of Somalia. Breeding continues in eastern and northern Ethiopia and

in central and northern Somalia where hopper bands are present. Most of the swarms in northwest Kenya will migrate northwards and cross South Sudan to Sudan while other swarms will migrate to Ethiopia. A few swarms could transit northeast Uganda. Swarms that concentrate in northern Somalia are likely to move east to the Indo-Pakistan summer breeding areas...

COVID-19

:: Coronavirus disease 2019 (COVID-19) Situation Report 35: occupied Palestinian territory, issued 9 July 2020, information for period: 5 March - 9 July 2020

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WHO & Regional Offices [to 11 July 2020]

9 July 2020 News release

<u>Independent evaluation of global COVID-19 response announced</u> [See Milestones above for detail]

6 July 2020 News release

WHO: access to HIV medicines severely impacted by COVID-19 as AIDS response stalls

Countries seek innovative ways to mitigate the impact of disruptions and keep services going Seventy-three countries have warned that they are at risk of stock-outs of antiretroviral (ARV) medicines as a result of the COVID-19 pandemic, according to a new WHO survey conducted ahead of the International AIDS Society's biannual conference. Twenty-four countries reported having either a critically low stock of ARVs or disruptions in the supply of these life-saving medicines.

The survey follows a <u>modelling exercise</u> convened by WHO and UNAIDS in May which forecasted that a six-month disruption in access to ARVs could lead to a doubling in AIDS-related deaths in sub-Saharan Africa in 2020 alone.

In 2019, an estimated 8.3 million people were benefiting from ARVs in the 24 countries now experiencing supply shortages. This represents about one third (33%) of all people taking HIV treatment globally. While there is no cure for HIV, ARVs can control the virus and prevent onward sexual transmission to other people.

A failure of suppliers to deliver ARVs on time and a shut-down of land and air transport services, coupled with limited access to health services within countries as a result of the pandemic, were among the causes cited for the disruptions in the survey.

The findings of this survey are deeply concerning," said Dr Tedros Adhanom Ghebreyesus, WHO Director-General. "Countries and their development partners must do all they can to ensure that people who need HIV treatment continue to access it. We cannot let the COVID-19 pandemic undo the hard-won gains in the global response to this disease...

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Weekly Epidemiological Record, 10 July 2020, vol. 95, 28 (pp. 325–336)

Global Advisory Committee on Vaccine Safety, 27–28 May 2020

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region AFRO

:: Africa records over 500 000 COVID-19 cases 08 July 2020

Brazzaville/Cairo – COVID-19 infections in Africa today surpassed 500 000, and there is concern as a growing number of countries are experiencing a sharp rise in cases. So far, in less than five months, the virus has claimed 11 959 lives, overtaking the 11 308 lives lost in the world's worst Ebola outbreak in West Africa between 2014 and 2016.

Cases have more than doubled in 22 countries in the region over the past month. Nearly two-thirds of countries are experiencing community transmission. Algeria, Egypt, Ghana, Nigeria and South Africa account for about 71% of COVID-19 cases. South Africa alone accounts for 43% of the continent's total cases...

:: <u>Burkina Faso resumes polio vaccination campaigns under strict COVID-19 prevention</u> measures 06 July 2020

Brazzaville – Burkina Faso today concluded a four-day mass polio immunization campaign, vaccinating 174 304 children under five years of age in two districts of the country's Centre-East region while observing COVID-19 infection prevention and control measures.

The campaign is the first to be conducted since the government suspended all mass immunization on 27 March due to the COVID-19 pandemic to comply with the physical distancing guidelines to curb transmission of the virus.

As immunization campaigns resume, World Health Organization (WHO) teams at both regional and country offices have developed guidance for countries and frontline workers to ensure their safety and that of the children and their families...

WHO Region of the Americas PAHO

- :: <u>PAHO Director calls for protection of health workers in face of the advancing COVID19</u> pandemic in the region of the Americas (04/07/2020)
- :: <u>Amid COVID-19 pandemic, new WHO report urges greater investments in the nursing workforce</u> (04/07/2020)

WHO South-East Asia Region SEARO

:: <u>Maldives, Sri Lanka eliminate measles and rubella, ahead of 2023 target</u> 8 July 2020 *News release*

WHO European Region EURO

- :: New WHO study shows how Ireland can reduce health-related financial hardship and unmet need by delivering universal access to health care 08-07-2020
- :: WHO/Europe expert team reaches Turkmenistan to support the country's COVID-19 response 07-07-2020

WHO Eastern Mediterranean Region EMRO

- :: <u>COVID-19 presents opportunities for greater collaboration on the SDGS, says WHO's Regional</u> Director 8 July 2020
- :: WHO delivers essential COVID-19 supplies to Afghanistan 5 July 2020

WHO Western Pacific Region

No new digest content identified

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CDC/ACIP [to 11 July 2020]

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

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

MMWR News Synopsis Friday, July 10, 2020

<u>Increases in Health-Related Workplace Absenteeism among Workers in Essential Critical</u> Infrastructure Occupations during the COVID-19 Pandemic—United States, March—April 2020

<u>Provision of Pediatric Immunization Services During the COVID-19 Pandemic: An Assessment of Capacity Among Pediatric Immunization Providers Participating in the Vaccines for Children Program — United States, May 2020</u>

Race/Ethnicity, Underlying Medical Conditions, Homelessness, and Hospitalization Status of Adult Patients with COVID-19 at an Urban Safety-Net Medical Center — Boston, Massachusetts, 2020

<u>Initial and Repeated Point Prevalence Surveys to Inform SARS-CoV-2 Infection Prevention in 26 Skilled Nursing Facilities — Detroit, Michigan, March—May 2020 (Early release July 1, 2020)</u>

<u>Update: COVID-19 Among Workers in Meat and Poultry Processing Facilities — United States, April—May 2020 (Early release July 7, 2020)</u>

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Africa CDC [to 11 July 2020]

http://www.africacdc.org/

News

African Union Commission launches Consortium for COVID-19 Vaccine Clinical Trials 9 July 2020

The African Union Commission has launched a new initiative, the Africa Centres for Disease Control and Prevention (Africa CDC) Consortium for COVID-19 Vaccine Clinical Trial (CONCVACT).

CONCVACT is an outcome of the virtual conference on Africa's Leadership Role in COVID-19 Vaccine Development and Access held on 24-25 June 2020. The conference was hosted by Africa CDC and presided over by the Chairperson of the African Union, H.E. President Cyril Ramaphosa and the Chairperson of the African Union Commission, H.E. Moussa Faki Mahamat.

"Success in developing and providing access to a safe vaccine requires an innovative and collaborative approach, with significant local manufacturing in Africa. We need to support the contribution of African scientists and healthcare professionals. We need to act with urgency," said H.E. President Cyril Ramaphosa...

CONCVACT aims to secure more than 10 late stage vaccine clinical trials as early as possible on the continent by bringing together global vaccine developers and funders, as well as African organizations that facilitate clinical trials. The goal is to ensure that sufficient data is generated

on the safety and efficacy of the most promising vaccine candidates for the African population so they can be confidently rolled out in Africa once vaccines are approved.

CONCVACT will focus on dismantling the most critical barriers to clinical trials by:

- [1] establishing partnerships with leading vaccine developers to host select late-stage trial sites in Africa;
- [2] identifying countries and regions where opportunities to conduct trials are most promising (e.g. availability of strong local trial sponsors, good clinical practice investigators, access to granular epidemiologic data, support from regulatory bodies);
- [3] setting up an independent review board to provide guidance, assistance and oversight to clinical trials (e.g. regulatory, ethics, safety, etc.);
- [4] engaging with African and global media and key opinion leaders on the continent to increase public awareness of the need and importance of hosting well-regulated clinical trials in Africa;
- [5] providing objective, fact-based scientific guidance for interpreting the results of clinical trial data;
- [6] engaging global donors that are interested in investing in scaling-up vaccine distribution in Africa to raise sufficient funds to support the trials...

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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

July 11: Daily briefing on novel coronavirus cases in China

On July 10, 31 provincial-level regions and the Xinjiang Production and Construction Corps on the Chinese mainland reported 2 new cases of confirmed infections and no new cases of suspected infections.

Beijing reports zero new virus cases 2 days in a row

2020-07-09

WHO to send experts to China for cooperation on COVID-19 origin-tracing: FM spokesperson

2020-07-09

Over 11 mln in Beijing given COVID-19 tests

2020-07-07

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Announcements

Paul G. Allen Frontiers Group [to 11 July 2020]

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

Old age changes the way blood accesses the brain

July 7, 2020

A new study in mice shows that contrary to longstanding dogma, blood proteins easily cross into the brain, but transport machinery breaks down with age

Press Release

The Leukemia & Lymphoma Society, The Mark Foundation for Cancer Research and The Paul G. Allen Frontiers Group Partner to Award \$6.75M in New Grants to Drive the Next Wave of Novel Cancer Therapies

July 1, 2020

BARDA – U.S. Department of HHS [to 11 July 2020]

https://www.phe.gov/about/barda/Pages/default.aspx

July 9, 2020: BARDA and JPEO-CBRND establish partnership with Retractable Technologies, Inc. to expand the capacity to manufacture needles and syringes in the US

July 9, 2020: BARDA and JPEO-CBRND establish partnership with Becton Dickinson to expand domestic manufacturing capacity for needles and syringes

July 7, 2020: HHS, DOD Collaborate with Novavax to Produce Millions of COVID-19 Investigational Vaccine Doses in Commercial-Scale Manufacturing Demonstration Projects

The U.S. Department of Health and Human Services (HHS) and Department of Defense (DoD) today jointly announced a \$1.6 billion agreement with Novavax, Inc. of Gaithersburg, Maryland, to demonstrate commercial-scale manufacturing of the company's COVID-19 investigational vaccine. By funding this manufacturing effort, the federal government will own the 100 million doses of investigational vaccine expected to result from the demonstration projects.

The doses would become available for use in clinical trials or, if the U.S. Food and Drug Administration (FDA) grants Emergency Use Authorization (<u>EUA</u>) or licenses (approves) the investigational vaccine, the federal government could distribute the doses as part of a COVID-19 vaccination campaign.

FDA can issue EUAs to <u>facilitate the availability</u> of an unapproved product only after several statutory requirements are met. For investigational vaccines being developed to prevent COVID-19, an assessment will be made on a case-by-case basis depending on the clinical trial data and the total scientific evidence available about the vaccine candidate. Additional analysis is required for FDA to license a vaccine...

<u>July 7, 2020: HHS, DOD Collaborate with Regeneron on Large-Scale Manufacturing</u>
<u>Demonstration Project of COVID-19 Investigational Therapeutic Treatment</u>

BMGF - Gates Foundation [to 11 July 2020]

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

Bill & Melinda Gates Medical Research Institute [to 11 July 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 11 July 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.

07.07.2020 |

CARB-X is funding Spanish biotech Vaxdyn to develop a new vaccine to prevent infections that cause life-threatening pneumonia and other deadly infections

CARB-X is awarding Vaxdyn, based in Seville, Spain, up to US\$892,000, plus an additional \$6.36 million if certain project milestones are met, to develop a new vaccine to prevent lifethreatening drug-resistant infections, including pneumonia.

CEPI – Coalition for Epidemic Preparedness Innovations [to 11 July 2020]

http://cepi.net/

Latest News

Nominations open for experts to join COVAX group advising on COVID-19 vaccine candidates

COVAX, one of the four ACT Accelerator Pillars, is setting up an Independent Product Group to advise on COVID-19 vaccine candidates. Deadline for nominations to join Friday 17 July. COVID-19 09 Jul 2020

<u>CEPI expands partnership with Clover Biopharmaceuticals to rapidly advance development and manufacture of COVID-19 vaccine candidate</u>

Funding will support clinical development in parallel with scale-up of manufacturing capacity to potentially produce hundreds of millions of doses per year.

COVID-19 07 Jul 2020

EDCTP [to 11 July 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

<u>Today! – Online information session on Career Development Fellowships call</u>

Emory Vaccine Center [to 11 July 2020]

http://www.vaccines.emory.edu/ No new digest content identified.

European Medicines Agency [to 11 July 2020]

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

News & Press Releases •

<u>Press release: International regulators align positions on phase 3 COVID-19 vaccine trials</u>

Last updated: 09/07/2020

Medicines regulatory authorities from around the world have published a <u>report</u> today highlighting the outcomes of the second workshop on COVID-19 vaccine development that was convened under the umbrella of the International Coalition of Medicines Regulatory Authorities (ICMRA).

The report describes the regulatory positions agreed by the meeting participants on two key topics:

- :: Data needed from laboratory, animal and human studies to allow initiation of phase 3 <u>clinical trials</u> for a COVID-19 vaccine; and
 - :: Considerations for study design for phase 3 <u>clinical trials</u>.

Phase 3 is the last phase of testing of a vaccine before it can be submitted to a <u>regulatory</u> <u>authority</u> for evaluation and possible approval. The main focus of phase 3 trials is to demonstrate efficacy and safety of the vaccine.

The meeting participants stressed the need for large phase 3 <u>clinical trials</u> that enroll many thousands of people, including those with underlying medical conditions, to generate relevant data for the key target populations.

There was also broad agreement that clinical studies should be designed with stringent success criteria that would allow a convincing demonstration of the <u>efficacy</u> of COVID-19 vaccines. However, whether a vaccine would be considered as acceptable for approval is assessed case-by-case on the basis of all available data on its safety and <u>efficacy</u>...

<u>Press release: International regulators provide guiding principles for COVID-19</u> clinical trials

Last updated: 01/07/2020

EMA has endorsed a joint <u>statement on prioritisation of COVID-19 clinical trials</u> published by the International Coalition of Medicines Regulatory Authorities (ICMRA). Medicines regulators from around the world have jointly developed this statement to step up global collaboration to facilitate and expedite the development and evaluation of therapeutics, diagnostics and vaccines against COVID-19.

"As the COVID-19 pandemic continues to evolve in many countries, we have seen unprecedented global collaboration and a surge in research and development of potential medicines and vaccines against coronavirus disease around the world," said Guido Rasi, Chair of ICMRA and EMA's Executive Director. "We, as regulators, support the trials that are providing

robust and reliable results required for regulatory decision-making, and evidence that can be used across the globe for all patients affected by COVID-19."...

European Vaccine Initiative [to 11 July 2020]

http://www.euvaccine.eu/ Latest News No new digest content identified.

FDA [to 11 July 2020]

https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/default.htm Press Announcements

July 10, 2020 - Coronavirus (COVID-19) Update: Daily Roundup July 10, 2020

July 10, 2020 - Coronavirus (COVID-19) Update: FDA prepares for resumption of domestic inspections with new risk assessment system

July 9, 2020 - Coronavirus (COVID-19) Update: Daily Roundup July 9, 2020

July 8, 2020 - Coronavirus (COVID-19) Update: Daily Roundup July 8, 2020

July 6, 2020 - Coronavirus (COVID-19) Update: Daily Roundup July 6, 2020

July 6, 2020 - Coronavirus (COVID-19) Update: FDA Issued Emergency Use Authorization for Point of Care Antigen Test

Fondation Merieux [to 11 July 2020]

http://www.fondation-merieux.org/ News, Events No new digest content identified.

Gavi [to 11 July 2020] https://www.gavi.org/ News releases No new digest content identified.

GHIT Fund [to 11 July 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 11 July 2020]

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

No new digest content identified.

Hilleman Laboratories [to 11 July 2020]

http://www.hillemanlabs.org/ No new digest content identified.

Human Vaccines Project [to 11 July 2020]

http://www.humanvaccinesproject.org/media/press-releases/ HVP COVID Report

COVID-19 Vaccines: Proceed at Warp Speed or Festina Lente?

By John P. Moore, PhD.

Professor of Microbiology and Immunology

Weill Cornell Medicine. New York

IAVI [to 11 July 2020]

https://www.iavi.org/newsroom

July 9, 2020

IAVI and Scripps Research Join Efforts with NIH to Expedite Development of Globally Accessible and Affordable HIV Antibody Combination Products

Antibody injections could offer HIV protection that would be of special value to women and girls in low-income countries

NEW YORK – JULY 9, 2020 – Today during the global conference <u>AIDS 2020: Virtual</u>, IAVI, a scientific research organization dedicated to addressing urgent unmet health needs including HIV and tuberculosis, announced an innovative collaboration with Scripps Research and the National Institute of Allergy and Infectious Diseases (NIAID), part of the U.S. National Institutes of Health (NIH). These leading scientific organizations are pooling their HIV broadly neutralizing antibody (bnAb) assets and expertise to develop a combination product specifically designed to be produced at scale to provide prompt, affordable, and sustainable global access, should bnAbs be shown to be efficacious for HIV prevention and possibly for treatment.

Through this collaboration, scientists from the IAVI <u>Neutralizing Antibody Center</u> (NAC), Scripps Research, and NIH will work together to expedite the development of a combination product, including their most potent and broadly neutralizing antibodies, that is designed to protect against the wide genetic diversity of circulating HIV strains...

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/ Announcements

IFFIm issues NOK 2 billion in Vaccine Bonds for COVID-19 vaccine development 07 Jul 2020

IFFIm has issued NOK 2 billion in Vaccine Bonds to accelerate the availability of financing for urgent COVID-19 vaccine research and development by the Coalition for Epidemic Preparedness Innovations

IFRC [to 11 July 2020]

http://media.ifrc.org/ifrc/news/press-releases/ Selected Press Releases, Announcements No new digest content identified.

IVAC [to 11 July 2020]

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

New VIEW-Hub Look

July 2020

VIEW-hub is IVAC's publicly accessible interactive platform to visualize real-time information on vaccine use, product type, coverage levels, impact assessments, and disease burden estimates. It has a new look now.

IVI [to 11 July 2020]

http://www.ivi.int/

Selected IVI News & Announcements

IVI welcomes the First Lady of South Korea to a solidarity event for global health and vaccine equity

July 8, 2020

JEE Alliance [to 11 July 2020]

https://www.jeealliance.org/

Selected News and Events

No new digest content identified.

MSF/Médecins Sans Frontières [to 11 July 2020]

http://www.msf.org/

Latest [Selected Announcements]

Coronavirus COVID-19 pandemic

As COVID-19 spreads, fear drives people away from hospitals in Yemen

Press Release 9 Jul 2020

Malawi

Tackling a silent woman-killer in Malawi

Voices from the Field 9 Jul 2020

El Salvador

People are dying at home amid collapsing health system in El Salvador

Project Update 9 Jul 2020

Cambodia

Innovation needed to respond to COVID-19 in Cambodia

Project Update 7 Jul 2020

Access to medicines

Governments must scale up better TB treatment as J&J drops crucial drug pr...

Press Release 6 Jul 2020

Iraq

2019 MSF Iraq annual report

Report 6 Jul 2020

National Vaccine Program Office - U.S. HHS [to 11 July 2020]

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

NVAC 2020 Meetings

September 23-24, 2020 Meeting (Virtual)

NIH [to 11 July 2020]

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

Selected News Releases

NIH launches clinical trials network to test COVID-19 vaccines and other prevention tools

July 8, 2020 — Network website features secure method for volunteering for studies. The National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health, has established a new clinical trials network that aims to enroll thousands of volunteers in large-scale clinical trials testing a variety of investigational vaccines and monoclonal antibodies intended to protect people from COVID-19.

The COVID-19 Prevention Trials Network (COVPN) was established by merging four existing NIAID-funded clinical trials networks: the HIV Vaccine Trials Network (HVTN), based in Seattle; the HIV Prevention Trials Network (HPTN), based in Durham, N.C.; the Infectious Diseases Clinical Research Consortium (IDCRC), based in Atlanta; and the AIDS Clinical Trials Group, based in Los Angeles. Those individual networks will continue to perform clinical trials for HIV vaccine and prevention and other infectious diseases in addition to their new COVID roles...

PATH [to 11 July 2020]

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

Selected Announcements

<u>PATH recognized at AIDS 2020 for research on promoting community-led HIV services in Vietnam</u>

July 8, 2020 by PATH

Yesterday, at the <u>23rd International AIDS Conference</u> (AIDS 2020), PATH's Bao Ngoc Vu, MD, received one of the <u>International AIDS Society/Merck Sharpe & Dohme Prizes for Operational and Implementation Research in Differentiated Service Delivery</u> in recognition of outstanding research in differentiated service delivery...

PATH receives new five-year contract from USAID for malaria vaccine research and development

Seattle, WA, July 7, 2020 – PATH is proud to announce a new five-year, \$27 million partnership with the United States Agency for International Development (USAID) to develop a next-generation malaria vaccine. The project will focus on identifying and advancing vaccines with greatest potential to benefit those at highest risk of disease and death from malaria. Despite impressive declines in malaria deaths and cases over the past two decades, progress has stalled, and malaria continues to kill over 400,000 people each year; young African children remain most vulnerable. New tools are urgently needed to reduce disease and death attributable to malaria, and to accelerate elimination and eventual eradication...

Sabin Vaccine Institute [to 11 July 2020]

http://www.sabin.org/updates/pressreleases Statements and Press Releases No new digest content identified.

UNAIDS [to 11 July 2020]

http://www.unaids.org/en

Selected Press Releases/Reports/Statements

10 July 2020

Ensuring access to quality, safe, and non-discriminatory services for HIV key populations and migrants in the context of the COVID-19 pandemic

10 July 2020

Survey shows that the COVID-19 pandemic increases vulnerability of LGBTI people

10 July 2020

<u>UNAIDS and the wider United Nations system supporting the COVID-19 response in Nigeria</u>

9 July 2020

Next global AIDS strategy: be part of making history

8 July 2020

Setting the next generation of goals for the global AIDS response

8 July 2020

Support for Uzbek mothers living with HIV

UNICEF [to 11 July 2020]

https://www.unicef.org/media/press-releases Selected Press releases/Announcements Press release 08/07/2020

Marley family to 'reimagine' Bob Marley's One Love in support of UNICEF

Re-recording of iconic anthem will support UNICEF's Reimagine campaign, a global fundraising appeal to respond, recover and reimagine a post-COVID-19 world fit for children

Press release 08/07/2020

<u>UN agencies welcome latest relocations of unaccompanied children from Greece,</u> call for further action and solidarity

Unitaid [to 11 July 2020]

https://unitaid.org/ Featured News 09 July 2020 | Press releases

FIND and Unitaid launch call for expression of interest to accelerate availability and manufacturing scale-up of rapid diagnostic tests for COVID-19

- :: Call aims to fill major diagnostic gaps in the detection of active SARS-CoV-2 infection for patient management and contact tracing purposes in decentralized settings, most critically needed in low- and middle-income countries (LMICs)
- :: Innovators, developers and manufacturers of rapid diagnostic tests and in vitro diagnostics, and LMIC-based diagnostic stakeholders, are invited to submit proposals
- :: Launch of this EOI is the latest milestone for the Access to COVID-19 Tools (ACT) Accelerator Diagnostics Pillar, co-convened by FIND and The Global Fund to Fight AIDS, Tuberculosis and Malaria

Vaccination Acceptance Research Network (VARN) [to 11 July 2020]

https://vaccineacceptance.org/news.html#header1-2r
Announcements
No new digest content identified.

Vaccine Confidence Project [to 11 July 2020]

http://www.vaccineconfidence.org/ Latest News & Archive Report

The Public's Role in COVID-19 Vaccination: Planning Recommendations Informed by Design Thinking and the Social, Behavioral, and Communication Sciences

Working Group on Readying Populations for COVID-19 Vaccine Johns Hopkins Center for Health Security

July 2020

This report considers human factors in relation to future vaccines against the novel coronavirus (SARS-CoV-2), drawing on insights from design thinking and the social, behavioral, and communication sciences. It provides recommendations—directed to both US policymakers and practitioners, as well as nontraditional partners new to public health's mission of vaccination—on how to advance public understanding of, access to, and acceptance of vaccines that protect against COVID-19.

Vaccine Education Center – Children's Hospital of Philadelphia [to 11 July 2020]

http://www.chop.edu/centers-programs/vaccine-education-center No new digest content identified.

Wellcome Trust [to 11 July 2020]

https://wellcome.ac.uk/news No new digest content identified.

The Wistar Institute [to 11 July 2020]

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

Press Released

The Wistar Institute Appoints Chengyu Liang, M.D., Ph.D., as Professor in Its Cancer Center

PHILADELPHIA — (July 6, 2020) — The Wistar Institute, an international biomedical research leader in cancer, immunology and infectious diseases, announces the appointment of Chengyu Liang, M.D., Ph.D., as professor in the Molecular & Cellular Oncogenesis Program of The Wistar Institute Cancer Center.

The Liang laboratory is focused on understanding the mechanisms that regulate fundamental cellular processes such as autophagy, cell death, DNA damage repair, and membrane trafficking in the context of cancer and infectious disease.

WFPHA: World Federation of Public Health Associations [to 11 July 2020]

https://www.wfpha.org/ Latest News No new digest content identified.

World Organisation for Animal Health (OIE) [to 11 July 2020]

https://www.oie.int/en/for-the-media/press-releases/2020/ Press Releases

No new digest content identified.

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ARM [Alliance for Regenerative Medicine] [to 11 July 2020]

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

Press Releases

Alliance for Regenerative Medicine Responds to EU Pharmaceutical Roadmap

WASHINGTON, DC and BRUSSELS, BELGIUM - July 7, 2020

Leading international advocacy group calls for effective regulation, clinical trial support, and value-based reimbursement that benefits patient access to ATMPs

BIO [to 11 July 2020]

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

Press Releases

Biopharmaceutical Leaders Announce New Effort to Tackle Superbugs, Spur Development of New Antibiotics

July 9, 2020

Today more than 20 leading biopharmaceutical companies announced the creation of an estimated \$1 billion fund to help support the pipeline for new antibiotic treatments. The AMR Action Fund was launched as the threat of antimicrobial resistance, or...

DCVMN – Developing Country Vaccine Manufacturers Network [to 11 July 2020]

http://www.dcvmn.org/
News; Upcoming events

WEBINAR: Vaccine Innovation Priority Strategy (VIPS): Update

16 July 2020

WEBINAR: Defining the concept on fair pricing for medicines

21 July 2020

IFPMA [to 11 July 2020]

http://www.ifpma.org/resources/news-releases/ Selected Press Releases, Statements, Publications

New AMR Action Fund steps in to save collapsing antibiotic pipeline with pharmaceutical industry investment

09 July 2020

- :: New AMR Action Fund steps in to save collapsing antibiotic pipeline with pharmaceutical industry investment of US\$1 billion
- :: Partnership aims to bring 2 to 4 new antibiotics to patients by the end of the decade and facilitate needed long-term policy solutions
- 9 July 2020, Geneva Today, more than 20 leading biopharmaceutical companies announced the launch of the AMR Action Fund [www.AMRactionfund.com], a ground-breaking partnership that aims to bring 2-4 new antibiotics to patients by 2030. These treatments are urgently needed to address the rapid rise of antibiotic-resistant infections also called antimicrobial resistance, or AMR. The companies have raised so far nearly US\$1 billion new funding to support clinical research of innovative new antibiotics that are addressing the most resistant bacteria and life-threatening infections. Through the AMR Action Fund, pharmaceutical companies will join forces with philanthropies, development banks, and multilateral organizations to strengthen and accelerate antibiotic development. The Fund will focus on

urgent public health needs. It will provide much needed financial resources, as well as important technical support to help biotech companies bring novel antibiotics to patients.

The AMR Action Fund, an initiative of the international body representing the R&D pharmaceutical industry (International Federation of Pharmaceutical Manufacturers & Associations, IFPMA), was announced at simultaneous virtual launch events in Berlin, Germany, and Washington, D.C., USA, with a third event in Tokyo, Japan taking place on July 10.

AMR is a looming global crisis that has the potential to dwarf COVID-19 in terms of deaths and economic costs. While tragically the death toll of COVID-19 continues to rise, each year 700,000 people are dying from AMR. In some of the most alarming scenarios, it is estimated that by 2050 AMR could claim as many as 10 million lives per year.

"Unlike COVID-19, AMR is a predictable and preventable crisis. We must act together to rebuild the pipeline and ensure that the most promising and innovative antibiotics make it from the lab to patients," said Thomas Cueni, Director General of the IFPMA, one of the organizers of the new fund. He adds: "The AMR Action Fund is one of the largest and most ambitious collaborative initiatives ever undertaken by the pharmaceutical industry to respond to a global public health threat"...

Joint Guidance on Virtual International Medical Congresses Impacted by COVID-19 02 July 2020

IFPMA Global Code Comparison Report 2020

02 July 2020

ICBA – International Council of Biotechnology Associations [to 11 July 2020]

https://internationalbiotech.org/

News

No new digest content identified.

PhRMA [to 11 July 2020]

http://www.phrma.org/

Selected Press Releases, Statements

New initiative to bridge the gap on antimicrobial innovation

Stephen J. Ubl | July 9, 2020

oday, more than 20 leading biopharmaceutical companies are launching the <u>AMR Action Fund</u>, a ground-breaking partnership to invest nearly \$1 billion to ensure a robust and diverse pipeline of new medicines to treat drug-resistant infections...

* * * *

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 focu-s 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

July 2020 Volume 48, Issue 7, p733-858 http://www.ajicjournal.org/current [Reviewed earlier]

American Journal of Preventive Medicine

July 2020 Volume 59, Issue 1, p1-148 http://www.ajpmonline.org/current [Reviewed earlier]

American Journal of Public Health

July 2020 110(7) http://ajph.aphapublications.org/toc/ajph/current [Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 103, Issue 1, July 2020 http://www.ajtmh.org/content/journals/14761645/103/1 Editorial

The World Needs 6 Million More Nurses: What Are We Waiting For?

Stella Aguinaga Bialous and Kimberly Baltzell

Pages: 1–2

https://doi.org/10.4269/ajtmh.20-0451

Editorial

<u>Mobile Health Technology for Enhancing the COVID-19 Response in Africa: A</u> Potential Game Changer?

<u>Jean B. Nachega</u>, <u>Rory Leisegang</u>, <u>Oscar Kallay</u>, <u>Edward J. Mills</u>, <u>Alimuddin Zumla</u> and <u>Richard</u> T. Lester

Pages: 3–5

https://doi.org/10.4269/ajtmh.20-0506

Stories from the Field

Mass Drug Administration and Worms Experience in Africa: Envisage Repurposing Ivermectin for SARS-COV-2

Claire Njeri Wamae

Pages: 10-11

https://doi.org/10.4269/ajtmh.20-0295

Perspective Piece

Recommendations for the COVID-19 Response at the National Level Based on Lessons Learned from the Ebola Virus Disease Outbreak in the Democratic Republic of the Congo

<u>Linda Meta Mobula, Hadia Samaha, Michel Yao, Abdou Salam Gueye, Boubacar Diallo, Chantal Umutoni, Julienne Anoko, Jean-Pierre Lokonga, Luigi Minikulu, Mathias Mossoko, Emanuele Bruni, Simone Carter, Thibaut Jombart, Ibrahima Soce Fall and Steve Ahuka-Mundeke</u>

Pages: 12–17

https://doi.org/10.4269/ajtmh.20-0256

Annals of Internal Medicine

7 July 2020 Volume 173, Issue 1 http://annals.org/aim/issue
[New issue; No digest content identified]

Artificial Intelligence – An International Journal

Volume 285 August 2020 https://www.sciencedirect.com/journal/artificial-intelligence/vol/285/suppl/C [Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation

http://resource-allocation.biomedcentral.com/ (Accessed 11 July 2020) [No new digest content identified]

BMJ Global Health

June 2020 - Volume 5 - 7 https://gh.bmj.com/content/5/7 [Reviewed earlier]

BMC Health Services Research

http://www.biomedcentral.com/bmchealthservres/content (Accessed 11 July 2020)

The impact of healthcare worker influenza vaccination on nosocomial influenza in a tertiary hospital: an ecological study

To protect hospitalized patients, who are more susceptible to complications of influenza, seasonal influenza vaccination of healthcare workers (HCW) has been recommended internationally. However, its effective...

Authors: Wycliffe Enli Wei, Stephanie Fook-Chong, Wen Kai Chen, Maciej Piotr Chlebicki and

Wee Hoe Gan

Citation: BMC Health Services Research 2020 20:636

Content type: Research article Published on: 10 July 2020

BMC Infectious Diseases

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

(Accessed 11 July 2020)

<u>Paradoxical long-term impact of maternal influenza infection on neonates and infants</u>

Pregnant women are at high risk of influenza-related morbidity and mortality. In addition, maternal influenza infection may lead to adverse birth outcomes. However, there is insufficient data on long-term impa...

Authors: Joon Young Song, Keon Vin Park, Sung Won Han, Min Joo Choi, Ji Yun Noh, Hee Jin

Cheong, Woo Joo Kim, Min-Jeong Oh and Geum Joon Cho

Citation: BMC Infectious Diseases 2020 20:502

Content type: Research article Published on: 11 July 2020

Estimating the nationwide transmission risk of measles in US schools and impacts of vaccination and supplemental infection control strategies

The spread of airborne infectious diseases such as measles is a critical public health concern. The U.S. was certified measles-free in 2000, but the number of measles cases has increased in recent years breaki...

Authors: Parham Azimi, Zahra Keshavarz, Jose Guillermo Cedeno Cedeno Laurent and Joseph G.

Allen

Citation: BMC Infectious Diseases 2020 20:497

Content type: Research article Published on: 11 July 2020

Measuring vaccine effectiveness against persistent HPV infections: a comparison of different statistical approaches

Persistent high-risk human papillomavirus (HPV) infection is endorsed by the World Health Organization as an intermediate endpoint for evaluating HPV vaccine effectiveness/efficacy. There are different approac...

Authors: R. Donken, J. Hoes, M. J. Knol, G. S. Ogilvie, S. Dobson, A. J. King, J. Singer, P. J.

Woestenberg, J. A. Bogaards, C. J. L. M. Meijer and H. E. de Melker

Citation: BMC Infectious Diseases 2020 20:482

Content type: Research article Published on: 8 July 2020

<u>Inequalities in measles immunization coverage in Ethiopia: a cross-sectional analysis of demographic and health surveys 2000–2016</u>

Ethiopia has low measles immunization coverage and little is known about the disparities surrounding what coverage is provided. This study assessed disparities in measles immunization and its change over time ...

Authors: Gebretsadik Shibre, Betregiorgis Zegeye, Dina Idriss-Wheeler and Sanni Yaya

Citation: BMC Infectious Diseases 2020 20:481

Content type: Research article Published on: 7 July 2020

BMC Medical Ethics

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

(Accessed 11 July 2020)

<u>Making researchers responsible: attributions of responsibility and ambiguous notions of culture in research codes of conduct</u>

Research codes of conduct offer guidance to researchers with respect to which values should be realized in research practices, how these values are to be realized, and what the respective responsibilities of the individual and the institution are in this. However, the question of how the responsibilities are to be divided between the individual and the institution has hitherto received little attention. We therefore performed an analysis of research codes of conduct to investigate how responsibilities are positioned as individual or institutional, and how the boundary between the two is drawn.

Authors: Govert Valkenburg, Guus Dix, Joeri Tijdink and Sarah de Rijcke

Citation: BMC Medical Ethics 2020 21:56

Content type: Research article Published on: 7 July 2020

BMC Medicine

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

(Accessed 11 July 2020)

<u>Short- and long-term impact of vaccination against cytomegalovirus: a modeling</u> study

Infection with cytomegalovirus (CMV) is highly prevalent worldwide and can cause severe disease in immunocompromised persons and congenitally infected infants. The disease burden caused by congenital CMV infec...

Authors: Ganna Rozhnova, Mirjam E. Kretzschmar, Fiona van der Klis, Debbie van Baarle,

Marjolein Korndewal, Ann C. Vossen and Michiel van Boven

Citation: BMC Medicine 2020 18:174 Content type: Research Article Published on: 2 July 2020

BMC Pregnancy and Childbirth

http://www.biomedcentral.com/bmcpregnancychildbirth/content (Accessed 11 July 2020) [No new digest content identified]

BMC Public Health

http://bmcpublichealth.biomedcentral.com/articles (Accessed 11 July 2020)

<u>Unvaccinated children as community parasites in National Qualitative Study from </u>Turkev

This national qualitative study explores (1) the experiences, observations, and opinions of health care workers (HCWs) about beliefs, socioeconomic, cultural, and environmental characteristics of parents refusing vaccination and (2) regional differences in the identified risk

factors; (3) recommended solutions to improve vaccine acceptance in each of 12 regions in

Turkey.

Authors: Sıddıka Songül Yalçin, Ayça Gelgeç Bakacak and Osman Topaç

Citation: BMC Public Health 2020 20:1087

Content type: Research article Published on: 11 July 2020

Effect of vaccine reminder and tracker bracelets on routine childhood immunization coverage and timeliness in urban Pakistan (2017-18): a randomized controlled trial

Inability to track children's vaccination history coupled with parents' lack of awareness of vaccination due dates compounds the problem of low immunization coverage and timeliness in developing countries. We ...

Authors: Danya Arif Siddiqi, Rozina Feroz Ali, Mehr Munir, Mubarak Taighoon Shah, Aamir Javed

Khan and Subhash Chandir

Citation: BMC Public Health 2020 20:1086

Content type: Research article Published on: 11 July 2020

Acceptability of a hypothetical preventative HIV vaccine among people who use drugs in Vancouver, Canada

As research on HIV vaccines continues to advance, studies exploring the feasibility of this intervention are necessary to inform uptake and dissemination strategies with key populations, including people who u...

Authors: Taylor Fleming, Jenna Valleriani, Cara Ng, Lisa Maher, Will Small and Ryan McNeil

Citation: BMC Public Health 2020 20:1081

Content type: Research article Published on: 9 July 2020

BMC Research Notes

http://www.biomedcentral.com/bmcresnotes/content (Accessed 11 July 2020) [No new digest content identified]

BMJ Open

July 2020 - Volume 10 - 7 https://bmjopen.bmj.com/content/10/7 [Reviewed earlier]

Bulletin of the World Health Organization

Volume 98, Number 7, July 2020, 441-508 https://www.who.int/bulletin/volumes/98/7/en/ [Reviewed earlier]

Child Care, Health and Development

Volume 46, Issue 4 Pages: 397-536 July 2020 https://onlinelibrary.wiley.com/toc/13652214/current [Reviewed earlier]

Clinical Pharmacology & Therapeutics

Volume 107, Issue 6 Pages: 1263-1457 June 2020 https://ascpt.onlinelibrary.wiley.com/toc/15326535/2020/107/6 [Reviewed earlier]

Clinical Therapeutics

June 2020 Volume 42, Issue 6, p959-1136, e101-e114 http://www.clinicaltherapeutics.com/current [Reviewed earlier]

Clinical Trials

Volume 17 Issue 3, June 2020 https://journals.sagepub.com/toc/ctja/17/3 [Reviewed earlier]

Conflict and Health

http://www.conflictandhealth.com/ [Accessed 11 July 2020] [No new digest content identified]

Contemporary Clinical Trials

Volume 94 July 2020 https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/94/suppl/C [New issue; No digest content identified]

The CRISPR Journal

Volume 3, Issue 3 / June 2020 https://www.liebertpub.com/toc/crispr/3/3 [Reviewed earlier]

Current Genetic Medicine Reports

Volume 8, Issue 2, June 2020 https://link.springer.com/journal/40142/8/2 [Reviewed earlier]

Current Opinion in Infectious Diseases

August 2020 - Volume 33 - Issue 4 https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx [New issue; No digest content identified]

Developing World Bioethics

Volume 20, Issue 2 Pages: 61-114 June 2020 https://onlinelibrary.wiley.com/toc/14718847/current [Reviewed earlier]

Development in Practice

Volume 30, Issue 4, 2020 http://www.tandfonline.com/toc/cdip20/current [Reviewed earlier]

Disaster Medicine and Public Health Preparedness

Volume 14 - Issue 2 - April 2020 https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/latest-issue [Reviewed earlier]

Disasters

Volume 44, Issue 3 Pages: 433-618 July 2020 https://onlinelibrary.wiley.com/toc/14677717/current [Reviewed earlier]

EMBO Reports

Volume 21 Issue 7 3 July 2020 https://www.embopress.org/toc/14693178/current [Reviewed earlier]

Emerging Infectious Diseases

Volume 26, Number 7—July 2020 http://wwwnc.cdc.gov/eid/ [Reviewed earlier]

Epidemics

Volume 31 June 2020 https://www.sciencedirect.com/journal/epidemics/vol/31/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 3 Pages: 1-44 May–June 2020 https://onlinelibrary.wiley.com/toc/25782363/current

Perspectives of minors and parents • Non-English speakers • Covid-19 and other infectious diseases

[Reviewed earlier]

The European Journal of Public Health

Volume 30, Issue 3, June 2020 https://academic.oup.com/eurpub/issue/30/3 [Reviewed earlier]

Gates Open Research

https://gatesopenresearch.org/browse/articles [Accessed 11 July 2020] [No new digest content identified]

Genome Medicine

https://genomemedicine.biomedcentral.com/articles [Accessed 11 July 2020] [No new digest content identified]

Global Health Action

Volume 12, 2019 Issue 1 https://www.tandfonline.com/toc/zgha20/12/sup1?nav=tocList [Reviewed earlier]

Global Health: Science and Practice (GHSP)

2020 | Volume 8 | Number 2 http://www.ghspjournal.org/content/current [Reviewed earlier]

Global Public Health

Volume 15, 2020 Issue 7 http://www.tandfonline.com/toc/rgph20/current [Reviewed earlier]

Globalization and Health

http://www.globalizationandhealth.com/ [Accessed 11 July 2020] [No new digest content identified]

Health Affairs

Vol. 39, No. 6 June 2020 https://www.healthaffairs.org/toc/hlthaff/current Rural Health, Behavioral Health & More [Reviewed earlier]

Health and Human Rights

Volume 22, Issue 1, June 2020

https://www.hhrjournal.org/volume-22-issue-1-june-2020/

Special Section: Mental Health and Human Rights

Viewpoints

Reflections on 25 Years of Health and Human Rights: History, Context, and the Need for Strategic Action

Sofia Gruskin

...The crisis of the moment calls for us to be strategic, not just reactive, and to be able to count on one another whatever our past and present differences. Taking a long view, the stakes are just too high. As a first step we need to support publication of efforts in all domains—research, programming, service delivery, and activism—that can help to ensure the health and human rights of all people, and however "sensitive" the issue, do not slide off the table simply because it's a complicated political moment. We risk losing not only the gains made so far, but attention and support for the very many tough issues at the crux of health and human rights work. We need more than ever to draw attention to all that is happening to undermine health and rights, and collectively determine how to directly take this on wherever we work. This is not simply a matter of academic concern. It tangibly matters for the health and lives of people around the globe. Twenty-five years since its inception, the importance of the Journal, and the space it provides to keep critical issues on the table in academic, policy, and programmatic discussions, has never been greater..

Health Economics, Policy and Law

Volume 15 - Issue 3 - July 2020 https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue [Reviewed earlier]

Health Policy and Planning

Volume 35, Issue 6, July 2020 https://academic.oup.com/heapol/issue/35/5 [Reviewed earlier]

Health Research Policy and Systems

http://www.health-policy-systems.com/content [Accessed 11 July 2020] [No new digest content identified]

Human Gene Therapy

Volume 31, Issue 11-12 / June 2020 https://www.liebertpub.com/toc/hum/31/11-12 [Reviewed earlier]

Humanitarian Exchange Magazine

Number 77, March 2020

https://odihpn.org/magazine/responding-to-ebola-in-the-democratic-republic-of-congo/

Responding to Ebola in the Democratic Republic of Congo

by Humanitarian Practice Network

This edition of Humanitarian Exchange, co-edited with Anne Harmer, focuses on the response to the Ebola outbreak in the Democratic Republic of Congo (DRC). Although at the time of publication the outbreak appeared to have ended, over its course it claimed 2,200 lives, with more than 3,300 infected, making this the world's second largest outbreak ever.

In the lead article, Natalie Roberts reflects on the extent to which humanitarian actors have applied learning from the outbreak in West Africa in 2014–2016. Richard Kojan and colleagues report on the NGO ALIMA's flexible, patient-centred approach to reducing mortality, Marcela Ascuntar reflects on lessons learned from community feedback and Bernard Balibuno, Emanuel Mbuna Badjonga and Howard Mollett highlight the crucial role faith-based organisations have played in the response. In their article, Theresa Jones, Noé Kasali and Olivia Tulloch outline the work of the Bethesda counselling centre in Beni, which provides support to grieving families. Reflecting on findings from a recent assessment by Translators without Borders, Ellie Kemp describes the challenges involved in providing clear and accessible information on Ebola and the response, and Sung Joon Park and colleagues explain how humane care and treatment can help increase trust and confidence in the response. Stephen Mugamba and his co-authors highlight the importance of community involvement in Ebola research, and Gillian McKay and her co-authors examine the impact of the Ebola outbreak and response on sexual and reproductive health services.

Stacey Mearns, Kiryn Lanning and Michelle Gayer present an Ebola Readiness Roadmap to support NGOs in preparing for an outbreak, while Edward Kumakech, Maurice Sadlier, Aidan Sinnott and Dan Irvine report on a Gap Analysis tool looking at the communication, community engagement and compliance tracking activities that need to be in place before an Ebola vaccine is deployed. Emanuele Bruni and colleagues describe the development of a new monitoring and evaluation framework for strategic response planning. The edition ends with an article by Adelicia Fairbanks, who argues for an acceptance strategy in the DRC to improve security and access for responding agencies.

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 16, Issue 6, 2020

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

Review

COVID-19, an emerging coronavirus infection: advances and prospects in designing and developing vaccines, immunotherapeutics, and therapeutics

<u>Kuldeep Dhama</u>, <u>Khan Sharun</u>, <u>Ruchi Tiwari</u>, <u>Maryam Dadar</u>, <u>Yashpal Singh Malik</u>, <u>Karam Pal</u>

Singh & Wanpen Chaicumpa

Pages: 1232-1238

Published online: 18 Mar 2020

Article Commentary

<u>Polio vaccination campaign in Pakistan: a step towards eradication or still a challenge in hand?</u>

Tauseef Ahmad , Muhammad Khan , Taha Hussein Musa & Jin Hui

Pages: 1444-1445

Published online: 25 Mar 2020

Review

<u>Armed conflict, a neglected determinant of childhood vaccination: some children are</u> left behind

Ngo Valery Ngo , Ngambouk Vitalis Pemunta , Nyenkuna Elisabeth Muluh , Miranda Adedze ,

Nduma Basil & Simon Agwale

Pages: 1454-1463

Published online: 06 Dec 2019

Infectious Agents and Cancer

http://www.infectagentscancer.com/content

[Accessed 11 July 2020]

[No new digest content identified]

Infectious Diseases of Poverty

http://www.idpjournal.com/content

[Accessed 11 July 2020]

<u>Strategies supporting the prevention and control of neglected tropical diseases during and beyond the COVID-19 pandemic</u>

Emerging and re-emerging zoonotic diseases represent a public health challenge of international concern. They include a large group of neglected tropical diseases (NTDs), many of which are of zoonotic nature. ...

Authors: John P. Ehrenberg, Xiao-Nong Zhou, Gilberto Fontes, Eliana M. M. Rocha, Marcel

Tanner and Jürg Utzinger

Citation: Infectious Diseases of Poverty 2020 9:86

Content type: Commentary Published on: 10 July 2020

International Health

Volume 12, Issue 4, July 2020 https://academic.oup.com/inthealth/issue/12/4 [Reviewed earlier]

International Journal of Community Medicine and Public Health

Vol 7, No 7 (2020) July 2020 https://www.ijcmph.com/index.php/ijcmph/issue/view/64 [Reviewed earlier]

International Journal of Epidemiology

Volume 49, Issue Supplement_1, April 2020 https://academic.oup.com/ije/issue/49/Supplement_1 **Big Data, Small Area**[Reviewed earlier]

International Journal of Human Rights in Healthcare

Volume 13 Issue 3 2020 https://www.emerald.com/insight/publication/issn/2056-4902/vol/13/iss/3 Table of Contents [Reviewed earlier]

International Journal of Infectious Diseases

June 2020 Volume 95, p1-480 https://www.ijidonline.com/issue/S1201-9712(20)X0007-5 [Reviewed earlier]

JAMA Network

COVID-19 Update July 11, 2020

These articles on COVID-19 were published across the JAMA Network in the last week.

JAMA

July 7, 2020, Vol 324, No. 1, Pages 7-110 https://jamanetwork.com/journals/jama/currentissue Viewpoint

Ensuring Access to Medications in the US During the COVID-19 Pandemic

G. Caleb Alexander, MD, MS; Dima M. Qato, PharmD, MPH, PhD free access has active quiz

JAMA. 2020;324(1):31-32. doi:10.1001/jama.2020.6016

This Viewpoint proposes strategies to ensure adequate supply and distribution of medication in the US during and beyond the coronavirus pandemic, including development and funding of a

national essential medicines supply, allocation strategies to prevent stockpiling, and funding of home delivery services to ensure adequate access for lower income and underserved populations.

Viewpoint

<u>Conducting Clinical Research During the COVID-19 Pandemic - Protecting Scientific</u> Integrity

Thomas R. Fleming, PhD; Dominic Labriola, PhD; Janet Wittes, PhD free access

JAMA. 2020;324(1):33-34. doi:10.1001/jama.2020.9286

This Viewpoint discusses procedures to ensure the safety of RCT participants without sacrificing the validity of trials conducted during the COVID-19 pandemic, including home-based test drug administration and outcome measurement, prespecifying stopping rules for pandemic-related interruptions, and stratifying analyses by pandemic-imposed differences in study conduct.

JAMA Pediatrics

July 2020, Vol 174, No. 7, Pages 633-736 http://archpedi.jamanetwork.com/issue.aspx Editorial

The Clinical Importance of a Second Dose of Influenza Vaccination in Young Children

Claire Abraham, MD; Melissa S. Stockwell, MD, MPH JAMA Pediatr. 2020;174(7):643-644. doi:10.1001/jamapediatrics.2020.0377

Original Investigation

<u>Patterns of Influenza Vaccination and Vaccine Effectiveness Among Young US</u> <u>Children Who Receive Outpatient Care for Acute Respiratory Tract Illness</u>

Jessie R. Chung, MPH; Brendan Flannery, PhD; Manjusha Gaglani, MBBS; et al. JAMA Pediatr. 2020;174(7):705-713. doi:10.1001/jamapediatrics.2020.0372

This case-control study compares vaccine effectiveness against medically attended, laboratory-confirmed influenza in infants and children who received 1 vs 2 doses of influenza vaccine.

JBI Database of Systematic Review and Implementation Reports

June 2020 - Volume 18 - Issue 6 https://journals.lww.com/jbisrir/Pages/currenttoc.aspx [Reviewed earlier]

Journal of Adolescent Health

July 2020 Volume 67, Issue 1, p1-144 https://www.jahonline.org/issue/S1054-139X(20)X0006-1 [New issue; No digest content identified]

Journal of Artificial Intelligence Research

Vol. 68 (2020) https://www.jair.org/index.php/jair [Reviewed earlier]

Journal of Community Health

Volume 45, Issue 4, August 2020 https://link.springer.com/journal/10900/45/4 [Reviewed earlier]

Journal of Development Economics

Volume 145 June 2020 https://www.sciencedirect.com/journal/journal-of-development-economics/vol/145/suppl/C [Reviewed earlier]

Journal of Empirical Research on Human Research Ethics

Volume 15 Issue 3, July 2020 http://journals.sagepub.com/toc/jre/current [Reviewed earlier]

Journal of Epidemiology & Community Health

June 2020 - Volume 74 - 7 https://jech.bmj.com/content/74/7 [Reviewed earlier]

Journal of Evidence-Based Medicine

Volume 13, Issue 2 Pages: 89-177 May 2020 https://onlinelibrary.wiley.com/toc/17565391/current [Reviewed earlier]

Journal of Global Ethics

Volume 16, Issue 1, 2020 http://www.tandfonline.com/toc/rjge20/current [Reviewed earlier]

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

Volume 31, Number 2, May 2020 https://muse.jhu.edu/issue/42391 [Reviewed earlier]

Journal of Immigrant and Minority Health

Volume 22, Issue 4, August 2020 https://link.springer.com/journal/10903/22/4 [Reviewed earlier]

Journal of Immigrant & Refugee Studies

Volume 18, 2020_ Issue 2 https://www.tandfonline.com/toc/wimm20/current [Reviewed earlier]

Journal of Infectious Diseases

Volume 222, Issue 3, 1 August 2020 https://academic.oup.com/jid/issue/222/3 COVID PERSPECTIVES

The Case for Why Africa Should Host COVID-19 Candidate Vaccine Trials

Jerome Amir Singh

The Journal of Infectious Diseases, Volume 222, Issue 3, 1 August 2020, Pages 351–355, https://doi.org/10.1093/infdis/jiaa303

African sites should be central to COVID-19 vaccine trial site mapping. Such an approach is in the interests of public health, scientifically responsible, and realizes key ethics values.

COVID-2019

Paying Participants in COVID-19 Trials

Emily A Largent, Holly Fernandez Lynch

The Journal of Infectious Diseases, Volume 222, Issue 3, 1 August 2020, Pages 356–361, https://doi.org/10.1093/infdis/jiaa284

Payment for research participation is ethically contentious even under ideal circumstances, and concerns about offering payment are likely to be heightened in the current pandemic. This article describes the role of payment in COVID-19 trials and highlights ethical considerations.

Journal of Medical Ethics

July 2020 - Volume 46 - 7 http://jme.bmj.com/content/current [Reviewed earlier]

Journal of Patient-Centered Research and Reviews

Volume 7, Issue 2 (2020) https://digitalrepository.aurorahealthcare.org/jpcrr/ [Reviewed earlier]

Journal of Pediatrics

July 2020 Volume 222, p1-268 http://www.jpeds.com/current July 2020 Volume 222, p1-268

Journal of Pharmaceutical Policy and Practice

https://joppp.biomedcentral.com/ [Accessed 11 July 2020] [No new digest content identified]

Journal of Public Health Management & Practice

July/August 2020 - Volume 26 - Issue 4 https://journals.lww.com/jphmp/pages/currenttoc.aspx [Reviewed earlier]

Journal of Public Health Policy

Volume 41, Issue 2, June 2020 https://link.springer.com/journal/41271/41/2 [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

July 2020 Volume 17 Issue 168 https://royalsocietypublishing.org/toc/rsif/current [Reviewed earlier]

Journal of Travel Medicine

Volume 27, Issue 3, April 2020 https://academic.oup.com/jtm/issue/27/3 [Reviewed earlier]

Journal of Virology

July 2020; Volume 94,Issue 14 http://jvi.asm.org/content/current [New issue; No digest content identified]

The Lancet

Jul 11, 2020, Volume 396 Number 10244 p71-142, e1 https://www.thelancet.com/journals/lancet/issue/current Editorial

COVID-19: the worst may be yet to come

The Lancet [See Milestones above for detail]

Comment

Solidarity in the wake of COVID-19: reimagining the International Health Regulations

Allyn L Taylor, et al

The Lancet Child & Adolescent Health

Jul 2020 Volume 4 Number 7 p479-554, e17-e25 https://www.thelancet.com/journals/lanchi/issue/current [Reviewed earlier]

Lancet Digital Health

Jul 2020 Volume 2 Number 7 e331-e379 https://www.thelancet.com/journals/landig/issue/current [Reviewed earlier]

Lancet Global Health

Jul 2020 Volume 8 Number 7 e860-e972 http://www.thelancet.com/journals/langlo/issue/current [Reviewed earlier]

Lancet Infectious Diseases

Jul 2020 Volume 20 Number 7 p755-874, e148-e179 http://www.thelancet.com/journals/laninf/issue/current [Reviewed earlier]

Lancet Public Health

Jul 2020 Volume 5 Number 7 e361-e413 https://www.thelancet.com/journals/lanpub/issue/current [Reviewed earlier]

Lancet Respiratory Medicine

Jun 2020 Volume 8 Number 6 p527-646, e43-e54 http://www.thelancet.com/journals/lanres/issue/current [Reviewed earlier]

Maternal and Child Health Journal

Volume 24, Issue 7, July 2020

https://link.springer.com/journal/10995/24/7 [Reviewed earlier]

Medical Decision Making (MDM)

Volume 40 Issue 4, May 2020 http://mdm.sagepub.com/content/current [Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy Volume 98, Issue 2 Pages: 223-617 June 2020 https://onlinelibrary.wiley.com/toc/14680009/current [Reviewed earlier]

Nature

Volume 583 Issue 7815, 9 July 2020 http://www.nature.com/nature/current_issue.html World View | 07 July 2020

Don't ask if artificial intelligence is good or fair, ask how it shifts power

Those who could be exploited by AI should be shaping its projects. Pratyusha Kalluri

Nature Biotechnology

Volume 38 Issue 7, July 2020 https://www.nature.com/nbt/volumes/38/issues/7

Focus on CRISPR tools and therapies

CRISPR-based genome editing has become a mainstay of experimental biology and is now maturing into a tool for therapeutic applications. Constant progress is being made in designing ever more sophisticated protein machines to catalyze desired changes with high efficiency and specificity, and in the methods to deliver the macromolecules involved to the tissues and cells. Many of the more recent advances have not entered clinical development yet, but will ultimately help therapeutic genome editing fulfill its full potential.

Editorial | 08 July 2020

The clinical cutting edge

As CRISPR—Cas9 enters human testing, the blistering pace of progress in preclinical research is offering a bewildering array of options for therapeutic gene editing.

Review Articles

Review Article | 13 April 2020

Design and analysis of CRISPR-Cas experiments

Hanna and Doench review the computational methods and tools that have become indispensable for planning and analyzing CRISPR experiments.

Ruth E. Hanna & John G. Doench

Focus on CRISPR tools and therapies

Review Article | 22 June 2020

<u>Genome editing with CRISPR-Cas nucleases, base editors, transposases and prime</u> editors

A growing arsenal of CRISPR-based tools enables increasingly sophisticated genome editing applications.

Andrew V. Anzalone, Luke W. Koblan & David R. Liu

Focus on CRISPR tools and therapies

Review Article | 29 June 2020

The delivery challenge: fulfilling the promise of therapeutic genome editing

As CRISPR therapies move into clinical testing, David Schaffer and colleagues review a raft of different delivery technologies being road tested to address cargo capacity limitations, maximize potency, minimize off-target effects and avoid immunogenicity.

Joost van Haasteren, Jie Li[...] & David V. Schaffer

Nature Communications

https://www.nature.com/subjects/health-sciences/ncomms (Accessed 11 July 2020) [No new digest content identified]

Nature Genetics

Volume 52 Issue 7, July 2020 https://www.nature.com/ng/volumes/52/issues/7 Review Article | 29 June 2020

Privacy challenges and research opportunities for genomic data sharing

This review discusses major privacy threats relevant to collection and analysis of genomic data in the context of direct-to-consumer applications and provides suggestions for improving the design of privacy-protecting approaches.

Luca Bonomi, Yingxiang Huang & Lucila Ohno-Machado

Nature Medicine

Volume 26 Issue 6, June 2020 https://www.nature.com/nm/volumes/26/issues/6 [Reviewed earlier]

Nature Reviews Genetics

Volume 21 Issue 7, July 2020 https://www.nature.com/nrg/volumes/21/issues/7 [Reviewed earlier]

Nature Reviews Immunology

Volume 20 Issue 7, July 2020 https://www.nature.com/nri/volumes/20/issues/7 [Reviewed earlier]

Nature Reviews Drug Discovery

Volume 19 Issue 7, July 2020 https://www.nature.com/nrd/volumes/19/issues/7 [Reviewed earlier]

New England Journal of Medicine

July 9, 2020 Vol. 383 No. 2 http://www.nejm.org/toc/nejm/medical-journal Perspective

<u>Disease Control, Civil Liberties, and Mass Testing — Calibrating Restrictions during</u> the Covid-19 Pandemic

David M. Studdert, L.L.B., Sc.D., and Mark A. Hall, J.D.

...Law and public policy have a long history of deference to intrusive action by public health authorities, especially during deadly infectious disease outbreaks. There are limits, however. 1 To respect civil liberties, courts have insisted that coercive restrictions must be necessary; must be crafted as narrowly as possible — in their intrusiveness, duration, and scope — to achieve the protective goal; and must not be used to target ostracized groups. 2 Although these broad principles are useful touchstones, historical experience with quarantine provides little practical guidance because of several distinctive features of Covid-19 and the public health response it provokes...

Pediatrics

Vol. 146, Issue 1 1 Jul 2020 https://pediatrics.aappublications.org/

Pharmaceutics

Volume 12, Issue 6 (June 2020) – 114 articles https://www.mdpi.com/1999-4923/12/5 [Reviewed earlier]

PharmacoEconomics

Volume 38, Issue 6, June 2020 https://link.springer.com/journal/40273/38/6 [Reviewed earlier]

PLoS Genetics

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

(Accessed 11 July 2020)
[No new digest content identified]

PLoS Medicine

http://www.plosmedicine.org/ (Accessed 11 July 2020) [No new digest content identified]

PLoS Neglected Tropical Diseases

http://www.plosntds.org/ (Accessed 11 July 2020)

Global resource shortages during COVID-19: Bad news for low-income countries

Devon E. McMahon, Gregory A. Peters, Louise C. Ivers, Esther E. Freeman *Viewpoints* | published 06 Jul 2020 PLOS Neglected Tropical Diseases https://doi.org/10.1371/journal.pntd.0008412

PLoS One

http://www.plosone.org/ [Accessed 11 July 2020]

Hepatitis B screening and vaccination status of healthcare providers in Wakiso district, Uganda

Tonny Ssekamatte, Trasias Mukama, Simon P. S. Kibira, Rawlance Ndejjo, Justine Nnakate Bukenya, Zirimala Paul Alex Kimoga, Samuel Etajak, Rebecca Nuwematsiko, Esther Buregyeya, John C. Ssempebwa, John Bosco Isunju, Richard Kibirango Mugambe, Aisha Nalugya, Solomon Tsebeni Wafula, Joan Nankya Mutyoba

Research Article | published 09 Jul 2020 PLOS ONE https://doi.org/10.1371/journal.pone.0235470

<u>Factors that influence vaccination decision-making among pregnant women: A systematic review and meta-analysis</u>

Eliz Kilich, Sara Dada, Mark R. Francis, John Tazare, R. Matthew Chico, Pauline Paterson, Heidi J. Larson

Research Article | published 09 Jul 2020 PLOS ONE https://doi.org/10.1371/journal.pone.0234827

Mobility restrictions for the control of epidemics: When do they work?

Baltazar Espinoza, Carlos Castillo-Chavez, Charles Perrings Research Article | published 06 Jul 2020 PLOS ONE https://doi.org/10.1371/journal.pone.0235731

Moving towards malaria elimination in southern Mozambique: Cost and costeffectiveness of mass drug administration combined with intensified malaria control Laia Cirera, Beatriz Galatas, Sergi Alonso, Krijn Paaijmans, Miler Mamuquele, Helena Martí-Soler, Caterina Guinovart, Humberto Munquambe, Fabião Luis, Hoticha Nhantumbo, Júlia Montañà, Quique Bassat, Baltazar Candrinho, Regina Rabinovich, Eusebio Macete, Pedro Aide, Pedro Alonso, Francisco Saúte, Elisa Sicuri Research Article | published 06 Jul 2020 PLOS ONE https://doi.org/10.1371/journal.pone.0235631

PLoS Pathogens

http://journals.plos.org/plospathogens/ [Accessed 11 July 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/

BCG vaccine protection from severe coronavirus disease 2019 (COVID-19)

Luis E. Escobar, Alvaro Molina-Cruz, and Carolina Barillas-Mury PNAS first published July 9, 2020. https://doi.org/10.1073/pnas.2008410117

Prehospital & Disaster Medicine

Volume 35 - Issue 3 - June 2020 https://www.cambridge.org/core/journals/prehospital-and-disaster-medicine/latest-issue [Reviewed earlier]

Preventive Medicine

Volume 136 July 2020 https://www.sciencedirect.com/journal/preventive-medicine/vol/136/suppl/C [Reviewed earlier]

Proceedings of the Royal Society B

08 July 2020 Volume 287 Issue 1930 https://royalsocietypublishing.org/toc/rspb/current [New issue; No digest content identified]

Public Health

Volume 183 Pages 1-152 (June 2020) https://www.sciencedirect.com/journal/public-health/vol/183/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 3, May/June 2020 https://journals.sagepub.com/toc/phrg/135/3 [Reviewed earlier]

Qualitative Health Research

Volume 30 Issue 9, July 2020 http://qhr.sagepub.com/content/current [Reviewed earlier]

Research Ethics

Volume 16 Issue 1-2, January-April 2020 http://journals.sagepub.com/toc/reab/current [Reviewed earlier]

Reproductive Health

http://www.reproductive-health-journal.com/content [Accessed 11 July 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 6 Jul 2020

U.S. county level analysis to determine If social distancing slowed the spread of COVID-19

Risk Analysis

Volume 40, Issue 6 Pages: 1111-1319 June 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 11 July 2020]

Perspectives

How Prepared Is Africa for the COVID-19 Pandemic Response? The Case of Ethiopia

Tolu LB, Ezeh A, Feyissa GT

Risk Management and Healthcare Policy 2020, 13:771-776

Published Date: 9 July 2020

Original Research

<u>Public Trust and Compliance with the Precautionary Measures Against COVID-19</u> <u>Employed by Authorities in Saudi Arabia</u>

Almutairi AF, BaniMustafa A, Alessa YM, Almutairi SB, Almaleh Y Risk Management and Healthcare Policy 2020, 13:753-760

Published Date: 8 July 2020

Science

10 July 2020 Vol 369, Issue 6500 http://www.sciencemag.org/current.dtl [New issue; No digest content identified]

Science Translational Medicine

08 July 2020 Vol 12, Issue 551 https://stm.sciencemag.org/ Editors' Choice

Clearing the path for gene therapy

By Bence György

Science Translational Medicine08 Jul 2020 Full Access

Degrading antibodies allows gene transfer in the presence of anti-AAV antibodies.

Social Science & Medicine

Volume 255 June 2020

https://www.sciencedirect.com/journal/social-science-and-medicine/vol/255/suppl/C Research article Abstract only

<u>Vaccine hesitancy is strongly associated with distrust of conventional medicine, and only weakly associated with trust in alternative medicine</u>

Matthew J. Hornsey, Josep Lobera, Celia Díaz-Catalán Article 113019

Systematic Reviews

https://systematicreviewsjournal.biomedcentral.com/articles [Accessed 11 July 2020]

Evidence Synthesis International (ESI): Position Statement

Authors: David Gough, Phil Davies, Gro Jamtvedt, Etienne Langlois, Julia Littell, Tamara Lotfi, Edoardo Masset, Tracy Merlin, Andrew S. Pullin, Merel Ritskes-Hoitinga, John-Arne Røttingen, Emily Sena, Ruth Stewart, David Tovey, Howard White, Jennifer Yost...

Citation: Systematic Reviews 2020 9:155

Content type: Commentary Published on: 10 July 2020

This paper is the initial Position Statement of Evidence Synthesis International, a new partnership of organizations that produce, support and use evidence synthesis around the world. The paper (i) argues for the importance of synthesis as a research exercise to clarify

what is known from research evidence to inform policy, practice and personal decision making; (ii) discusses core issues for research synthesis such as the role of research evidence in decision making, the role of perspectives, participation and democracy in research and synthesis as a core component of evidence ecosystems; (iii) argues for 9 core principles for ESI on the nature and role of research synthesis; and (iv) lists the 5 main goals of ESI as a coordinating partnership for promoting and enabling the production and use of research synthesis.

Travel Medicine and Infectious Diseases

Volume 35 May–June 2020

https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/35/suppl/C [Reviewed earlier]

Tropical Medicine & International Health

Volume 25, Issue 7 Pages: i-iv, 751-904 July 2020 https://onlinelibrary.wiley.com/toc/13653156/current [Reviewed earlier]

Vaccine

Volume 38, Issue 31 Pages 4783-4916 (26 June 2020) https://www.sciencedirect.com/journal/vaccine/vol/38/issue/31

Conference info Full text access

Consensus summary report for CEPI/BC March 12–13, 2020 meeting: Assessment of risk of disease enhancement with COVID-19 vaccines

Paul-Henri Lambert, Donna M. Ambrosino, Svein R. Andersen, Ralph S. Baric, ... Jakob P. Cramer

Pages 4783-4791

Review article Open access

The faces of influenza vaccine recommendation: A Literature review of the determinants and barriers to health providers' recommendation of influenza vaccine in pregnancy

Kathleen F. Morales, Lisa Menning, Philipp Lambach

Research article Open access

Modeling of rotavirus transmission dynamics and impact of vaccination in Ghana

Ernest O. Asare, Mohammad A. Al-Mamun, George E. Armah, Benjamin A. Lopman, ... Virginia E. Pitzer

Pages 4820-4828

Research article Abstract only

Estimating population immunity to poliovirus in Lebanon: Results from a seroprevalence survey, 2016

Ziad Mansour, Racha Said, Kathleen Wannemuehler, William Weldon, ... Noha H. Farag Pages 4846-4852 Research article Abstract only

<u>Using Facebook to increase coverage of HPV vaccination among Danish girls: An</u> assessment of a Danish social media campaign

Louise H. Loft, Eva A. Pedersen, Stine U. Jacobsen, Bolette Søborg, Janne Bigaard Pages 4901-4908

Research article Abstract only

Strategic health communication on social media: Insights from a Danish social media campaign to address HPV vaccination hesitancy

Eva A. Pedersen, Louise H. Loft, Stine U. Jacobsen, Bolette Søborg, Janne Bigaard Pages 4909-4915

Vaccines — Open Access Journal

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

(Accessed 11 July 2020)

Open Access Article

Adherence to Vaccination Policy among Public Health Professionals: Results of a National Survey in Italy

by <u>Maria Teresa Montagna</u>, <u>Osvalda De Giglio</u>, <u>Christian Napoli</u>, <u>Fabrizio Fasano</u>, <u>Giusy Diella</u>, <u>Rosalba Donnoli</u>, <u>Giuseppina Caggiano</u>, <u>Silvio Tafuri</u>, <u>Pier Luigi Lopalco</u>, <u>Antonella Agodi</u> and GISIO-SItI Working Group

Vaccines 2020, 8(3), 379; https://doi.org/10.3390/vaccines8030379 (registering DOI) - 11 Jul 2020

Abstract

Starting from 2013, the number of unvaccinated people alarmingly increased in Italy; therefore, in 2017 a new Vaccine National Plan was approved. Healthcare workers (HCWs), especially public health professionals (PHPs, i.e., workers in in the sector of hygiene and preventive medicine), have an

Open Access Article

<u>Significantly Improved COVID-19 Outcomes in Countries with Higher BCG Vaccination Coverage: A Multivariable Analysis</u>

by <u>Danielle Klinger</u>, <u>Ido Blass</u>, <u>Nadav Rappoport</u> and <u>Michal Linial</u>

Vaccines 2020, 8(3), 378; https://doi.org/10.3390/vaccines8030378 (registering DOI) - 11 Jul 2020

Abstract

The COVID-19 pandemic that started in China has spread within 3 months to the entire globe. We tested the hypothesis that the vaccination against tuberculosis by Bacille Calmette–Guérin vaccine (BCG) correlates with a better outcome for COVID-19 patients. Our analysis covers 55 countries

Open Access Review

Japan's Ongoing Crisis on HPV Vaccination

by <u>Masayuki Sekine</u>, <u>Risa Kudo</u>, <u>Manako Yamaguchi</u>, <u>Sharon J. B. Hanley</u>, <u>Megumi Hara</u>, <u>Sosuke Adachi</u>, <u>Yutaka Ueda</u>, <u>Etsuko Miyagi</u>, <u>Sayaka Ikeda</u>, <u>Asami Yagi</u> and <u>Takayuki</u> Enomoto

Vaccines 2020, 8(3), 362; https://doi.org/10.3390/vaccines8030362 - 06 Jul 2020

Abstract

The Japanese government suspended proactive recommendations for the HPV vaccine in June 2013. The suspension is now in its seventh year, despite all the data pointing to the safety of the HPV vaccine. We reported a high vaccine effectiveness in the group

Value in Health

June 2020 Volume 23, Issue 6, p677-826 https://www.valueinhealthjournal.com/issue/S1098-3015(20)X0008-8 [Reviewed earlier]

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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 11 July 2020 [No new, unique, relevant content]

BBC

http://www.bbc.co.uk/ Accessed 11 July 2020

Coronavirus: UK opts out of EU Covid-19 vaccine scheme

10 July 2020

The UK will not join the EU Covid-19 vaccine scheme, the UK's ambassador to the EU Sir Tim Barrow has said.

Sir Tim said if the UK joined the scheme it would have no say on decisions including on price or which manufacturers to negotiate with.

The UK would also be unable to "pursue parallel negotiations with potential vaccine suppliers", he said in his letter to the European Commission.

The EU scheme aims to secure supplies of potential coronavirus vaccines.

The European Commission plans to enter into agreements with individual vaccine producers on behalf of the bloc's member states as part of the multi-million pound programme.

In return for the right to buy a specified number of vaccine doses in an agreed timeframe and price, the Commission will finance a part of the vaccine producer's upfront costs.

Reacting to earlier reports the UK will opt out of the initiative, the Wellcome Trust said countries "urgently" needed to work together "if we're to stand any chance of delivering global equitable access to a Covid-19 vaccine"...

India scientists alarmed over 'unrealistic' Covid vaccine deadline

6 July 2020

A group of Indian scientists has warned a deadline to launch a Covid-19 vaccine for public use is unfeasible.

The Indian Academy of Sciences warned against "any hasty solution that may compromise rigorous scientific processes and standards".

The Indian Council of Medical Research (ICMR) had said it "envisaged" the vaccine to be launched by 15 August, which is India's Independence Day.

The ICMR has since said the date was "not a deadline"...

The Economist

http://www.economist.com/ Accessed 11 July 2020 [No new, unique, relevant content]

Financial Times

http://www.ft.com/home/uk Accessed 11 July 2020 Lunch with the FT

Anthony Fauci: 'We are living in the perfect storm'

July 10, 2020

Forbes

http://www.forbes.com/ Accessed 11 July 2020 Jul 10, 2020

Coronavirus Vaccine Approval Might Be Sought This Year, According To CEO

A German biotech firm working with New York-based pharma giant Pfizer Inc. to develop a coronavirus vaccine claims it's confident it will be ready to seek regulatory approval for widespread distribution of its drug by the end of the year, its chief executive told the Wall Street Journal, making w...

By Karen Robinson-Jacobs Forbes Staff

Foreign Affairs

http://www.foreignaffairs.com/ Accessed 11 July 2020 [No new, unique, relevant content]

Foreign Policy

http://foreignpolicy.com/
Accessed 11 July 2020 | [No new, unique, relevant content]
Argument

Leaving the WHO Will Hurt Americans' Health

The World Health Organization is woven into the fabric of U.S. public health, and extricating it won't be easy.

By Matthew M. Kavanagh, Mara Pillinger

| July 7, 2020, 2:12 PM

Report

'America First' vs. 'The People's Vaccine'

The rise of "vaccine nationalism" threatens to leave poor countries out in the cold.

By Colum Lynch

| July 6, 2020, 2:48 PM

The Guardian

http://www.guardiannews.com/

UK plan to shun EU vaccine scheme 'unforgivable', say critics ...

10 July 2020 ... Health secretary says government believes there is a quicker way to source a coronavirus **vaccine** for Britons.

New Yorker

http://www.newyorker.com/ Accessed 11 July 2020 [No new, unique, relevant content]

New York Times

http://www.nytimes.com/ Accessed 11 July 2020 Fashion

Bulgari Adds Vaccine Research to Its Creations

A multimillion-euro fund initially will benefit doctoral students at Oxford University. By Ming Liu $\,$ - July $\,$ 10

Sunday Review

A Coronavirus Vaccine Won't Work if People Don't Take It

We need to start convincing skeptics now.

By Phoebe Danziger - July 9

U.S.

Who Gets a Vaccine First? U.S. Considers Race in Coronavirus Plans

When a vaccine hits the market, it will be a key tool in putting an end to the pandemic. A federal committee is debating giving early access to groups that face a high risk. By Megan Twohey - July 9

Washington Post

https://www.washingtonpost.com/ Accessed 11 July 2020 [No new, unique, relevant content] * * * * *

Think Tanks et al

Brookings

http://www.brookings.edu/ Accessed 11 July 2020 Future Development

Can we avoid a lost decade of development?

Kevin Watkins Thursday, July 9, 2020

Center for Global Development [to 11 July 2020]

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

Accessed 11 July 2020

[No new relevant content]

Chatham House [to 11 July 2020]

https://www.chathamhouse.org/

Video

<u>COVID-19 Pandemic Briefing – Leading a Global Response</u>

8 July 2020

A Chatham House Centenary edition of the weekly COVID-19 pandemic briefing with Professor David Heymann and Emma Ross examines what we have learned in the first six months of the pandemic.

CSIS

https://www.csis.org/ Accessed 11 July 2020 Commentary

Advancing Research and Planning for the Equitable Distribution of a Covid-19 Vaccine

July 9, 2020 | By Katherine Bliss

Council on Foreign Relations

http://www.cfr.org/ Accessed 11 July 2020 [No new relevant content]

Kaiser Family Foundation

https://www.kff.org/search/?post_type=press-release Accessed 11 July 2020 [No new relevant content]

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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.